



3/29/2019 8:40 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 001**Letting Date:** May 3, 2019**Contract ID:** 78132-125461-2**Description:** Rehabilitation of Taxilanes Nos 1 thru 4 at Kirsch Municipal Airport, city of Sturgis, St. Joseph County.**Project Information**

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	2,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	970.000	Lft
0050	Remove Asphalt Pavement	1010245	2,105.000	Syd
0060	Misc. Remove aggregate base course	1017221	140.000	Cyd
0070	Unclassified Excavation	1520410	400.000	Cyd
0080	Shoulder Construction, as Specified	1520481	2,430.000	Syd
0090	Erosion Control, Inlet Filter	1560620	8.000	Ea
0100	Erosion Control, Silt Fence	1560625	100.000	Lft
0110	Misc. Fine grade & compact cement treated aggregate base course/pulverized bituminous pvmt.	2077011	6,900.000	Syd
0120	Misc. Pulverize bituminous pavement, less than 6" thickness	2077011	5,780.000	Syd
0130	Misc. Portland Cement	2077031	200.000	Ton
0140	Salvage Pulverized Material	2080555	600.000	Cyd
0150	Bituminous Surface Course-Gradation 2	4030638	1,170.000	Ton
0160	Joint Construction, as Specified	6050515	420.000	Lft
0170	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	2,060.000	Sft
0180	Pipe Underdrain 4", Type as Specified	7050510	570.000	Lft
0190	Pipe Underdrain 6", Type as Specified	7050511	400.000	Lft
0200	Underdrain Cleanout, As Specified	7050525	2.000	Ea
0210	Leaching Basin 4' Diameter, Type 3, Through 8' Depth	7510522	5.000	Ea
0220	Reconstruct Drainage Structure	7510561	1.000	Ea
0230	Drainage Structure Cover, Type D, in Place	7510583	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 002

Letting Date: May 3, 2019

Contract ID: 63000-203636

Description: 1.74 mi of hot mix asphalt surface removal and resurfacing, shared use path, aggregate base, modular block retaining wall and concrete barrier wall, ditching, concrete pavement repairs and restoration on southbound Northwestern Highway Service Drive from Civic Center Drive to 9 Mile Road in the city of Southfield, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203636A	1900483	N/A	STU 63000
204961A	1900531	N/A	TAU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	5,000.000	Dir
0020	Mobilization, Max \$296,100.00	1500001	1.000	LSUM
0030	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	12.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0060	Dr Structure, Rem	2030011	4.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	702.000	Ft
0080	_ Monitoring Well, Adjust	2037050	5.000	Ea
0090	Curb and Gutter, Rem	2040020	2,222.000	Ft
0100	Curb, Rem	2040021	6.000	Ft
0110	Guardrail, Rem	2040035	567.000	Ft
0120	Pavt, Rem	2040050	2,101.000	Syd
0130	Sidewalk, Rem	2040055	1,891.000	Syd
0140	_ Bollard, Rem	2047050	2.000	Ea
0150	Embankment, CIP	2050010	831.000	Cyd
0160	Excavation, Earth	2050016	1,419.000	Cyd
0170	_ Ditching	2057001	2,212.000	Ft
0180	_ Earthwork, Driveway	2057011	3,370.000	Syd
0190	_ Subgrade Undercut and Refill, 21AA, Limestone	2057021	1,170.000	Cyd
0200	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0210	_ Exploratory Excavation	2057050	20.000	Ea
0220	Aggregate, 6A	2060001	10.000	Cyd
0230	Excavation, Fdn	2060010	31.000	Cyd
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0250	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	26.000	Ea
0260	Erosion Control, Sediment Trap	2080034	14.000	Ea

0270	Erosion Control, Silt Fence	2080036	7,640.000	Ft
0280	_ Aggregate Base, 4 inch, Modified	3027011	9,032.000	Syd
0290	_ Aggregate Base, 6 inch, Modified	3027011	2,639.000	Syd
0300	_ Aggregate Base, 8 inch, Modified	3027011	3,102.000	Syd
0310	_ Aggregate Base, Modified	3027031	715.000	Ton
0320	Maintenance Gravel	3060020	700.000	Ton
0330	Shoulder, CI II, 7 inch	3070129	1,425.000	Syd
0340	Trenching	3070200	70.000	Sta
0350	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0360	Culv End Sect, Grate	4010083	69.000	Lb
0370	Culv End Sect, Metal, 12 inch	4010094	10.000	Ea
0380	Culv, CI A, 12 inch	4010131	58.000	Ft
0390	Culv, CI F, CSP, 12 inch	4010675	42.000	Ft
0400	Sewer, CI A, 8 inch, Tr Det A	4020002	18.000	Ft
0410	Sewer, CI E, 12 inch, Tr Det B	4020600	992.000	Ft
0420	Sewer, CI E, 15 inch, Tr Det B	4020601	101.000	Ft
0430	Sewer, CI E, 18 inch, Tr Det B	4020602	170.000	Ft
0440	Sewer Tap, 8 inch	4021202	1.000	Ea
0450	Sewer Tap, 12 inch	4021204	5.000	Ea
0460	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0470	Dr Structure Cover, Adj, Case 2	4030006	9.000	Ea
0480	Dr Structure Cover, Type B	4030010	4.000	Ea
0490	Dr Structure Cover, Type D	4030025	4.000	Ea
0500	Dr Structure Cover, Type G	4030040	11.000	Ea
0510	Dr Structure Cover, Type K	4030050	6.000	Ea
0520	Dr Structure, 24 inch dia	4030200	2.000	Ea
0530	Dr Structure, 48 inch dia	4030210	16.000	Ea
0540	Dr Structure, Adj, Add Depth	4030280	40.000	Ft
0550	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0560	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0570	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0580	_ Sanitary Sewer Manhole, Adj, Add Depth	4037001	18.000	Ft
0590	_ Dr Structure Cover, Adj, Case 1, OCWRC	4037050	1.000	Ea
0600	_ Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	9.000	Ea
0610	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	250.000	Ft
0620	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0630	Pavt, Cleaning	5010001	1.000	LSUM
0640	HMA Surface, Rem	5010005	20,904.000	Syd
0650	Pavt for Butt Joints, Rem	5010008	468.000	Syd
0660	Pavt Joint and Crack Repr, Det 7	5010020	8,106.000	Ft
0670	Hand Patching	5010025	406.000	Ton
0680	HMA, 3E1	5010044	372.000	Ton
0690	HMA, 4E1	5010050	3,021.000	Ton
0700	HMA, 5E1	5010056	1,695.000	Ton
0710	HMA Approach	5010061	570.000	Ton

0720	Conc Base Cse, Nonreinf, 9 inch	6020021	47.000	Syd
0730	Joint, Contraction, Cp	6020200	2,497.000	Ft
0740	Joint, Expansion, E2	6020207	30.000	Ft
0750	_ Conc Pavt, Misc, Nonreinf, 9 inch, Modified	6027011	69.000	Syd
0760	_ Conc, Grade P1, Modified	6027021	46.000	Cyd
0770	Joint, Contraction, Crg	6030020	4,280.000	Ft
0780	Joint, Expansion, Erg	6030021	30.000	Ft
0790	Lane Tie, Epoxy Anchored	6030030	1,053.000	Ea
0800	_ Full Depth Conc Centerline, Repr	6037001	800.000	Ft
0810	_ Pavt Repr, Rem, Modified	6037011	5,501.000	Syd
0820	_ Pavt Repr, with or without Curb, Nonreinf Conc, 9 inch	6037011	5,501.000	Syd
0830	Conc, Grade D	7060010	137.000	Cyd
0840	Reinforcement, Steel, Epoxy Coated	7060092	23,697.000	Lb
0850	_ Modular Block Retaining Wall	7067010	908.000	Sft
0860	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	1,088.000	Syd
0870	Curb and Gutter, Conc, Det F3	8020037	55.000	Ft
0880	Curb and Gutter, Conc, Det F4	8020038	1,950.000	Ft
0890	Driveway Opening, Conc, Det M	8020050	630.000	Ft
0900	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0910	Spillway, Conc	8020075	5.000	Ft
0920	_ Curb and Gutter, Conc, Det F3, Modified	8027001	442.000	Ft
0930	_ Curb and Gutter, Conc, Repair	8027001	1,085.000	Ft
0940	Detectable Warning Surface	8030010	214.000	Ft
0950	Curb Ramp Opening, Conc	8030030	168.000	Ft
0960	Sidewalk Ramp, Conc, 6 inch	8030036	2,205.000	Sft
0970	Sidewalk, Conc, 4 inch	8030044	1,004.000	Sft
0980	Sidewalk, Conc, 6 inch	8030046	1,241.000	Sft
0990	Shared use Path, HMA	8060040	1,642.000	Ton
1000	_ Pathway Grading	8067001	5,133.000	Ft
1010	Guardrail, Type B	8070000	432.000	Ft
1020	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
1030	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
1040	Post, Mailbox	8070095	1.000	Ea
1050	Guardrail Post, Furn and Install, 72 inch	8070101	333.000	Ea
1060	Guardrail, Reconst, Type B	8070105	2,077.000	Ft
1070	_ Timber Rub Rail	8077001	64.000	Ft
1080	Fence, Moving	8080120	20.000	Ft
1090	Fence Post	8080130	3.000	Ea
1100	_ Fence, Decorative, 48 inch	8087001	400.000	Ft
1110	Post, Steel, 3 lb	8100371	1,140.000	Ft
1120	Sign, Type II, Rem	8100397	4.000	Ea
1130	Sign, Type IIA	8100398	33.000	Sft
1140	Sign, Type III, Erect, Salv	8100402	18.000	Ea
1150	Sign, Type III, Rem	8100403	87.000	Ea

1160	Sign, Type IIIA	8100404	75.000	Sft
1170	Sign, Type IIIB	8100405	256.000	Sft
1180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	153.000	Ft
1190	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	246.000	Ft
1200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	35.000	Ft
1210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
1220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1230	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
1240	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	2.000	Ea
1250	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,964.000	Ft
1260	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	6,090.000	Ft
1270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,400.000	Ft
1280	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	790.000	Ft
1290	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	230.000	Ft
1300	Recessing Pavt Mrkg, Longit	8110450	9,381.000	Ft
1310	Recessing Pavt Mrkg, Transv	8110451	182.000	Sft
1320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	101.000	Ea
1330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	101.000	Ea
1340	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
1350	Channelizing Device, 42 inch, Furn	8120030	290.000	Ea
1360	Channelizing Device, 42 inch, Oper	8120031	290.000	Ea
1370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1390	Minor Traf Devices	8120170	1.000	LSUM
1400	Pavt Mrkg Cover, Type R, Black	8120200	920.000	Ft
1410	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	450.000	Ft
1420	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	600.000	Ft
1430	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	500.000	Ft
1440	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	400.000	Ft
1450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,867.000	Ft
1460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,950.000	Ft
1470	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
1480	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
1490	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1500	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
1510	Sign Cover	8120310	20.000	Ea
1520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1530	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

1540	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
1550	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
1560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,658.000	Sft
1570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,658.000	Sft
1580	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	475.000	Sft
1590	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	475.000	Sft
1600	Traf Regulator Control	8120370	1.000	LSUM
1610	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	2.000	Ea
1620	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow	8127050	1.000	Ea
1630	Riprap, Plain	8130010	7.000	Syd
1640	Mulch Blanket	8160027	1,716.000	Syd
1650	_ Surface Restoration, Hydroseed	8167011	14,345.000	Syd
1660	Monument Box Adjust	8210005	30.000	Ea
1670	_ Gate Well Cover, Adj, Add Depth	8237001	26.000	Ft
1680	_ Water Main, 6 inch, DI, CL 54, Tr Det G	8237001	13.000	Ft
1690	_ Connect to Existing Water Main	8237050	9.000	Ea
1700	_ Fire Hydrant Assembly	8237050	9.000	Ea
1710	_ Fire Hydrant, Rem	8237050	9.000	Ea
1720	_ Gate Well Cover, Adj, Case 1	8237050	1.000	Ea
1730	_ Gate Well Cover, Adj, Case 2	8237050	12.000	Ea
1740	_ Water Shutoff, Adj	8237050	33.000	Ea
1750	_ Sprinkler Line	8257001	6,500.000	Ft
1760	_ Irrigation Control Box, Relocate	8257050	1.000	Ea
1770	_ Sprinkler Head, Relocate	8257050	65.000	Ea
1780	_ Sprinkler Head, Replace	8257050	65.000	Ea
1790	_ Audio-Visual Filming	8257051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190503 003

Letting Date: May 3, 2019

Contract ID: 21555-129708

Description: 6.82 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, guardrail and pavement markings on County Road 521 at County Road 533 and on County Road 535 from M-69 south to US-2, Delta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129708A	1900267	N/A	STL 21555
203248A	1900456	N/A	STL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,300.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	2,790.000	Ft
0030	Pavt, Rem	2040050	93.000	Syd
0040	HMA Base Crushing and Shaping	3050002	43,275.000	Syd
0050	Maintenance Gravel, LM	3060021	100.000	Cyd
0060	Approach, CI I	3070001	167.000	Ton
0070	Approach, CI II	3070021	299.000	Ton
0080	Shoulder, CI I, 4 inch	3070106	10,820.000	Syd
0090	Shoulder, CI II	3070121	2,051.000	Ton
0100	Trenching	3070200	325.000	Sta
0110	HMA Surface, Rem	5010005	1,314.000	Syd
0120	HMA Approach	5010061	165.000	Ton
0130	HMA, LVSP	5010703	11,133.000	Ton
0140	Driveway, Nonreinf Conc, 6 inch	8010005	93.000	Syd
0150	Guardrail, Type B	8070000	2,790.000	Ft
0160	Guardrail Approach Terminal, Type 2B	8070042	10.000	Ea
0170	Guardrail Departing Terminal, Type B	8070050	10.000	Ea
0180	Sign, Type IB	8100393	42.000	Sft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	72,056.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,028.000	Ft
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,600.000	Ft
0250	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	974.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	974.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Monument Box	8210001	6.000	Ea
0310	Monument Box Adjust	8210005	6.000	Ea
0320	Monument Preservation	8210010	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 004**Letting Date:** May 3, 2019**Contract ID:** 02000-129796**Description:** 1.80 mi of hot mix asphalt crushing, shaping and resurfacing, drainage and aggregate shoulders on H-44 east of King Road, Alger County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129796A	1900434	N/A	STL 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0030	Embankment, CIP	2050010	150.000	Cyd
0040	Erosion Control, Silt Fence	2080036	330.000	Ft
0050	Aggregate Base, LM	3020002	3,400.000	Cyd
0060	HMA Base Crushing and Shaping	3050002	28,663.000	Syd
0070	Approach, CI II, LM	3070023	60.000	Cyd
0080	Shoulder, CI III, 3 inch	3070145	6,112.000	Syd
0090	Trenching	3070200	184.000	Sta
0100	_ Biaxial Geogrid	3087011	2,260.000	Syd
0110	Culv End Sect, Conc, 18 inch	4010049	6.000	Ea
0120	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0130	Culv, CI E, 18 inch	4010541	120.000	Ft
0140	Culv, CI E, 24 inch	4010542	88.000	Ft
0150	HMA Approach	5010061	48.000	Ton
0160	HMA, LVSP	5010703	3,075.000	Ton
0170	Post, Mailbox	8070095	5.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	18,426.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,212.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	740.000	Ft
0260	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea

0270	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Monument Box	8210001	3.000	Ea
0320	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 005**Letting Date:** May 3, 2019**Contract ID:** 59129-202052-2

Description: Surface treatment, joint and crack sealing, drainage, paint marking, HMA, and electrical on the Taxiway, Apron, and Hangar Taxilanes at Greenville Municipal Airport, city of Greenville, Montcalm County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202052A	B-26-0040-2116	N/A	FM 59129
202056A	B-26-0092-1718	N/A	FM 59129
202062A	B-26-0040-2116	N/A	FM 59129

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	1,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	1,300.000	Lft
0050	Remove Asphalt Pavement	1010245	5,600.000	Syd
0060	Cable Trench, 18" & Less Width, 18" Depth	1080505	2,225.000	Lft
0070	Bare Neutral Wire, # 6, Stranded, Plowed in Place	1080551	2,225.000	Lft
0080	Underground Cable, 1/C, #8, 5000V, L824, Type C, in Trench or Duct	1080588	2,570.000	Lft
0090	Plastic Conduit, 2", Direct Burial	1100614	120.000	Lft
0100	Medium Intensity Edge Light, L861, (MIRL/MITL), 6.6A, Stake Mount, 180 Yellow/180 Clear Colors, Height as specified	1250582	1.000	Ea
0110	Relocate Existing Medium Intensity Stake Mounted Light	1250640	12.000	Ea
0120	Remove Existing Medium Intensity Stake Mounted Light	1250642	32.000	Ea
0130	Remove Guidance Sign	1250799	2.000	Ea
0140	Misc. Relocate Existing Medium Intensity Stake Mounted Light Onto New Base	1257050	3.000	Ea
0150	Removing Isolated Trees, 19" To 36"	1510457	1.000	Ea
0160	Unclassified Excavation	1520410	1,400.000	Cyd
0170	Erosion Control, Inlet Filter	1560620	4.000	Ea
0180	Aggregate Base Course	2080522	600.000	Cyd
0190	Misc. Bituminous Surface Course HMA 4E3	4037031	570.000	Ton
0200	Joint and Crack Sealing, As Specified	6050520	18,700.000	Lft
0210	Joint and Crack Sealing with Mastic, As Specified	6050525	1,200.000	Lft
0220	Airport Pavement Marking, Solid, Black	6200517	1,100.000	Sft

0230	Airport Pavement Marking, 1/2 Rate, Solid, Yellow	6200519	15,250.000	Sft
0240	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	15,250.000	Sft
0250	Remove Airport Pavement Marking	6200540	1,300.000	Sft
0260	Thermoplastic Coal Tar Emulsion Surface Treatment	6290520	32,200.000	Syd
0270	Concrete Culvert & Sewer Pipe 12", Reinforced, C76, Class III	7010535	450.000	Lft
0280	Precast Concrete End Section For 12" Pipe	7010920	1.000	Ea
0290	Removal of Existing Concrete Pipe	7010970	66.000	Lft
0300	Pipe Underdrain 6", Type as Specified	7050511	600.000	Lft
0310	Catch Basin 4' Diameter, Type 2, Through 8' Depth	7510521	1.000	Ea
0320	2' Diameter Inlet, Type 5, Through 8' Depth	7510530	2.000	Ea
0330	Adjust Drainage Structure	7510560	2.000	Ea
0340	Drainage Structure Cover, Design as Specified, in Place	7510595	3.000	Ea
0350	Rip Rap, Plain	7520610	3.000	Cyd
0360	Seeding with Mixture and Rate, As Specified	9010517	2.300	Acre
0370	Topsoiling from On-Site Cut or Stockpile	9050510	300.000	Cyd
0380	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	350.000	Cyd
0390	Wood Fiber Mulch	9080515	1.900	Acre
0400	Manufactured Netting Mulch, as Specified	9080525	2,300.000	Syd



3/29/2019 8:40 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 006**Letting Date:** May 3, 2019**Contract ID:** 411051-205501

Description: Terminal Apron Expansion at the Gerald R. Ford International Airport, city of Grand Rapids, Kent County. See Special Provision for Project Bidding Requirements and Award for more information. After the low bid determination is made, all contract payments and management of the project will be through the Gerald R. Ford International Airport Authority.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205501A	3-26-0039-5919	N/A	FM 411051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security Safety and Security	1000410	1.000	LSUM
0030	Misc. Field Office Equipment	1007051	1.000	LSUM
0040	Misc. Project Survey and Stakeout	1007051	1.000	LSUM
0050	Misc. Winter Shutdown	1007051	1.000	LSUM
0060	Misc. Concrete Batch Plant Allowance	1007060	150,000.000	Dlr
0070	Misc. Pavement Excavation	1017211	16,400.000	Syd
0080	Misc. Pavement Excavation, Asphalt Service Road	1017211	8,600.000	Syd
0090	Bare Counterpoise Wire, #6, Solid, Installed	1080531	9,000.000	Lft
0100	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	13,000.000	Lft
0110	Misc. 20-Way Electrical Duct Bank, Concrete Encased	1107001	300.000	Lft
0120	Misc. 4-Way Electrical Duct Bank, Concrete Encased	1107001	200.000	Lft
0130	Misc. Plastic Conduit, 2" in Existing Pavement	1107001	900.000	Lft
0140	Misc. Plastic Conduit, 2" in New Pavement	1107001	2,200.000	Lft
0150	Misc. Plastic Conduit, 2" in Turf	1107001	1,800.000	Lft
0160	Misc. Removal of Existing Duct Bank	1107001	200.000	Lft
0170	Misc. Split Duct, Concrete Encased	1107001	250.000	Lft
0180	Misc. Adjust Airfield Electrical Manhole	1157050	4.000	Ea
0190	Misc. Airfield Electrical Base Can Cover	1157050	8.000	Ea
0200	Misc. Airfield Electrical Junction Can	1157050	20.000	Ea
0210	Misc. Airfield Electrical Manhole	1157050	2.000	Ea
0220	Misc. Removal of Airfield Electrical Junction Can	1157050	11.000	Ea
0230	Misc. Removal of Airfield Electrical Manhole	1157050	4.000	Ea
0240	Misc. Structurally Modify Double Chamber EMH	1157050	4.000	Ea
0250	Misc. Medium Intensity Taxiway Light, Base Mounted, In Existing Pavement	1257050	14.000	Ea

0260	Misc. Medium Intensity Taxiway Light, Base Mounted, In New Pavement	1257050	38.000	Ea
0270	Misc. New Guidance Sign, As Specified	1257050	6.000	Ea
0280	Misc. Remove Guidance Sign	1257050	9.000	Ea
0290	Misc. Remove Taxiway Edge Light by Core Drilling	1257050	3.000	Ea
0300	Misc. Remove Taxiway Edge Light Fixture Only	1257050	8.000	Ea
0310	Misc. Remove Taxiway Edge Light, Base Mounted	1257050	42.000	Ea
0320	Misc. Remove Taxiway Reflector	1257050	34.000	Ea
0330	Misc. Taxiway Reflector, L853, 30" High, Mounted to Pavement	1257050	20.000	Ea
0340	Misc. Relocation of Wind Cone and New Foundation, Complete	1257051	1.000	LSUM
0350	Unclassified Excavation	1520410	100,000.000	Cyd
0360	Subbase Course	1540510	39,800.000	Cyd
0370	Misc. MDOT 1x3 Aggregate	1547021	2,100.000	Cyd
0380	Erosion Control, Silt Fence	1560625	7,760.000	Lft
0390	Erosion Control, Storm Drain Inlet Protection in Turf	1560637	35.000	Ea
0400	Misc. Erosion Control, Rock Check Dam	1567050	4.000	Ea
0410	Misc. Erosion Control, Storm Drain Inlet Protection in Pavement	1567050	13.000	Ea
0420	Misc. Compliance with pollution, erosion, and siltation control	1567051	1.000	LSUM
0430	Misc. Stabilized Construction Entrances	1567051	1.000	LSUM
0440	Misc. Remove Existing Chain-Link Fence, Including Concrete Maintenance Strip, Complete	1627001	2,400.000	Lft
0450	Misc. Remove Existing Microwave Gate and Equipment, Complete	1627050	6.000	Ea
0460	Misc. Aggregate Base Course, Material as Specified, Compacted in Place	2087021	14,600.000	Cyd
0470	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	2,700.000	Cyd
0480	Cement Treated Base Course, 6"	3010510	64,800.000	Syd
0490	Bituminous Base Course- Gradation 1	4030624	1,120.000	Ton
0500	Bituminous Surface Course-Gradation 2	4030638	1,975.000	Ton
0510	Misc. Bituminous Surface Course, MDOT 3E1	4037031	4,150.000	Ton
0520	Misc. Bituminous Surface Course, MDOT 4E1	4037031	2,150.000	Ton
0530	Portland Cement Concrete Pavement, 8" Non-Reinforced	5010512	1,875.000	Syd
0540	Portland Cement Concrete Pavement, 16" Non-Reinforced	5010520	63,700.000	Syd
0550	Bituminous Tack Coat	6030510	3,120.000	Gal
0560	Remove Airport Pavement Marking	6200540	21,650.000	Sft
0570	Misc. Pavement Marking, Waterborne Type I or II	6207010	26,200.000	Sft
0580	Misc. Pavement Marking, Waterborne Type III With Reflective Media	6207010	20,000.000	Sft
0590	Misc. Temporary Pavement Marking, Waterborne Type I or II	6207010	46,000.000	Sft
0600	Concrete Culvert & Sewer Pipe 18", Reinforced, C76, Class IV	7010562	115.000	Lft
0610	Concrete Culvert & Sewer Pipe 24", Reinforced, C76, Class IV	7010564	365.000	Lft

0620	Concrete Culvert & Sewer Pipe 30", Reinforced, C76, Class IV	7010566	20.000	Lft
0630	Removal of Existing Concrete Pipe	7010970	1,200.000	Lft
0640	Underdrain Cleanout, As Specified	7050525	47.000	Ea
0650	Misc. PVC Non-Perforated Underdrain Pipe, 4"	7057001	465.000	Lft
0660	Misc. PVC Non-Perforated Underdrain Pipe, 6"	7057001	290.000	Lft
0670	Misc. PVC Perforated Underdrain Pipe, 6"	7057001	13,500.000	Lft
0680	Misc. Removal of Existing Underdrain Cleanout	7057050	20.000	Ea
0690	Adjust Drainage Structure	7510560	31.000	Ea
0700	Remove Drainage Structure	7510562	7.000	Ea
0710	Misc. 5' DIA. Catch Basin, Single-Grate Inlet	7517050	1.000	Ea
0720	Misc. 8' DIA. Catch Basin, Three-Grate Inlet	7517050	5.000	Ea
0730	Misc. 9' DIA. Catch Basin, Four-Grate Inlet	7517050	1.000	Ea
0740	Misc. Connect Proposed 18-inch or Smaller Diameter Pipe to Existing Structure, Complete	7517050	1.000	Ea
0750	Misc. Connect Proposed 18-Inch or Smaller Diameter Pipe To Proposed Structure, Complete	7517050	1.000	Ea
0760	Misc. Connect Proposed 21-inch or Larger Diameter Pipe to Existing Structure, Complete	7517050	1.000	Ea
0770	Misc. Connect Proposed 21-inch or Larger Diameter Pipe to Proposed Structure, Complete	7517050	7.000	Ea
0780	Misc. Permanent Bulkhead Seal at Manhole	7517050	6.000	Ea
0790	Misc. Separation Fabric	8007011	3,000.000	Syd
0800	Misc. Aesthetically Impacted Material Spoiled On-Site	8007021	5,000.000	Cyd
0810	Misc. Aesthetically Impacted Material Excavation, Disposed Offsite At Type II Landfill	8007031	3,000.000	Ton
0820	Misc. Soft Dig	8007050	20.000	Ea
0830	Misc. Apron Area Lighting - Relocate Existing, Complete	8007051	1.000	LSUM
0840	Misc. Apron Area Lighting Modifications - East Poles	8007051	1.000	LSUM
0850	Misc. Airport Access Control Contractor Allowance	8007060	35,000.000	Dlr
0860	Misc. Airport Security Allowance	8007060	100,000.000	Dlr
0870	Misc. Soil Erosion and Sedimentation Control Permit Allowance	8007060	2,500.000	Dlr
0880	Hydroseeding with Mixture and Rate, As Specified	9010525	132,000.000	Syd

Section: 2

0890	Mobilization and General Conditions	1000400	1.000	LSUM
0900	Safety and Security Safety and Security	1000410	1.000	LSUM
0910	Misc. Field Office Equipment	1007051	1.000	LSUM
0920	Misc. Project Survey and Stakeout	1007051	1.000	LSUM
0930	Misc. Concrete Batch Plant Allowance	1007060	150,000.000	Dlr
0940	Misc. Pavement Excavation	1017211	16,400.000	Syd
0950	Misc. Pavement Excavation, Asphalt Service Road	1017211	8,600.000	Syd
0960	Bare Counterpoise Wire, #6, Solid, Installed	1080531	9,000.000	Lft
0970	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	13,000.000	Lft
0980	Misc. 20-Way Electrical Duct Bank, Concrete Encased	1107001	300.000	Lft

0990	Misc. 4-Way Electrical Duct Bank, Concrete Encased	1107001	200.000	Lft
1000	Misc. Plastic Conduit, 2" in Existing Pavement	1107001	900.000	Lft
1010	Misc. Plastic Conduit, 2" in New Pavement	1107001	2,200.000	Lft
1020	Misc. Plastic Conduit, 2" in Turf	1107001	1,800.000	Lft
1030	Misc. Removal of Existing Duct Bank	1107001	200.000	Lft
1040	Misc. Split Duct, Concrete Encased	1107001	250.000	Lft
1050	Misc. Adjust Airfield Electrical Manhole	1157050	4.000	Ea
1060	Misc. Airfield Electrical Base Can Cover	1157050	8.000	Ea
1070	Misc. Airfield Electrical Junction Can	1157050	20.000	Ea
1080	Misc. Airfield Electrical Manhole	1157050	2.000	Ea
1090	Misc. Removal of Airfield Electrical Junction Can	1157050	11.000	Ea
1100	Misc. Removal of Airfield Electrical Manhole	1157050	4.000	Ea
1110	Misc. Structurally Modify Double Chamber EMH	1157050	4.000	Ea
1120	Misc. Medium Intensity Taxiway Light, Base Mounted, In Existing Pavement	1257050	14.000	Ea
1130	Misc. Medium Intensity Taxiway Light, Base Mounted, In New Pavement	1257050	38.000	Ea
1140	Misc. New Guidance Sign, As Specified	1257050	6.000	Ea
1150	Misc. Remove Guidance Sign	1257050	9.000	Ea
1160	Misc. Remove Taxiway Edge Light by Core Drilling	1257050	3.000	Ea
1170	Misc. Remove Taxiway Edge Light Fixture Only	1257050	8.000	Ea
1180	Misc. Remove Taxiway Edge Light, Base Mounted	1257050	42.000	Ea
1190	Misc. Remove Taxiway Reflector	1257050	34.000	Ea
1200	Misc. Taxiway Reflector, L853, 30" High, Mounted to Pavement	1257050	20.000	Ea
1210	Misc. Relocation of Wind Cone and New Foundation, Complete	1257051	1.000	LSUM
1220	Unclassified Excavation	1520410	100,000.000	Cyd
1230	Subbase Course	1540510	39,800.000	Cyd
1240	Misc. MDOT 1x3 Aggregate	1547021	2,100.000	Cyd
1250	Erosion Control, Silt Fence	1560625	7,760.000	Lft
1260	Erosion Control, Storm Drain Inlet Protection in Turf	1560637	35.000	Ea
1270	Misc. Erosion Control, Rock Check Dam	1567050	4.000	Ea
1280	Misc. Erosion Control, Storm Drain Inlet Protection in Pavement	1567050	13.000	Ea
1290	Misc. Compliance with pollution, erosion, and siltation control	1567051	1.000	LSUM
1300	Misc. Stabilized Construction Entrances	1567051	1.000	LSUM
1310	Misc. Remove Existing Chain-Link Fence, Including Concrete Maintenance Strip, Complete	1627001	2,400.000	Lft
1320	Misc. Remove Existing Microwave Gate and Equipment, Complete	1627050	6.000	Ea
1330	Misc. Aggregate Base Course, Material as Specified, Compacted in Place	2087021	14,600.000	Cyd
1340	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	2,700.000	Cyd
1350	Cement Treated Base Course, 6"	3010510	64,800.000	Syd
1360	Bituminous Base Course- Gradation 1	4030624	1,120.000	Ton
1370	Bituminous Surface Course-Gradation 2	4030638	1,975.000	Ton

1380	Misc. Bituminous Surface Course, MDOT 3E1	4037031	4,150.000	Ton
1390	Misc. Bituminous Surface Course, MDOT 4E1	4037031	2,150.000	Ton
1400	Portland Cement Concrete Pavement, 8" Non-Reinforced	5010512	1,875.000	Syd
1410	Portland Cement Concrete Pavement, 16" Non-Reinforced	5010520	63,700.000	Syd
1420	Bituminous Tack Coat	6030510	3,120.000	Gal
1430	Remove Airport Pavement Marking	6200540	21,650.000	Sft
1440	Misc. Pavement Marking, Waterborne Type I or II	6207010	26,200.000	Sft
1450	Misc. Pavement Marking, Waterborne Type III With Reflective Media	6207010	20,000.000	Sft
1460	Misc. Temporary Pavement Marking, Waterborne Type I or II	6207010	46,000.000	Sft
1470	Concrete Culvert & Sewer Pipe 18", Reinforced, C76, Class IV	7010562	115.000	Lft
1480	Concrete Culvert & Sewer Pipe 24", Reinforced, C76, Class IV	7010564	365.000	Lft
1490	Concrete Culvert & Sewer Pipe 30", Reinforced, C76, Class IV	7010566	20.000	Lft
1500	Removal of Existing Concrete Pipe	7010970	1,200.000	Lft
1510	Underdrain Cleanout, As Specified	7050525	47.000	Ea
1520	Misc. PVC Non-Perforated Underdrain Pipe, 4"	7057001	465.000	Lft
1530	Misc. PVC Non-Perforated Underdrain Pipe, 6"	7057001	290.000	Lft
1540	Misc. PVC Perforated Underdrain Pipe, 6"	7057001	13,500.000	Lft
1550	Misc. Removal of Existing Underdrain Cleanout	7057050	20.000	Ea
1560	Adjust Drainage Structure	7510560	31.000	Ea
1570	Remove Drainage Structure	7510562	7.000	Ea
1580	Misc. 5' DIA. Catch Basin, Single-Grate Inlet	7517050	1.000	Ea
1590	Misc. 8' DIA. Catch Basin, Three-Grate Inlet	7517050	5.000	Ea
1600	Misc. 9' DIA. Catch Basin, Four-Grate Inlet	7517050	1.000	Ea
1610	Misc. Connect Proposed 18-inch or Smaller Diameter Pipe to Existing Structure, Complete	7517050	1.000	Ea
1620	Misc. Connect Proposed 18-Inch or Smaller Diameter Pipe To Proposed Structure, Complete	7517050	1.000	Ea
1630	Misc. Connect Proposed 21-inch or Larger Diameter Pipe to Existing Structure, Complete	7517050	1.000	Ea
1640	Misc. Connect Proposed 21-inch or Larger Diameter Pipe to Proposed Structure, Complete	7517050	7.000	Ea
1650	Misc. Permanent Bulkhead Seal at Manhole	7517050	6.000	Ea
1660	Misc. Separation Fabric	8007011	3,000.000	Syd
1670	Misc. Aesthetically Impacted Material Spoiled On-Site	8007021	5,000.000	Cyd
1680	Misc. Aesthetically Impacted Material Excavation, Disposed Offsite At Type II Landfill	8007031	3,000.000	Ton
1690	Misc. Soft Dig	8007050	20.000	Ea
1700	Misc. Apron Area Lighting - Relocate Existing, Complete	8007051	1.000	LSUM
1710	Misc. Apron Area Lighting Modifications - East Poles	8007051	1.000	LSUM
1720	Misc. Airport Access Control Contractor Allowance	8007060	35,000.000	Dlr
1730	Misc. Airport Security Allowance	8007060	100,000.000	Dlr
1740	Misc. Soil Erosion and Sedimentation Control Permit Allowance	8007060	2,500.000	Dlr

1750	Hydroseeding with Mixture and Rate, As Specified	9010525	132,000.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 190503 007

Letting Date: May 3, 2019

Contract ID: 11051-204201

Description: 2.01 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs, concrete curb, gutter and sidewalk, drainage structure repairs, traffic signal modifications, signing and pavement markings on M-51 from the Michigan/Indiana state line to Chestnut Drive, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204201A	N/A	N/A	GF19 11051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$312,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	11.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	120.000	Ft
0040	Curb and Gutter, Rem	2040020	1,627.000	Ft
0050	Pavt, Rem	2040050	459.000	Syd
0060	Embankment, CIP	2050010	480.000	Cyd
0070	Excavation, Earth	2050016	429.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	105.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	109.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	51.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	200.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	18.000	Cyd
0160	Aggregate Base, 6 inch	3020016	931.000	Syd
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	127.000	Ft
0180	Sewer Tap, 12 inch	4021204	11.000	Ea
0190	Dr Structure Cover, Adj, Case 1	4030005	102.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	33.000	Ea
0210	Dr Structure Cover, Type B	4030010	31.000	Ea
0220	Dr Structure Cover, Type D	4030025	8.000	Ea
0230	Dr Structure Cover, Type G	4030040	5.000	Ea
0240	Dr Structure Cover, Type K	4030050	80.000	Ea
0250	Dr Structure Cover, Type Q	4030065	13.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	11.000	Ea

0280	Dr Structure, Adj, Add Depth	4030280	17.000	Ft
0290	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0300	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0310	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0320	Pavt, Cleaning	5010001	1.000	LSUM
0330	Cold Milling HMA Surface	5010002	77,512.000	Syd
0340	Bump Grinding	5010004	250.000	Syd
0350	HMA Surface, Rem	5010005	591.000	Syd
0360	HMA Quality Initiative	5010007	42,060.000	Dlr
0370	Longitudinal Joint Density Quality Initiative	5010018	64,330.000	Dlr
0380	Pavt Joint and Crack Repr, Det 7	5010020	6,624.000	Ft
0390	Pavt Joint and Crack Repr, Det 8	5010021	6,624.000	Ft
0400	Hand Patching	5010025	2,880.000	Ton
0410	HMA, 5E3	5010057	17,716.000	Ton
0420	HMA Approach	5010061	439.000	Ton
0430	Curb and Gutter, Conc, Det C4	8020023	1,404.000	Ft
0440	Detectable Warning Surface	8030010	60.000	Ft
0450	Curb Ramp Opening, Conc	8030030	85.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	896.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	314.000	Sft
0480	Delineator, Rem	8100349	1.000	Ea
0490	Post, Steel, 3 lb	8100371	56.000	Ft
0500	Sign, Type IIIB	8100405	18.000	Sft
0510	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	672.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	419.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	12.000	Ea
0570	Rem Spec Mrkg	8110343	1,444.000	Sft
0580	Recessing Pavt Mrkg, Longit	8110450	31,637.000	Ft
0590	Recessing Pavt Mrkg, Transv	8110451	1,290.000	Sft
0600	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	8,395.000	Ft
0610	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	28,758.000	Ft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0660	Ltg for Night Work	8120160	1.000	LSUM
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg Cover, Type R, Black	8120200	3,299.000	Ft
0690	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	22,468.000	Ft
0700	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	316.000	Ft

0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	22,632.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	79,216.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	26,264.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	29,849.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	399.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	399.000	Ea
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	150.000	Ft
0780	Sign Cover	8120310	8.000	Ea
0790	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0800	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	1,082.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	1,082.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	_ Driveway Maintenance	8127050	85.000	Ea
0850	_ Intersection Maintenance	8127050	12.000	Ea
0860	Slope Restoration, Type A	8160100	672.000	Syd
0870	Slope Restoration, Type B	8160101	813.000	Syd
0880	Conduit, DB, 1, 1 1/2 inch	8190027	200.000	Ft
0890	Conduit, Rem	8190140	60.000	Ft
0900	Hh, Adj	8190244	3.000	Ea
0910	Hh, Rem	8190254	4.000	Ea
0920	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
0930	Case Sign, Rem	8200020	3.000	Ea
0940	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0950	Pedestal, Alum	8200100	8.000	Ea
0960	Pedestal, Fdn	8200105	8.000	Ea
0970	Pushbutton and Sign	8200121	4.000	Ea
0980	Loop Detector, Rem	8200173	9.000	Ea
0990	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
1000	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
1010	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
1020	TS, Four Way Span Wire Mtd (LED)	8200327	3.000	Ea
1030	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1040	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
1050	Bracket, Truss, With 18 Foot Arm	8200378	3.000	Ea
1060	Hemispherical Video Detection Camera	8200444	3.000	Ea
1070	Hemispherical Video Detection System	8200445	3.000	Ea
1080	TS Head, Adj	8200452	83.000	Ea
1090	TS Face, Bag	8200458	69.000	Ea
1100	TS Face, Bag, Rem	8200459	49.000	Ea

1110	_ TS, Two Way Span Wire Mtd, LTGA (LED)	8207050	3.000	Ea
1120	Gate Box, Adj, Case 1	8230431	3.000	Ea
1130	Gate Box, Adj, Case 2	8230432	1.000	Ea
1140	Contractor Staking, Road Only	8240007	1.000	LSUM
1150	Staking Plan Errors and Extras, One Person	8240020	26.000	Hr
1160	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
1170	Staking Plan Errors and Extras, Three Person	8240022	16.000	Hr



3/29/2019 8:40 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 008**Letting Date:** May 3, 2019**Contract ID:** 33084-132556-2

Description: 8.60 mi of hot mix asphalt cold milling and resurfacing on I-96 eastbound from west of Meridian Road to M-52, Ingham County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132556A	1801133	N/A	IM 33084

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$211,800.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	1,220.000	Ton
0040	Cold Milling HMA Surface	5010002	194,066.000	Syd
0050	HMA Quality Initiative	5010007	33,000.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	45,413.000	Dlr
0070	Pavt Joint and Crack Repr, Det 7	5010020	5,000.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0090	HMA, 5E30	5010059	16,500.000	Ton
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	45,450.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	45,450.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	4,500.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	11,400.000	Ft
0150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	600.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	600.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0210	Ltg for Night Work	8120160	1.000	LSUM
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Mobile Attenuator	8120180	1.000	Ea
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,900.000	Ft
0250	Sign Cover	8120310	10.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea

0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0280	Sign, Type A, Temp, Prismatic, Furn	8120340	16.000	Sft
0290	Sign, Type A, Temp, Prismatic, Oper	8120341	16.000	Sft
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	1,700.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	1,700.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	170.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	170.000	Sft
0340	Monument Preservation	8210010	2.000	Ea
0350	Shoulder Corrugations, Ground or Cut, HMA	8220001	90,900.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190503 009

Letting Date: May 3, 2019

Contract ID: 82022-115863

Description: 6.95 mi of road rehabilitation including full depth concrete pavement repairs, longitudinal and transverse joint repairs, hot mix asphalt overlay, crack treatment, bridge rehabilitation on 12 structures including epoxy overlay, deck and rail patching, concrete joint resealing, steel repairs, beam repair, realign bearing, substructure replacement and repair, and pavement markings on I-94 from I-275 to Beech Daly Road in the cities of Romulus and Taylor, Wayne County. This project includes a 2 year concrete surface coating warranty and a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115863A	1900653	N/A	IM 82022
118967A	1900643	N/A	IM 82022
129824A	1900644	N/A	IM 82022
201383A	1900645	N/A	NH 82022
203604A	1900646	N/A	NH 82022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$1,030,600.00	1500001	1.000	LSUM
0030	Conc Barrier, Rem	2040010	80.000	Ft
0040	Guardrail, Rem	2040035	2,330.000	Ft
0050	Pavt, Rem	2040050	9,120.000	Syd
0060	Sidewalk, Rem	2040055	110.000	Syd
0070	Embankment, CIP	2050010	2,283.000	Cyd
0080	Excavation, Earth	2050016	6,545.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0100	Erosion Control, Silt Fence	2080036	2,750.000	Ft
0110	Aggregate Base, 4 inch	3020010	130.000	Syd
0120	Aggregate Base, 6 inch	3020016	4,630.000	Syd
0130	Aggregate Base, 9 inch	3020022	220.000	Syd
0140	_ Open-Graded Dr Cse, 16 inch	3037011	6,123.000	Syd
0150	Geotextile, Separator	3080005	6,123.000	Syd
0160	Dr Marker Post	4011109	32.000	Ea
0170	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0180	Underdrain, Pipe, Open-Graded, 6 inch	4040043	1,662.000	Ft
0190	Underdrain Outlet, 6 inch	4040093	1,440.000	Ft
0200	Underdrain, Outlet Ending, 6 inch	4040113	32.000	Ea
0210	Cold Milling HMA Surface	5010002	15,121.000	Syd

0220	Bump Grinding	5010004	236.000	Syd
0230	HMA Surface, Rem	5010005	17,899.000	Syd
0240	HMA Quality Initiative	5010007	10,074.000	Dlr
0250	Pavt for Butt Joints, Rem	5010008	604.000	Syd
0260	Joint and Crack, Cleanout	5010015	3,665.000	Ft
0270	Longitudinal Joint Density Quality Initiative	5010018	1,155.000	Dlr
0280	Pavt Joint and Crack Repr, Det 7	5010020	6,713.000	Ft
0290	Hand Patching	5010025	336.000	Ton
0300	HMA, 3E3	5010045	720.000	Ton
0310	HMA, 4E3	5010051	510.000	Ton
0320	HMA, 5E3	5010057	4,726.000	Ton
0330	HMA Approach	5010061	50.000	Ton
0340	HMA, 5E10, High Stress	5010516	876.000	Ton
0350	Overband Crack Fill, Lane	5020003	3.560	Lnmi
0360	Overband Crack Fill, Ramp	5020004	1.200	Lnmi
0370	HMA Crack Treatment, Lane	5020005	38.110	Lnmi
0380	HMA Crack Treatment, Ramp	5020006	1.250	Lnmi
0390	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	28.000	Syd
0400	Conc Pavt, Nonreinf, 9 inch	6020106	1,490.000	Syd
0410	Conc Pavt, Nonreinf, 10 inch	6020108	1,023.000	Syd
0420	Conc Pavt, Nonreinf, 12 inch	6020112	286.000	Syd
0430	Conc Pavt, Curing Horizontal Surfaces	6020159	7,053.000	Syd
0440	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	210.000	Syd
0450	Joint, Contraction, Cp	6020200	1,644.000	Ft
0460	Joint, Contraction, C3p	6020201	950.000	Ft
0470	Joint, Expansion, E2	6020207	1,415.000	Ft
0480	Joint, Expansion, E3	6020208	1,704.000	Ft
0490	Conc Quality Initiative	6020401	8,226.000	Dlr
0500	Cement	6030005	43.000	Ton
0510	Joint, Contraction, Crg	6030020	1,613.000	Ft
0520	Lane Tie, Epoxy Anchored	6030030	1,635.000	Ea
0530	Non-Chloride Accelerator	6030035	1,818.000	Gal
0540	Pavt Repr, Nonreinf Conc, 10 inch	6030048	267.000	Syd
0550	Pavt Repr, Nonreinf Conc, 12 inch	6030052	1,368.000	Syd
0560	Pavt Repr, Rem	6030080	1,635.000	Syd
0570	Saw Cut, Intermediate	6030090	3,606.000	Ft
0580	Resealing Trans Joints with Hot-Poured Rubber	6030100	58,954.000	Ft
0590	Resealing Longit Joints with Hot-Poured Rubber	6030101	67,918.000	Ft
0600	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	5,535.000	Syd
0610	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0620	_ Temporary Pedestrian Enclosure	8007051	1.000	LSUM
0630	Curb and Gutter, Bridge Approach	8020010	984.000	Ft
0640	_ Valley Gutter, Conc, Modified	8027001	618.000	Ft
0650	Sidewalk, Conc, 4 inch	8030044	990.000	Sft
0660	Conc Barrier, Double Face, Type A	8040005	80.000	Ft

0670	Guardrail, Type B	8070000	39.000	Ft
0680	Guardrail, Type T	8070002	528.000	Ft
0690	Guardrail, Type MGS-8	8070004	836.000	Ft
0700	Guardrail Anch, Bridge, Det T1	8070022	29.000	Ea
0710	Guardrail Anch, Bridge, Det T5	8070026	3.000	Ea
0720	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0730	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0740	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0750	Guardrail Reflector	8070080	78.000	Ea
0760	Bridge Sign Connection, Conc, Type A1	8100031	6.000	Ea
0770	Bridge Sign Connection, Conc, Type O	8100040	2.000	Ea
0780	Bridge Sign Connection, Type A, Rem	8100080	6.000	Ea
0790	Delineator Reflector, Green	8100133	10.000	Ea
0800	Post, Rigid, Delineator	8100361	112.000	Ea
0810	Post, Steel, 3 lb	8100371	14.000	Ft
0820	Sign, Type I, Rem	8100391	2.000	Ea
0830	Sign, Type IA	8100392	169.000	Sft
0840	Sign, Type IB	8100393	65.000	Sft
0850	Sign, Type II, Rem	8100397	6.000	Ea
0860	Sign, Type IIB	8100399	63.000	Sft
0870	Sign, Type III, Rem	8100403	1.000	Ea
0880	Sign, Type IIIA	8100404	2.000	Sft
0890	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0900	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1.000	Ea
0910	Pavt Mrkg, Polyurea, 6 inch, White	8110094	106,800.000	Ft
0920	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	106,800.000	Ft
0930	Pavt Mrkg, Polyurea, 12 inch, White	8110111	40,200.000	Ft
0940	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	300.000	Ft
0950	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,000.000	Ft
0960	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,500.000	Ft
0970	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	500.000	Ft
0980	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,900.000	Ft
0990	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,100.000	Ft
1000	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,900.000	Ft
1010	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,100.000	Ft
1020	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	7,190.000	Ft
1030	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	5,749.000	Ft
1040	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1050	Recessing Pavt Mrkg, Longit	8110450	319,300.000	Ft
1060	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	53,000.000	Ft
1070	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	4,100.000	Ft
1080	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	8,400.000	Ft
1090	Barricade, Type III, High Intensity, Lighted, Furn	8120022	146.000	Ea
1100	Barricade, Type III, High Intensity, Lighted, Oper	8120023	146.000	Ea
1110	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea

1120	Pedestrian Type II Channelizer, Temp	8120027	230.000	Ft
1130	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
1140	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	9.000	Ea
1150	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	9.000	Ea
1160	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	4.000	Ea
1170	Conc Barrier, Temp, Adj	8120080	18,997.000	Ft
1180	Conc Barrier, Temp, Furn	8120081	13,089.000	Ft
1190	Conc Barrier, Temp, Oper	8120082	13,089.000	Ft
1200	Conc Barrier, Temp, Relocated	8120083	8,688.000	Ft
1210	High Intensity Light, Type B, Furn	8120110	9.000	Ea
1220	High Intensity Light, Type B, Oper	8120111	9.000	Ea
1230	Lighted Arrow, Type C, Furn	8120140	19.000	Ea
1240	Lighted Arrow, Type C, Oper	8120141	19.000	Ea
1250	Ltg for Night Work	8120160	1.000	LSUM
1260	Minor Traf Devices	8120170	1.000	LSUM
1270	Mobile Attenuator	8120180	4.000	Ea
1280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	424,000.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	80,900.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	48,300.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	659,200.000	Ft
1320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	464,700.000	Ft
1330	Plastic Drum, Fluorescent, Furn	8120252	2,900.000	Ea
1340	Plastic Drum, Fluorescent, Oper	8120253	2,900.000	Ea
1350	Sign Cover	8120310	100.000	Ea
1360	Sign Cover, Type 1	8120320	19.000	Ea
1370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	16.000	Ea
1380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	16.000	Ea
1390	Sign, Type A, Temp, Prismatic, Furn	8120340	1,740.000	Sft
1400	Sign, Type A, Temp, Prismatic, Oper	8120341	1,740.000	Sft
1410	Sign, Type B, Temp, Prismatic, Furn	8120350	8,410.000	Sft
1420	Sign, Type B, Temp, Prismatic, Oper	8120351	8,410.000	Sft
1430	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,960.000	Sft
1440	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,960.000	Sft
1450	_ Pedestrian Barrier With Fence, Temp	8127001	260.000	Ft
1460	_ Delineator, Panels, Temp, Furn	8127050	102.000	Ea
1470	_ Delineator, Panels, Temp, Oper	8127050	102.000	Ea
1480	_ Speed Radar Trailer, Temp	8127050	4.000	Ea
1490	Riprap, Plain	8130010	105.000	Syd
1500	_ Turf Establishment, Performance	8167011	1,758.000	Syd
1510	Conduit, Galv Steel, 2 inch	8190108	80.000	Ft
1520	Conduit, Rem	8190140	80.000	Ft

1530	DB Cable, in Conduit, Rem	8190220	940.000	Ft
1540	Light Std Shaft, Install Salv	8190301	8.000	Ea
1550	Light Std Shaft, Rem and Salv	8190306	8.000	Ea
1560	Luminaire, Install Salv	8190350	8.000	Ea
1570	Luminaire, Rem and Salv	8190365	8.000	Ea
1580	Cable, St Ltg, 2kV, 1, 1/C#6 & 1, #6 Neutral	8190432	940.000	Ft
1590	Shoulder Corrugations, Ground or Cut, Conc	8220000	3,033.000	Ft
1600	Shoulder Corrugations, Ground or Cut, HMA	8220001	29,025.000	Ft
1610	Contractor Staking	8240001	1.000	LSUM
1620	Staking Plan Errors and Extras, One Person	8240020	95.000	Hr
1630	Staking Plan Errors and Extras, Two Person	8240021	38.000	Hr
1640	Staking Plan Errors and Extras, Three Person	8240022	57.000	Hr

Section: 2

1650	Curb and Gutter, Rem	2040020	16.000	Ft
1660	Backfill, Structure, CIP	2060002	650.000	Cyd
1670	Excavation, Fdn	2060010	620.000	Cyd
1680	Underdrain, Fdn, 6 inch	4040033	70.000	Ft
1690	HMA Patch, Rem	5010006	32.000	Syd
1700	Steel Sheet Piling, Temp	7040002	760.000	Sft
1710	Conc, Grade D	7060010	73.000	Cyd
1720	Conduit, 3 inch	7060030	1,164.000	Ft
1730	Expansion Joint Device	7060050	911.000	Ft
1740	Reinforcement, Steel, Epoxy Coated	7060092	85,392.000	Lb
1750	Substructure Conc, High Performance	7060101	238.000	Cyd
1760	_ Conc, Deck Joint Replacement	7067021	106.000	Cyd
1770	Bearing, Elastomeric, 1 1/2 inch	7070014	2,280.000	Sin
1780	Joint Waterproofing	7100001	581.000	Sft
1790	Joint Waterproofing, Expansion	7100003	258.000	Sft
1800	Conc Surface Coating, Warranty (S02 OF 82022)	7100009	1.000	LSUM
1810	Conc Surface Coating, Warranty (S03 OF 82022)	7100009	1.000	LSUM
1820	Conc Surface Coating, Warranty (S04-3 of 82022)	7100009	1.000	LSUM
1830	Conc Surface Coating, Warranty (S04-4 of 82022)	7100009	1.000	LSUM
1840	Conc Surface Coating, Warranty (S05 of 82022)	7100009	1.000	LSUM
1850	Conc Surface Coating, Warranty (S06 of 82022)	7100009	1.000	LSUM
1860	Conc Surface Coating, Warranty (S07 OF 82022)	7100009	1.000	LSUM
1870	Conc Surface Coating, Warranty (S08 OF 82022)	7100009	1.000	LSUM
1880	Conc Surface Coating, Warranty (S09 of 82022)	7100009	1.000	LSUM
1890	Conc Surface Coating, Warranty (S10 of 82022)	7100009	1.000	LSUM
1900	Conc Surface Coating, Warranty (S12 of 82022)	7100009	1.000	LSUM
1910	Conc Surface Coating, Warranty (S56 OF 82022)	7100009	1.000	LSUM
1920	Penetrating Healer/Sealer, Bridge Deck	7100025	1,529.000	Syd
1930	Bridge Barrier Railing, Type 4, High Performance	7110015	1,164.000	Ft
1940	_ Bridge Barrier Railing, Type 4, Modified, High Performance	7117001	470.000	Ft

1950	Hand Chipping, Shallow	7120003	178.000	Syd
1960	Hand Chipping, Deep	7120004	70.000	Syd
1970	Hand Chipping, Other Than Deck	7120007	1,951.000	Cft
1980	Patch, Full Depth	7120010	5.000	Cyd
1990	Patch, Forming	7120017	4,377.000	Sft
2000	Epoxy Ovly	7120020	17,440.000	Syd
2010	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	378.000	Ea
2020	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,722.000	Ea
2030	Bolt, Adhesive Anchored, 1 inch	7120044	164.000	Ea
2040	Structures, Rehabilitation, Rem Portions (S02 of 82022)	7120070	1.000	LSUM
2050	Structures, Rehabilitation, Rem Portions (S03 of 82022)	7120070	1.000	LSUM
2060	Structures, Rehabilitation, Rem Portions (S04-3 of 82022)	7120070	1.000	LSUM
2070	Structures, Rehabilitation, Rem Portions (S04-4 of 82022)	7120070	1.000	LSUM
2080	Structures, Rehabilitation, Rem Portions (S05 of 82022)	7120070	1.000	LSUM
2090	Structures, Rehabilitation, Rem Portions (S06 of 82022)	7120070	1.000	LSUM
2100	Structures, Rehabilitation, Rem Portions (S09 of 82022)	7120070	1.000	LSUM
2110	Structures, Rehabilitation, Rem Portions (S10 of 82022)	7120070	1.000	LSUM
2120	Structures, Rehabilitation, Rem Portions (S12 of 82022)	7120070	1.000	LSUM
2130	Structures, Rehabilitation, Rem Portions (S56 OF 82022)	7120070	1.000	LSUM
2140	Deck Joint, Rem	7120071	1,087.000	Ft
2150	Reinforcement, Mechanical Splice	7120084	98.000	Ea
2160	Patching Conc, C-L	7120112	115.000	Cyd
2170	Embedded Galvanic Anode	7120120	4,320.000	Ea
2180	_ Hand Chipping, Special	7127010	966.000	Sft
2190	_ Shear Strengthening System	7127010	856.000	Sft
2200	_ Existing Block Retaining Wall, Salv and Erect (S03 of 82022)	7127051	1.000	LSUM
2210	Beam Plate, Seal Perimeter	7130010	1,918.000	Ft
2220	Rocker, Realign	7130050	44.000	Ea
2230	Stiffeners, Furn, Fab, and Erect	7130060	1,270.000	Lb
2240	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	50,000.000	Lb
2250	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	5,300.000	Lb
2260	Support, Column, Temp	7130080	32.000	Ea
2270	Support, Diaphragm, Temp	7130081	53.000	Ea
2280	_ Support Column, Temp, Special	7137050	48.000	Ea
2290	_ Support, Temp, Adj and Rem	7137050	15.000	Ea
2300	Steel Structure, Cleaning, Partial, Type 4 (S02 OF 82022)	7150047	1.000	LSUM
2310	Steel Structure, Cleaning, Partial, Type 4 (S03 OF 82022)	7150047	1.000	LSUM

2320	Steel Structure, Cleaning, Partial, Type 4 (S09 OF 82022)	7150047	1.000	LSUM
2330	Steel Structure, Cleaning, Partial, Type 4 (S10 of 82022)	7150047	1.000	LSUM
2340	Steel Structure, Cleaning, Partial, Type 4 (S56 OF 82022)	7150047	1.000	LSUM
2350	Steel Structure, Coating, Partial, Type 4 (S02 OF 82022)	7150048	1.000	LSUM
2360	Steel Structure, Coating, Partial, Type 4 (S03 OF 82022)	7150048	1.000	LSUM
2370	Steel Structure, Coating, Partial, Type 4 (S09 OF 82022)	7150048	1.000	LSUM
2380	Steel Structure, Coating, Partial, Type 4 (S10 of 82022)	7150048	1.000	LSUM
2390	Steel Structure, Coating, Partial, Type 4 (S56 OF 82022)	7150048	1.000	LSUM
2400	_ Slope Protection, Replace	8137011	415.000	Syd



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 010**Letting Date:** May 3, 2019**Contract ID:** 82191-113471

Description: Replace existing mixed flow pumps with vertical mixed flow pumps, upgrade electrical, mechanical and structural elements to current standards on I-75 at Champaign Road in the city of Lincoln Park, Wayne County. Please see the Special Provision for Determination of Lowest Successful bidder for more information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113471A	1900636	N/A	ST 82191

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$127,800.00	1500001	1.000	LSUM
Section: 2				
0020	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0030	Curb and Gutter, Rem	2040020	20.000	Ft
0040	Pavt, Rem	2040050	8.000	Syd
0050	Sidewalk, Rem	2040055	12.000	Syd
0060	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	_ Miscellaneous Metals, Rem (D04 of 82191)	2047051	1.000	LSUM
0080	_ Structures, Rem Portions, Modified (D04 of 82191)	2047051	1.000	LSUM
0090	Embankment, CIP	2050010	30.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0130	Erosion Control, Silt Fence	2080036	100.000	Ft
0140	Aggregate Base, 9 inch	3020022	100.000	Syd
0150	Aggregate Base, Conditioning	3020050	8.000	Syd
0160	_ Vertical Mixed Flow Pump, (D04 of 82191)	4057050	4.000	Ea
0170	_ Bypass Pumping (D04 of 82191)	4057051	1.000	LSUM
0180	_ Corrosion Resistant Coating, Wet Well (D04 of 82191)	4057051	1.000	LSUM
0190	_ Mechanical Equipment, Vertical Pumps (D04 of 82191)	4057051	1.000	LSUM
0200	_ Pump Station Equipment, Elec (D04 of 82191)	4057051	1.000	LSUM
0210	_ Pump Station Special Coatings (D04 of 82191)	4057051	1.000	LSUM
0220	HMA Surface, Rem	5010005	8.000	Syd
0230	Hand Patching	5010025	3.000	Ton

0240	Lane Tie, Epoxy Anchored	6030030	10.000	Ea
0250	Pavt Repr, Nonreinf Conc, 12 inch	6030052	8.000	Syd
0260	Conc, Grade D	7060010	30.000	Cyd
0270	Reinforcement, Steel, Epoxy Coated	7060092	10,883.000	Lb
0280	Shear Developers (D04 of 82191)	7070040	1.000	LSUM
0290	Structural Steel, Plate, Erect	7070060	2,191.000	Lb
0300	Structural Steel, Plate, Furn and Fab	7070061	2,191.000	Lb
0310	Structural Steel, Rolled Shape, Erect	7070070	1,261.000	Lb
0320	Structural Steel, Rolled Shape, Furn and Fab	7070071	1,261.000	Lb
0330	Conc Surface Coating (D04 of 82191)	7100010	1.000	LSUM
0340	Hand Chipping, Other Than Deck	7120007	75.000	Cft
0350	Patching Mortar or Conc	7120016	75.000	Cft
0360	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	16.000	Ea
0370	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	136.000	Ea
0380	Bolt, Adhesive Anchored, 3/4 inch	7120042	56.000	Ea
0390	Structural Crack, Repr	7120099	30.000	Ft
0400	_ Pump Station Metal Work, Misc (D04 of 82191)	8007051	1.000	LSUM
0410	Driveway, Nonreinf Conc, 9 inch	8010008	88.000	Syd
0420	Curb and Gutter, Conc, Det F3	8020037	20.000	Ft
0430	_ Sidewalk, Conc, 9 inch	8037010	107.000	Sft
0440	Fence, Temp	8080004	20.000	Ft
0450	Fence, Protective	8080007	250.000	Ft
0460	Fence, Moving	8080120	20.000	Ft
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	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0510	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	1.000	Ea
0520	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	1.000	Ea
0530	Conc Barrier Reflector Replacement	8120070	8.000	Ea
0540	Conc Barrier, Temp, Furn	8120081	100.000	Ft
0550	Conc Barrier, Temp, Oper	8120082	100.000	Ft
0560	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0570	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Mobile Attenuator	8120180	1.000	Ea
0620	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Slope Restoration, Type A	8160100	600.000	Syd

0690	_ Current Transformer Cabinet and Manual Transfer Switch (D04 of 82191)	8197050	1.000	Ea
0700	_ Electrical, Rem (D04 of 82191)	8197051	1.000	LSUM
0710	_ Utility, (Elec)	8197060	15,000.000	Dlr
0720	Contractor Staking, Road Only	8240007	1.000	LSUM
0730	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0740	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0750	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
0760	_ Temp Power System (D04 of 82191)	8507041	15.000	Cday

Section: 3

0770	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0780	Curb and Gutter, Rem	2040020	20.000	Ft
0790	Pavt, Rem	2040050	8.000	Syd
0800	Sidewalk, Rem	2040055	12.000	Syd
0810	Exploratory Investigation, Vertical	2040080	50.000	Ft
0820	_ Miscellaneous Metals, Rem (D04 of 82191)	2047051	1.000	LSUM
0830	_ Structures, Rem Portions, Modified (D04 of 82191)	2047051	1.000	LSUM
0840	Embankment, CIP	2050010	30.000	Cyd
0850	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0860	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0870	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0880	Erosion Control, Silt Fence	2080036	100.000	Ft
0890	Aggregate Base, 9 inch	3020022	100.000	Syd
0900	Aggregate Base, Conditioning	3020050	8.000	Syd
0910	_ Vertical Mixed Flow Pump, (D04 of 82191)	4057050	4.000	Ea
0920	_ Bypass Pumping (D04 of 82191)	4057051	1.000	LSUM
0930	_ Corrosion Resistant Coating, Wet Well (D04 of 82191)	4057051	1.000	LSUM
0940	_ Mechanical Equipment, Vertical Pumps (D04 of 82191)	4057051	1.000	LSUM
0950	_ Pump Station Equipment, Elec (D04 of 82191)	4057051	1.000	LSUM
0960	_ Pump Station Special Coatings (D04 of 82191)	4057051	1.000	LSUM
0970	HMA Surface, Rem	5010005	8.000	Syd
0980	Hand Patching	5010025	3.000	Ton
0990	Lane Tie, Epoxy Anchored	6030030	10.000	Ea
1000	Pavt Repr, Nonreinf Conc, 12 inch	6030052	8.000	Syd
1010	Conc, Grade D	7060010	30.000	Cyd
1020	Reinforcement, Steel, Epoxy Coated	7060092	10,883.000	Lb
1030	Shear Developers (D04 of 82191)	7070040	1.000	LSUM
1040	Structural Steel, Plate, Erect	7070060	2,191.000	Lb
1050	Structural Steel, Plate, Furn and Fab	7070061	2,191.000	Lb
1060	Structural Steel, Rolled Shape, Erect	7070070	1,261.000	Lb
1070	Structural Steel, Rolled Shape, Furn and Fab	7070071	1,261.000	Lb
1080	Conc Surface Coating (D04 of 82191)	7100010	1.000	LSUM

1090	Hand Chipping, Other Than Deck	7120007	75.000	Cft
1100	Patching Mortar or Conc	7120016	75.000	Cft
1110	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	16.000	Ea
1120	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	136.000	Ea
1130	Bolt, Adhesive Anchored, 3/4 inch	7120042	56.000	Ea
1140	Structural Crack, Repr	7120099	30.000	Ft
1150	_ Pump Station Metal Work, Misc (D04 of 82191)	8007051	1.000	LSUM
1160	Driveway, Nonreinf Conc, 9 inch	8010008	88.000	Syd
1170	Curb and Gutter, Conc, Det F3	8020037	20.000	Ft
1180	_ Sidewalk, Conc, 9 inch	8037010	107.000	Sft
1190	Fence, Temp	8080004	20.000	Ft
1200	Fence, Protective	8080007	250.000	Ft
1210	Fence, Moving	8080120	20.000	Ft
1220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
1230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
1240	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1250	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
1260	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	1.000	Ea
1270	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	1.000	Ea
1280	Conc Barrier Reflector Replacement	8120070	8.000	Ea
1290	Conc Barrier, Temp, Furn	8120081	100.000	Ft
1300	Conc Barrier, Temp, Oper	8120082	100.000	Ft
1310	High Intensity Light, Type B, Furn	8120110	1.000	Ea
1320	High Intensity Light, Type B, Oper	8120111	1.000	Ea
1330	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1340	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1350	Minor Traf Devices	8120170	1.000	LSUM
1360	Mobile Attenuator	8120180	1.000	Ea
1370	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
1380	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
1390	Sign Cover	8120310	10.000	Ea
1400	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
1410	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
1420	Traf Regulator Control	8120370	1.000	LSUM
1430	Slope Restoration, Type A	8160100	600.000	Syd
1440	_ Current Transformer Cabinet and Manual Transfer Switch (D04 of 82191)	8197050	1.000	Ea
1450	_ Electrical, Rem (D04 of 82191)	8197051	1.000	LSUM
1460	_ Utility, (Elec)	8197060	15,000.000	Dlr
1470	Contractor Staking, Road Only	8240007	1.000	LSUM
1480	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
1490	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1500	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
1510	_ Temp Power System (D04 of 82191)	8507041	15.000	Cday

Schedule of Pay Items

Report v1

Letting Call: 190503 011

Letting Date: May 3, 2019

Contract ID: 52081-201167

Description: 3.81 mi of cold milling and hot mix asphalt resurfacing, sidewalk ramp construction, culvert replacement, guardrail modifications and pavement markings on business M-28 from US-41 to Gold Street in the cities of Ishpeming and Negaunee, Marquette County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201167A	1900651	N/A	ST 52081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$139,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	829.000	Ft
0040	Curb, Rem	2040021	27.000	Ft
0050	Guardrail, Rem	2040035	150.000	Ft
0060	Pavt, Rem	2040050	416.000	Syd
0070	Sidewalk, Rem	2040055	305.000	Syd
0080	_ Bollard, Rem	2047050	1.000	Ea
0090	Embankment, CIP	2050010	20.000	Cyd
0100	Excavation, Earth	2050016	463.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0120	_ Berm Grading	2057002	33.000	Sta
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0140	Erosion Control, Silt Fence	2080036	100.000	Ft
0150	Subbase, CIP	3010002	146.000	Cyd
0160	Aggregate Base	3020001	194.000	Ton
0170	Aggregate Surface Cse	3060006	12.000	Ton
0180	Shoulder, CI II	3070121	269.000	Ton
0190	Shoulder, CI II, Temp	3070170	8.000	Ton
0200	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Culv, CI E, 18 inch	4010541	131.000	Ft
0220	Dr Marker Post	4011109	2.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0240	Dr Structure Cover, Type B	4030010	5.000	Ea
0250	Dr Structure Cover, Type K	4030050	3.000	Ea
0260	Dr Structure, Adj, Add Depth	4030280	20.000	Ft

0270	_ Dr Structure Cover, ADA Compliant	4037050	16.000	Ea
0280	Cold Milling HMA Surface	5010002	85,915.000	Syd
0290	HMA Surface, Rem	5010005	1,870.000	Syd
0300	HMA Quality Initiative	5010007	16,012.000	Dlr
0310	Edge Trimming	5010009	500.000	Ft
0320	Longitudinal Joint Density Quality Initiative	5010018	60,398.000	Dlr
0330	Hand Patching	5010025	572.000	Ton
0340	HMA, 5E1	5010056	7,372.000	Ton
0350	HMA Approach	5010061	62.000	Ton
0360	Cement	6030005	2.000	Ton
0370	Non-Chloride Accelerator	6030035	45.000	Gal
0380	Pavt Repr, Rem	6030080	3.000	Syd
0390	_ Pedestrian Path, Temp	8007001	100.000	Ft
0400	_ Pedestrian Ramp, Temp	8007050	5.000	Ea
0410	Driveway, Nonreinf Conc, 6 inch	8010005	44.000	Syd
0420	Curb, Conc, Det E2	8020002	71.000	Ft
0430	Curb, Conc, Det E4	8020004	196.000	Ft
0440	Curb and Gutter, Conc, Det B2	8020016	145.000	Ft
0450	Curb and Gutter, Conc, Det D2	8020031	327.000	Ft
0460	Curb and Gutter, Conc, Det F2	8020036	4.000	Ft
0470	Detectable Warning Surface	8030010	338.000	Ft
0480	Curb Ramp Opening, Conc	8030030	929.000	Ft
0490	Sidewalk Ramp, Conc, 4 inch	8030034	3,623.000	Sft
0500	Sidewalk Ramp, Conc, 6 inch	8030036	1,434.000	Sft
0510	Sidewalk, Conc, 4 inch	8030044	725.000	Sft
0520	Sidewalk, Conc, 8 inch	8030048	359.000	Sft
0530	Guardrail, Type B	8070000	150.000	Ft
0540	Guardrail Reflector	8070080	24.000	Ea
0550	Guardrail Height, Adj	8070100	213.000	Ft
0560	Guardrail, Reconst, Type B	8070105	925.000	Ft
0570	Fdn, Wood Support, Rem	8100280	6.000	Ea
0580	Post Hole Through Conc for Wood Post	8100341	10.000	Ea
0590	Post, Wood, 4 inch by 6 inch	8100380	140.000	Ft
0600	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0610	Sign, Type III, Rem	8100403	17.000	Ea
0620	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,700.000	Ft
0630	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	120.000	Ft
0640	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	185.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, White	8110231	215.000	Ft
0660	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,600.000	Ft
0670	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,000.000	Ft
0680	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	215.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	28,600.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,000.000	Ft
0710	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0720	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0730	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0740	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0750	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	3.000	Ea
0760	Protective Ovly, Snowmobile Trail Crossing	8110550	150.000	Syd
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0790	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0800	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	160.000	Ea
0810	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	160.000	Ea
0820	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0830	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0850	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,600.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,000.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,600.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0900	Sign Cover	8120310	10.000	Ea
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	2,110.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	2,110.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	95.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	95.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	Riprap, Plain	8130010	18.000	Syd
0970	Slope Restoration, Type B	8160101	7,443.000	Syd
0980	Monument Box	8210001	5.000	Ea
0990	Monument Box Adjust	8210005	10.000	Ea
1000	Monument Preservation	8210010	5.000	Ea
1010	Monument Preservation, Vertical	8210015	5.000	Ea
1020	Protect Corners	8210020	20.000	Ea
1030	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
1040	Gate Box, Adj, Case 1	8230431	5.000	Ea
1050	Contractor Staking, Road Only	8240007	1.000	LSUM
1060	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
1070	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1080	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
1090	_ Railroad Inspection and Flagging	8507060	7,500.000	Dlr
1100	_ Railroad Protection	8507060	7,500.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 190503 012**Letting Date:** May 3, 2019**Contract ID:** 39000-202022**Description:** Installation of enhanced delineation panels along various routes, Berrien, Branch, Calhoun, Kalamazoo and Van Buren Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202022A	1900656	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,600.00	1500001	1.000	LSUM
0020	Delineator Reflector, Red	8100131	2,010.000	Ea
0030	Delineator Reflector, Yellow	8100132	4,030.000	Ea
0040	Delineator Reflector, Green	8100133	124.000	Ea
0050	Delineator Reflector, White	8100134	9,291.000	Ea
0060	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	412.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	1,064.000	Ea
0080	Delineator, Rem	8100349	1,455.000	Ea
0090	Post, Flexible, Delineator	8100360	1,064.000	Ea
0100	Post, Rigid, Delineator	8100361	8,656.000	Ea
0110	_ Delineator Reflector, Rem	8107050	5,081.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Mobile Attenuator	8120180	1.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	25.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	25.000	Sft
0160	Contractor Staking, Road Only	8240007	1.000	LSUM
0170	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0180	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0190	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190503 013

Letting Date: May 3, 2019

Contract ID: 63000-201918

Description: Hot mix asphalt cold milling and resurfacing of carpool lot, concrete curb and gutter and pavement markings on I-96 at Milford Road, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201918A	1900650	N/A	ST 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Curb and Gutter, Rem	2040020	100.000	Ft
0040	Fence, Rem	2040025	620.000	Ft
0050	_ Bollard, Rem	2047050	4.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0070	Aggregate Base	3020001	8.000	Ton
0080	Shoulder, CI III, LM	3070143	5.000	Cyd
0090	Dr Structure Cover, Adj, Case 1, Modified	4030004	3.000	Ea
0100	Dr Structure Cover, Type D	4030025	3.000	Ea
0110	Dr Structure, Cleaning	4030290	5.000	Ea
0120	Cold Milling HMA Surface	5010002	570.000	Syd
0130	HMA Surface, Rem	5010005	40.000	Syd
0140	HMA Quality Initiative	5010007	1,540.000	Dlr
0150	Pavt Joint and Crack Repr, Det 7	5010020	700.000	Ft
0160	Hand Patching	5010025	20.000	Ton
0170	HMA, LVSP	5010703	750.000	Ton
0180	Curb and Gutter, Conc, Det F4	8020038	100.000	Ft
0190	Fence, Chain Link, 48 inch	8080011	620.000	Ft
0200	Post, Steel, 3 lb	8100371	170.000	Ft
0210	Sign, Type III, Rem	8100403	8.000	Ea
0220	Sign, Type IIIA	8100404	32.000	Sft
0230	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	12.000	Ea
0240	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	300.000	Ft
0250	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	4,100.000	Ft
0260	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0270	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea

0280	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0290	Plastic Drum, Fluorescent, Furn	8120252	52.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	52.000	Ea
0310	Sign Cover	8120310	2.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	52.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	52.000	Sft
0360	Slope Restoration, Type A	8160100	20.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 014

Letting Date: May 3, 2019

Contract ID: 82144-204008-2

Description: 10.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter and sidewalk ramps, drainage, 2 railroad crossing improvements and pavement markings on 8 Mile Road from Woodward Avenue to I-94 in the cities of Detroit, Harper Woods, Ferndale, 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 \$1,266,700.00	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	106,454.000	Dlr
0270	Longitudinal Joint Density Quality Initiative	5010018	180,000.000	Dlr
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 Approach	5010061	5,123.000	Ton
0340	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	35,940.000	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 \$1,400.00	8150001	1.000	LSUM
1140	Watering and Cultivating, First Season, Min \$1,400.00	8150002	1.000	LSUM
1150	Watering and Cultivating, Second Season, Min \$1,400.00	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



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Schedule of Pay Items

Report v1

Letting Call: 190503 015**Letting Date:** May 3, 2019**Contract ID:** 61072-200663

Description: 7.12 mi of concrete pavement repairs along with ramp, shoulder, hot mix asphalt cold milling and single course overlay on US-31 from Hile Road north to Marquette Avenue in the cities of Muskegon and Norton Shores, Muskegon County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200663A	1900655	N/A	NH 61072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$141,900.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	47,505.000	Syd
0030	HMA Quality Initiative	5010007	9,950.000	Dlr
0040	Longitudinal Joint Density Quality Initiative	5010018	2,300.000	Dlr
0050	HMA, 5E10	5010058	4,220.000	Ton
0060	HMA Approach	5010061	755.000	Ton
0070	Joint, Contraction, Cp	6020200	108.000	Ft
0080	Cement	6030005	56.000	Ton
0090	Crack Sealing, Conc Pavt	6030010	2,696.000	Ft
0100	Diamond Grinding Conc Pavt	6030015	7,000.000	Syd
0110	Joint, Contraction, Crg	6030020	4,407.000	Ft
0120	Joint, Expansion, Erg	6030021	100.000	Ft
0130	Lane Tie, Epoxy Anchored	6030030	700.000	Ea
0140	Non-Chloride Accelerator	6030035	2,371.000	Gal
0150	Pavt Repr, Nonreinf Conc, 11 inch	6030050	3,798.000	Syd
0160	Pavt Repr, Rem	6030080	3,798.000	Syd
0170	Saw Cut, Intermediate	6030090	1,780.000	Ft
0180	Sawing and Sealing Longit Pavt Joints	6030095	353.000	Ft
0190	Sawing and Sealing Trans Pavt Joints	6030096	2,697.000	Ft
0200	Resealing Trans Joints with Hot-Poured Rubber	6030100	7,888.000	Ft
0210	Resealing Longit Joints with Hot-Poured Rubber	6030101	826.000	Ft
0220	_ Joint, Tied, 2.5 foot, Special	6037001	295.000	Ft
0230	_ Pavt Repr, 2.5 foot, Nonreinf, 11 inch, Special	6037011	82.000	Syd
0240	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	82.000	Syd
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	180.000	Ft
0260	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	7.000	Ea
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	310.000	Ft

0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,578.000	Ft
0290	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	8,751.000	Ft
0300	Rem Raised Pavt Marker	8110332	15.000	Ea
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0330	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	5.000	Ea
0340	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	13,064.000	Ft
0350	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	84,642.000	Ft
0360	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	2,685.000	Ft
0370	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	80,895.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	31.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	31.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,260.000	Ft
0440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,440.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,440.000	Ft
0470	Plastic Drum, Fluorescent, Furn	8120252	1,333.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	1,333.000	Ea
0490	Sign Cover	8120310	44.000	Ea
0500	Sign Cover, Type 1	8120320	19.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	15.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	15.000	Ea
0530	Sign, Type A, Temp, Prismatic, Furn	8120340	196.000	Sft
0540	Sign, Type A, Temp, Prismatic, Oper	8120341	196.000	Sft
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	6,974.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	6,974.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	54.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	54.000	Sft
0590	Contractor Staking	8240001	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 190503 016**Letting Date:** May 3, 2019**Contract ID:** 63000-203651

Description: 0.64 mi of hot mix asphalt reconstruction, concrete box culvert replacement, retaining wall, pavement, curb, gutter, sidewalk and ramps, earth excavation, aggregate base, storm sewer, signals and pavement markings on West Maple Road at Middlebelt Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203651A	1900596	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$512,700.00	1500001	1.000	LSUM
0020	_ Clearing, RCOC	2017012	0.560	Acre
0030	_ Grubbing, RCOC	2017012	0.760	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	22.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0080	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0090	Dr Structure, Abandon	2030010	5.000	Ea
0100	Dr Structure, Rem	2030011	8.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	837.000	Ft
0120	Sewer, Rem, 24 inch to 48 inch	2030016	43.000	Ft
0130	_ Sanitary Manhole, Rem	2037050	1.000	Ea
0140	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0150	Curb and Gutter, Rem	2040020	507.000	Ft
0160	Fence, Rem	2040025	176.000	Ft
0170	Guardrail, Rem	2040035	988.000	Ft
0180	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0190	Pavt, Rem	2040050	10,171.000	Syd
0200	Sidewalk, Rem	2040055	720.000	Syd
0210	Structures, Rem Portions	2040061	1.000	LSUM
0220	Utility Pole, Rem	2040070	8.000	Ea
0230	_ Gas Utility, Rem	2047001	1,000.000	Ft
0240	_ Telephone Utility, Rem	2047001	2,800.000	Ft
0250	_ Brick, Salv and Replace	2047010	11.000	Sft
0260	Embankment, CIP	2050010	10,653.000	Cyd
0270	Excavation, Earth	2050016	12,751.000	Cyd

0280	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0290	_ Excavation, Earth, RCOC	2057011	1,751.000	Syd
0300	_ Exploration for Utility Location	2057021	550.000	Cyd
0310	_ Subgrade Undercutting, 21AA	2057021	4,420.000	Cyd
0320	_ Subgrade Undercutting, 3 by 1	2057021	1,000.000	Cyd
0330	Backfill, Structure, CIP	2060002	2,164.000	Cyd
0340	Excavation, Fdn	2060010	2,466.000	Cyd
0350	_ Flowable Fill	2067021	144.000	Cyd
0360	Erosion Control, Sediment Trap	2080034	6.000	Ea
0370	Erosion Control, Turbidity Curtain, Shallow	2080044	40.000	Ft
0380	_ Erosion Control, Check Dam, Stone, RCOC	2087001	288.000	Ft
0390	_ Erosion Control, Silt Fence, RCOC	2087001	2,197.000	Ft
0400	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	64.000	Ea
0410	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	3.000	Ea
0420	_ Aggregate Base, 10 inch, CIP, 21AA, RCOC	3027011	20,234.000	Syd
0430	_ Aggregate Base, 3 inch, CIP, 21AA, RCOC	3027011	146.000	Syd
0440	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	3,371.000	Syd
0450	_ Aggregate Base, 8 inch, CIP, 21AA, RCOC	3027011	542.000	Syd
0460	Maintenance Gravel	3060020	179.000	Ton
0470	_ Shoulder, 21AA, 9 inch	3077011	613.000	Syd
0480	_ Approach, 21AA	3077031	10.000	Ton
0490	_ Biaxial Geogrid	3087011	1,800.000	Syd
0500	_ Geotextile Fabric, Type NW 8	3087011	1,800.000	Syd
0510	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0520	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0530	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0540	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0550	Culv End Sect, Footing	4010072	3.000	Ea
0560	Culv End Sect, Grate	4010083	671.000	Lb
0570	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0580	Outfall Label	4011115	2.000	Ea
0590	_ Culv, CI F, CSP, 12 inch, RCOC	4017001	30.000	Ft
0600	Sewer, CI IV, 12 inch, Tr Det B	4020987	488.000	Ft
0610	Sewer, CI IV, 15 inch, Tr Det B	4020988	1,735.000	Ft
0620	Sewer, CI IV, 18 inch, Tr Det B	4020989	405.000	Ft
0630	Sewer, CI IV, 24 inch, Tr Det B	4020993	848.000	Ft
0640	Sewer, CI IV, 30 inch, Tr Det B	4020994	142.000	Ft
0650	Sewer, CI IV, 96 inch, Tr Det B	4021005	222.000	Ft
0660	Sewer Tap, 15 inch	4021205	1.000	Ea
0670	Trench Undercut and Backfill	4021260	500.000	Cyd
0680	Video Taping Sewer and Culv Pipe	4021275	3,825.000	Ft
0690	_ Sanitary Sewer, CI V, 15 inch, OCWRC	4027001	99.000	Ft
0700	_ Sanitary Sewer, Tap, 15 inch	4027050	2.000	Ea
0710	_ Sewer Cap, 96 inch	4027050	1.000	Ea

0720	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0730	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0740	Dr Structure Cover, Type B	4030010	14.000	Ea
0750	Dr Structure Cover, Type C	4030015	4.000	Ea
0760	Dr Structure Cover, Type D	4030025	2.000	Ea
0770	Dr Structure Cover, Type E	4030035	2.000	Ea
0780	Dr Structure Cover, Type J	4030045	32.000	Ea
0790	Dr Structure Cover, Type K	4030050	16.000	Ea
0800	Dr Structure Cover, Type VG	4030090	4.000	Ea
0810	Dr Structure, 24 inch dia	4030200	9.000	Ea
0820	Dr Structure, 48 inch dia	4030210	45.000	Ea
0830	Dr Structure, 60 inch dia	4030220	5.000	Ea
0840	Dr Structure, 72 inch dia	4030230	4.000	Ea
0850	Dr Structure, 84 inch dia	4030231	2.000	Ea
0860	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	10.000	Ft
0870	Dr Structure, Add Depth of 84 inch dia, more than 15 foot	4030233	3.000	Ft
0880	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	31.000	Ft
0890	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
0900	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	8.000	Ft
0910	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0920	Dr Structure, Adj, Add Depth	4030280	22.000	Ft
0930	Drop Inlet, Type 1	4030395	2.000	Ea
0940	Mh, Precast Tee, CI IV, 96 inch	4030796	1.000	Ea
0950	_ Public Utility Structure, Adj, Add Depth	4037001	30.000	Ft
0960	_ Sanitary Manhole, Add Depth, 8 feet to 15 feet	4037001	11.000	Ft
0970	_ Hydrodynamic Separator Structure, 1.8 cfs	4037050	1.000	Ea
0980	_ Hydrodynamic Separator Structure, 4.3 cfs	4037050	1.000	Ea
0990	_ Public Utility Structure Cover	4037050	6.000	Ea
1000	_ Public Utility Structure Cover, Adj, Case 1	4037050	7.000	Ea
1010	_ Public Utility Structure Cover, Adj, Case 2	4037050	8.000	Ea
1020	_ Sanitary Manhole, 48 inch	4037050	2.000	Ea
1030	_ Sediment Trap, 30 inch dia Outlet	4037050	1.000	Ea
1040	_ Stormwater Detention Vault, RCOC	4037050	1.000	Ea
1050	Underdrain Outlet, 6 inch	4040093	640.000	Ft
1060	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	7,978.000	Ft
1070	Culv Bedding, Box Culv	4060005	81.000	Cyd
1080	_ Culv, Precast Conc Box, 15 foot by 9 foot, Modified	4067001	84.000	Ft
1090	HMA Surface, Rem	5010005	11,582.000	Syd
1100	Hand Patching	5010025	300.000	Ton
1110	HMA, 3E3	5010045	2,383.000	Ton
1120	HMA, 4E3	5010051	3,175.000	Ton

1130	HMA, 5E3	5010057	1,589.000	Ton
1140	_ HMA Approach, Commercial	5017031	124.000	Ton
1150	_ HMA Approach, Residential	5017031	61.000	Ton
1160	_ HMA Approach, Side Street	5017031	96.000	Ton
1170	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
1180	Joint, Expansion, E2	6020207	53.000	Ft
1190	Joint, Plane-of-Weakness, W	6020211	120.000	Ft
1200	_ Cold Weather Protection, Curb	6027001	1,250.000	Ft
1210	_ Concrete Landscape Bed Edging, Reinf, 8 inch	6027001	132.000	Ft
1220	_ Cold Weather Protection, Pavement	6027011	200.000	Syd
1230	_ Conc Pavt, Misc, Decorative Colored, 10 inch	6027011	231.000	Syd
1240	_ Conc Pavt, Misc, Decorative Colored, 6 inch	6027011	425.000	Syd
1250	Conc, Grade S2	7060011	239.000	Cyd
1260	Reinforcement, Steel, Epoxy Coated	7060092	34,601.000	Lb
1270	_ Segmental Block Retaining Wall	7067010	6,588.000	Sft
1280	_ Bridge Railing, Aesthetic Parapet Tube, RCOC	7117001	625.000	Ft
1290	_ Pedestrian Path, Temp	8007001	70.000	Ft
1300	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
1310	Driveway, Nonreinf Conc, 6 inch	8010005	115.000	Syd
1320	Curb, Conc, Det E1	8020001	176.000	Ft
1330	Curb, Conc, Det E2	8020002	160.000	Ft
1340	Curb and Gutter, Conc, Det B2	8020016	4,243.000	Ft
1350	Curb and Gutter, Conc, Det D2	8020031	421.000	Ft
1360	Curb and Gutter, Conc, Det F4	8020038	2,828.000	Ft
1370	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
1380	_ Curb and Gutter, Conc, Det D2, RCOC	8027001	255.000	Ft
1390	_ Driveway Opening, Conc, Det M, RCOC	8027001	300.000	Ft
1400	_ Spillway, Conc, RCOC	8027001	96.000	Ft
1410	Curb Ramp Opening, Conc	8030030	216.000	Ft
1420	Sidewalk Ramp, Conc, 6 inch	8030036	2,078.000	Sft
1430	Sidewalk, Conc, 4 inch	8030044	22,067.000	Sft
1440	Sidewalk, Conc, 6 inch	8030046	985.000	Sft
1450	_ Detectable Warning Surface, RCOC	8037001	144.000	Ft
1460	Guardrail, Type MGS-8	8070004	235.000	Ft
1470	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
1480	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
1490	Guardrail Reflector	8070080	14.000	Ea
1500	Post, Mailbox	8070095	10.000	Ea
1510	_ Guardrail, Wood Back	8077001	52.000	Ft
1520	_ Fence, Decorative, 48 inch	8087001	420.000	Ft
1530	Post, Steel, 3 lb	8100371	940.000	Ft
1540	Post, Wood, 4 inch by 6 inch	8100380	104.000	Ft
1550	Sign, Type II, Erect, Salv	8100396	3.000	Ea
1560	Sign, Type II, Rem	8100397	3.000	Ea
1570	Sign, Type IIA	8100398	66.000	Sft

1580	Sign, Type IIB	8100399	32.000	Sft
1590	Sign, Type III, Rem	8100403	49.000	Ea
1600	Sign, Type IIIA	8100404	36.000	Sft
1610	Sign, Type IIIB	8100405	245.000	Sft
1620	_ Mast Arm Pole Fdn, RCOC	8107001	126.000	Ft
1630	_ Mast Arm Pole, Cat III, Install Only	8107050	9.000	Ea
1640	_ Mast Arm, 20 foot, Cat III, Install Only	8107050	3.000	Ea
1650	_ Mast Arm, 25 foot, Cat III, Install Only	8107050	5.000	Ea
1660	_ Mast Arm, 35 foot, Cat III, Install Only	8107050	1.000	Ea
1670	_ Post Hole Through Conc. For Steel Post- 6 Inch Diameter	8107050	27.000	Ea
1680	_ Post, Flexible, Delineator, RCOC	8107050	2.000	Ea
1690	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	254.000	Ft
1700	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1710	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	9.000	Ea
1720	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
1730	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
1740	Recessing Pavt Mrkg, Longit	8110450	11,610.000	Ft
1750	Recessing Pavt Mrkg, Transv	8110451	100.000	Sft
1760	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	7,610.000	Ft
1770	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 8 inch, White	8110492	290.000	Ft
1780	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, Yellow	8110494	8,060.000	Ft
1790	_ Pavt Mrkg, Ovly Cold Plastic, 24 inch, Crosswalk	8117001	330.000	Ft
1800	_ Pavt Mrkg, Ovly Cold Plastic, 6 inch, Cross Hatching, White	8117001	50.000	Ft
1810	_ Pavt Mrkg, Ovly Cold Plastic, 6 inch, Cross Hatching, Yellow	8117001	160.000	Ft
1820	_ Pavt Mrkg, Ovly Cold Plastic, Circle (Roundabout) Symbol	8117050	6.000	Ea
1830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
1840	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
1850	Pedestrian Type II Channelizer, Temp	8120027	750.000	Ft
1860	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
1870	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
1880	Dust Palliative, Applied	8120100	5.000	Ton
1890	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1900	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1910	Minor Traf Devices	8120170	1.000	LSUM
1920	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,150.000	Ft
1930	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	270.000	Ft
1940	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	300.000	Ft

1950	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
1960	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
1970	Sign Cover	8120310	8.000	Ea
1980	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1990	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
2000	Sign, Type B, Temp, Prismatic, Furn	8120350	860.000	Sft
2010	Sign, Type B, Temp, Prismatic, Oper	8120351	860.000	Sft
2020	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,452.000	Sft
2030	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,452.000	Sft
2040	Traf Regulator Control	8120370	1.000	LSUM
2050	_ Pedestrian Barrier With Fence, Temp	8127001	635.000	Ft
2060	_ Riprap, Heavy, RCOC	8137011	278.000	Syd
2070	_ Riprap, Plain, RCOC	8137011	206.000	Syd
2080	_ Ditch, Plain Cobble, RCOC	8147011	157.000	Syd
2090	Watering and Cultivating, First Season, Min \$5,000.00	8150002	1.000	LSUM
2100	Watering and Cultivating, Second Season, Min \$5,000.00	8150003	1.000	LSUM
2110	Pennisetum alopecuroides Hameln, #2 cont.	8152640	120.000	Ea
2120	_ Planting Mix, 12 inch depth	8157021	50.000	Cyd
2130	_ Hydrangea panniculata Little Lime, #5 cont.	8157050	38.000	Ea
2140	_ Metasequoia glyptostroboides, 4 inch	8157050	1.000	Ea
2150	_ Turf Establishment, BS Seed, Special Mulch, Performance, RCOC	8167011	653.000	Syd
2160	_ Turf Establishment, ES Seed, Special Mulch, Performance, RCOC	8167011	1,050.000	Syd
2170	_ Turf Establishment, Sod, Performance, RCOC	8167011	1,755.000	Syd
2180	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	16,037.000	Syd
2190	_ Shredded Bark Mulch, 4 inch depth	8167021	17.000	Cyd
2200	_ Irrigation System, complete, begin after Water Tap Assembly	8167051	1.000	LSUM
2210	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
2220	Cable Pole, TS, Disman	8190010	2.000	Ea
2230	Cable, Rem	8190016	1,625.000	Ft
2240	Cable, Sec, Rem	8190017	60.000	Ft
2250	Conduit, DB, 1, 1 1/4 inch	8190026	320.000	Ft
2260	Conduit, DB, 1, 3 inch	8190029	135.000	Ft
2270	Conduit, DB, 3, 3 inch	8190035	335.000	Ft
2280	Conduit, DB, 3, 4 inch	8190036	55.000	Ft
2290	Conduit, Schedule 40, 1 inch	8190145	113.000	Ft
2300	Conduit, Schedule 80 PVC, 4 inch	8190161	950.000	Ft
2310	Hh, Rem	8190254	5.000	Ea
2320	Hh, Round	8190260	11.000	Ea
2330	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
2340	Wood Pole, Rem	8190505	1.000	Ea
2350	Conduit, Directional Bore, 2, 4 inch	8190605	370.000	Ft
2360	_ 3 - #10 AWG cables, XHHW-2, 600V, in conduit	8197001	113.000	Ft

2370	_ Cable, Autoscope Camera, RCOC	8197001	800.000	Ft
2380	_ Cable, P.J., 600V, 1, 7/C#16	8197001	600.000	Ft
2390	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	460.000	Ft
2400	_ Cable, Shielded, 600V, 1, 2/C#16	8197001	325.000	Ft
2410	_ Conduit, DB, 1, 2 inch	8197001	20.000	Ft
2420	_ Conduit, Schedule 40 PVC, 2 inch, RCOC	8197001	1,461.000	Ft
2430	_ Hh, Square, RCOC	8197050	2.000	Ea
2440	Case Sign, Rem	8200020	4.000	Ea
2450	Controller and Cabinet, Rem	8200030	2.000	Ea
2460	Controller Fdn, Base Mount	8200045	3.000	Ea
2470	Controller Fdn, Rem	8200046	2.000	Ea
2480	Fdn, Rem	8200065	1.000	Ea
2490	Metered Serv	8200090	1.000	Ea
2500	Pedestal, Alum	8200100	7.000	Ea
2510	Pedestal, Fdn	8200105	7.000	Ea
2520	Pedestal Fdn, Rem	8200106	1.000	Ea
2530	Pedestal, Rem	8200110	1.000	Ea
2540	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
2550	Pushbutton, Rem	8200122	4.000	Ea
2560	Push Button Station and Sign	8200128	16.000	Ea
2570	Serv Disconnect	8200135	3.000	Ea
2580	Serv Disconnect, Rem	8200136	1.000	Ea
2590	Steel Pole, Rem	8200145	1.000	Ea
2600	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
2610	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2620	TS, Span Wire Mtd, Rem	8200182	20.000	Ea
2630	Pedestrian Signal System, Accessible	8200240	2.000	Ea
2640	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
2650	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
2660	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	9.000	Ea
2670	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
2680	Casing	8200480	60.000	Ft
2690	_ Autoscope Camera, Rem, RCOC	8207050	4.000	Ea
2700	_ Bracket Arm, 12 foot, RCOC	8207050	1.000	Ea
2710	_ Bracket Arm, Rem, RCOC	8207050	4.000	Ea
2720	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	3.000	Ea
2730	_ Controller and Cabinet, Digital Type, RCOC	8207050	3.000	Ea
2740	_ Mast Arm, Mtd, Sign, Type IIIB, RCOC	8207050	9.000	Ea
2750	_ Pushbutton Support Post, RCOC	8207050	1.000	Ea
2760	_ Span Wire, Box, RCOC	8207050	1.000	Ea
2770	_ Span Wire, Box, Rem, RCOC	8207050	2.000	Ea
2780	_ Support Post, Rem, RCOC	8207050	3.000	Ea
2790	_ Tether Wire, Box, RCOC	8207050	1.000	Ea

2800	_ TS, One Way Bracket Arm Mtd, Three Sect (LED), RCOC	8207050	9.000	Ea
2810	_ TS, One Way Mast Arm Mtd, Three Sect (LED), RCOC	8207050	9.000	Ea
2820	_ TS, One Way Pedestal Mtd, Three Sect (LED), RCOC	8207050	7.000	Ea
2830	_ TS, Service Rack, Metered, RCOC	8207050	1.000	Ea
2840	_ Video Surveillance, Camera, RCOC	8207050	1.000	Ea
2850	Monument Box Adjust	8210005	2.000	Ea
2860	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
2870	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
2880	_ AC Water Main, Rem	8237001	80.000	Ft
2890	_ Sprinkler Line	8237001	3,000.000	Ft
2900	_ Water Main Conflict, 12 inch	8237001	30.000	Ft
2910	_ Water Main Conflict, 16 inch	8237001	20.000	Ft
2920	_ Water Main, Abandon, with Flowable Fill	8237001	900.000	Ft
2930	_ Water Main, DI, 12 inch, Tr Det G	8237001	550.000	Ft
2940	_ Water Main, DI, 16 inch, Tr Det G	8237001	309.000	Ft
2950	_ Water Main, DI, 8 inch, Tr Det G	8237001	36.000	Ft
2960	_ Water Main, HDPE DR-11, 12 inch, Directional Bore	8237001	245.000	Ft
2970	_ Water Main, Polyethylene Encasement	8237001	200.000	Ft
2980	_ Water Main, Rem, Modified	8237001	25.000	Ft
2990	_ Connection to Existing Water Main	8237050	6.000	Ea
3000	_ Fire Hydrant, Assembly	8237050	6.000	Ea
3010	_ Gate Valve and Well, 12 inch	8237050	2.000	Ea
3020	_ Gate Valve and Well, 16 inch	8237050	2.000	Ea
3030	_ Gate Valve and Well, 8 inch	8237050	1.000	Ea
3040	_ Gate Well, Rem, Modified	8237050	3.000	Ea
3050	_ Hydrant, Rem, Modified	8237050	8.000	Ea
3060	_ Irrigation Control Box, Relocate	8237050	3.000	Ea
3070	_ Irrigation Control Box, Replace	8237050	3.000	Ea
3080	_ Sprinkler Head, Relocate	8237050	100.000	Ea
3090	_ Sprinkler Head, Replace	8237050	200.000	Ea
3100	_ Water Main, Cut and Cap	8237050	6.000	Ea
3110	Flowable Fill, Non-Structural	8260148	202.000	Cyd
3120	_ Reimbursed Permit Fees	8507060	10,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 017

Letting Date: May 3, 2019

Contract ID: 25000-130633

Description: 0.96 mi of hot mix asphalt cold milling and resurfacing, aggregate base, concrete pavement, joint and crack repairs, driveway, curb, gutter, sidewalk and ramps, drainage, signing and pavement markings on Center Road from Davison Road to Dolphaine Lane in the city of Burton, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130633A	1900578	N/A	EDCF 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$179,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	2,048.000	Ft
0030	Sidewalk, Rem	2040055	237.000	Syd
0040	_ Pavt, Rem, Modified	2047011	15,561.000	Syd
0050	Excavation, Earth	2050016	2,056.000	Cyd
0060	_ Subgrade Undercutting, Type II, Modified	2057021	1,028.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0080	Subbase, CIP	3010002	30.000	Cyd
0090	_ Aggregate Base, 4 inch, Modified	3027011	511.000	Syd
0100	_ Aggregate Base, 6 inch, Modified	3027011	515.000	Syd
0110	_ Aggregate Base, 8 inch, Modified	3027011	15,131.000	Syd
0120	_ Maintenance Gravel, LM, Modified	3067021	232.000	Cyd
0130	Dr Structure Cover, Type B	4030010	16.000	Ea
0140	Dr Structure Cover, Type D	4030025	2.000	Ea
0150	Dr Structure Cover, Type K	4030050	10.000	Ea
0160	Dr Structure Cover, Type Q	4030065	11.000	Ea
0170	Dr Structure, Adj, Add Depth	4030280	50.000	Ft
0180	Dr Structure, Cleaning	4030290	64.000	Ea
0190	_ Dr Structure Cover, Special	4037050	8.000	Ea
0200	_ Dr Structure Cover, Type B, Special	4037050	16.000	Ea
0210	_ Dr Structure Cover, Type D, Special	4037050	2.000	Ea
0220	_ Dr Structure Cover, Type K, Special	4037050	10.000	Ea
0230	_ Dr Structure Cover, Type Q, Special	4037050	11.000	Ea
0240	Pavt, Cleaning	5010001	1.000	LSUM
0250	Cold Milling HMA Surface	5010002	22,298.000	Syd
0260	Pavt for Butt Joints, Rem	5010008	67.000	Syd
0270	Hand Patching	5010025	402.000	Ton

0280	HMA, 3E3	5010045	2,443.000	Ton
0290	HMA, 4E3	5010051	4,324.000	Ton
0300	HMA, 5E3	5010057	4,864.000	Ton
0310	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	1,340.000	Ft
0320	Conc Base Cse, Nonreinf, 6 inch	6020015	102.000	Syd
0330	Lane Tie, Epoxy Anchored	6030030	170.000	Ea
0340	Driveway, Nonreinf Conc, 6 inch	8010005	283.000	Syd
0350	Driveway, Nonreinf Conc, 8 inch	8010007	183.000	Syd
0360	Curb and Gutter, Conc, Det C4	8020023	1,890.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	191.000	Ft
0380	Curb Ramp Opening, Conc	8030030	114.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	1,424.000	Sft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	916.000	Sft
0410	_ Detectable Warning Surface, Cast Iron	8037001	80.000	Ft
0420	Post, Mailbox	8070095	57.000	Ea
0430	Post, Wood, 4 inch by 6 inch	8100380	90.000	Ft
0440	Sign, Type II, Rem	8100397	3.000	Ea
0450	Sign, Type IIA	8100398	57.000	Sft
0460	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0470	Sign, Type III, Rem	8100403	36.000	Ea
0480	Sign, Type IIIA	8100404	95.000	Sft
0490	Sign, Type IIIB	8100405	98.000	Sft
0500	_ Post, Steel, 3 lb, Modified	8107001	312.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0520	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	92.000	Ft
0530	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	162.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,962.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,086.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,962.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,086.000	Ft
0580	Rem Spec Mrkg	8110343	288.000	Sft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0610	Pedestrian Type II Barricade, Temp	8120026	28.000	Ea
0620	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0630	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,200.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	144.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft

0700	Plastic Drum, High Intensity, Furn	8120250	230.000	Ea
0710	Plastic Drum, High Intensity, Oper	8120251	230.000	Ea
0720	Sign Cover	8120310	6.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	999.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	999.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	14.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	14.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	_ Pavt Mrkg, Type R, Tape, 4 inch, Yellow, Temp	8127001	24,820.000	Ft
0790	_ Pedestrian Ramp, Temp	8127050	14.000	Ea
0800	_ Turf Establishment, Performance	8167011	5,600.000	Syd
0810	Gate Box, Adj, Case 1	8230431	2.000	Ea
0820	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190503 018

Letting Date: May 3, 2019

Contract ID: 70000-130728

Description: 2.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on Waverly Road from 16th Street to 48th Street in the city of Holland, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130728A	1900562	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$172,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	405.000	Ft
0040	Sidewalk, Rem	2040055	180.000	Syd
0050	Exploratory Investigation, Vertical	2040080	10.000	Ft
0060	Excavation, Earth	2050016	150.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Erosion Control, Silt Fence	2080036	125.000	Ft
0090	_ Aggregate Base, 21AA, 12 inch, Modified	3027011	558.000	Syd
0100	Maintenance Gravel	3060020	100.000	Ton
0110	Sewer, CI E, 12 inch, Tr Det B	4020600	7.000	Ft
0120	Sewer Tap, 12 inch	4021204	1.000	Ea
0130	Dr Structure Cover, Adj, Case 1	4030005	34.000	Ea
0140	Dr Structure Cover, Type B	4030010	34.000	Ea
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	_ Underdrain, Subbase, 6 inch, Modified	4047001	225.000	Ft
0180	Cold Milling HMA Surface	5010002	60,056.000	Syd
0190	HMA Surface, Rem	5010005	462.000	Syd
0200	Hand Patching	5010025	270.000	Ton
0210	HMA, 3C	5010031	7,312.000	Ton
0220	HMA, 5E3, High Stress	5010515	7,312.000	Ton
0230	_ Cold Milling, HMA Base Repair	5017011	1,800.000	Syd
0240	_ HMA, Base Repair	5017031	200.000	Ton
0250	Conc Pavt, Nonreinf, 6 inch	6020100	42.000	Syd
0260	Curb and Gutter, Conc, Det F4	8020038	281.000	Ft
0270	Driveway Opening, Conc, Det M	8020050	102.000	Ft

0280	_ Curb and Gutter, Conc, Det B2, Modified	8027001	71.000	Ft
0290	_ Concrete Washout Area	8027050	2.000	Ea
0300	Curb Ramp Opening, Conc	8030030	108.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	710.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	675.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	167.000	Sft
0340	_ Detectable Warning Surface, Modified	8037001	120.000	Ft
0350	Post, Steel, 3 lb	8100371	30.000	Ft
0360	Sign, Type IIIB	8100405	50.000	Sft
0370	Pavt Mrkg, Polyurea, 4 inch, White	8110091	5,942.000	Ft
0380	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	25,613.000	Ft
0390	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,130.000	Ft
0400	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	444.000	Ft
0410	Pavt Mrkg, Polyurea, 12 inch, White	8110111	112.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	323.000	Ft
0430	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	22.000	Ea
0440	Pavt Mrkg, Polyurea, Only	8110410	8.000	Ea
0450	Pavt Mrkg, Polyurea, Railroad Sym	8110411	6.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0480	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0490	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0500	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,500.000	Ft
0550	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,500.000	Ft
0560	Sign Cover	8120310	10.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	578.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	578.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	148.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	148.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	Mulch Blanket	8160027	325.000	Syd
0630	_ Restoration	8167051	1.000	LSUM
0640	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0650	Flsh Beacon, Solar Power, Dual	8200073	2.000	Ea
0660	Pedestal, Alum	8200100	2.000	Ea
0670	Pedestal, Fdn	8200105	2.000	Ea
0680	Pushbutton and Sign	8200121	2.000	Ea
0690	Traf Loop, Presence	8200171	9.000	Ea
0700	Fire Hydrant	8230040	1.000	Ea

0710	Gate Box, Adj, Case 1	8230431	18.000	Ea
0720	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	54.000	Ft
0730	_ Reducer, 8 inch by 6 inch	8237050	1.000	Ea
0740	_ Sanitary Structure Frame and Cover	8257050	14.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 019

Letting Date: May 3, 2019

Contract ID: 52000-129801

Description: 3.15 mi of hot mix asphalt crushing, shaping and resurfacing on County Road 426 from west of the Delta county line to west of County Road SA, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129801A	1900491	N/A	STL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$96,600.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0030	Structures, Rem	2040060	1.000	LSUM
0040	Ditch Cleanout	2050006	2.000	Sta
0050	Embankment, CIP	2050010	1,150.000	Cyd
0060	Backfill, Structure, CIP	2060002	400.000	Cyd
0070	Excavation, Fdn	2060010	800.000	Cyd
0080	Erosion Control, Silt Fence	2080036	500.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base, 3 inch	3020008	48,562.000	Syd
0110	HMA Base Crushing and Shaping	3050002	48,562.000	Syd
0120	Approach, CI III	3070041	50.000	Ton
0130	Shoulder, CI III, 4 inch	3070146	7,400.000	Syd
0140	Culv End Sect, Conc, 36 inch	4010053	4.000	Ea
0150	Culv, CI E, Conc, 36 inch	4010578	80.000	Ft
0160	Trench Undercut and Backfill	4021260	20.000	Cyd
0170	Underdrain, Fdn, 4 inch	4040031	360.000	Ft
0180	Underdrain, Outlet Ending, 4 inch	4040111	12.000	Ea
0190	Culv Bedding, Box Culv	4060005	60.000	Cyd
0200	Culv, Precast Conc Box, 5 foot by 3 foot	4060102	48.000	Ft
0210	Culv, Precast Conc Box, 6 foot by 4 foot	4060106	48.000	Ft
0220	Culv, Precast Conc Box, 7 foot by 4 foot	4060110	48.000	Ft
0230	HMA, 4E3	5010051	5,291.000	Ton
0240	HMA, 5E3	5010057	3,968.000	Ton
0250	HMA Approach	5010061	90.000	Ton
0260	Cofferdams	7040007	1.000	LSUM
0270	Curb and Gutter, Conc, Det B2	8020016	268.000	Ft
0280	Post, Mailbox	8070095	2.000	Ea

0290	Post, Steel, 2 lb	8100370	1,200.000	Ft
0300	Sign, Type IIIA	8100404	13.000	Sft
0310	Sign, Type IIIB	8100405	204.000	Sft
0320	Recessing Pavt Mrkg, Longit	8110450	51,663.000	Ft
0330	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, White	8110510	33,300.000	Ft
0340	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, Yellow	8110514	18,363.000	Ft
0350	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,332.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	333.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	333.000	Ea
0410	Sign Cover	8120310	3.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	Riprap, Plain	8130010	100.000	Syd
0460	_ Slope Restoration, Modified	8167011	4,550.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190503 020**Letting Date:** May 3, 2019**Contract ID:** 47000-133153

Description: Deck surface repair, joint replacement and cleaning, painting the substructure steel, storm sewer and approach work on Crouse Road over North Ore Creek, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133153A	1900568	N/A	BHT 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	66.000	Ft
0040	Guardrail, Rem	2040035	120.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0060	Pavt, Rem	2040050	245.000	Syd
0070	_ Clearing, Modified	2047051	1.000	LSUM
0080	Embankment, CIP	2050010	14.000	Cyd
0090	Excavation, Earth	2050016	65.000	Cyd
0100	Backfill, Structure, CIP	2060002	35.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0120	Erosion Control, Silt Fence	2080036	340.000	Ft
0130	Aggregate Base	3020001	3.000	Ton
0140	Culv, Downspout, 12 inch	4010795	23.000	Ft
0150	Sewer, Cl A, 12 inch, Tr Det A	4020004	42.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0170	Dr Structure Cover, Type D	4030025	1.000	Ea
0180	Dr Structure, 48 inch dia	4030210	1.000	Ea
0190	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0200	Hand Patching	5010025	5.000	Ton
0210	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	33.000	Syd
0220	Joint, Expansion, E2	6020207	22.000	Ft
0230	Joint, Expansion, E3	6020208	91.000	Ft
0240	Conc Pavt, Bridge Approach, Reinf	6020600	157.000	Syd
0250	Joint, Expansion, Erg	6030021	30.000	Ft
0260	Reinforcement, Steel, Culv and Headwall	7060091	40.000	Lb
0270	Curb and Gutter, Bridge Approach	8020010	154.000	Ft

0280	Downspout Header, Conc	8020070	1.000	Ea
0290	Guardrail, Type B	8070000	13.000	Ft
0300	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0310	Guardrail Reflector	8070080	4.000	Ea
0320	_ Guardrail Approach Terminal, Type 1B, Special	8077050	1.000	Ea
0330	_ Guardrail Approach Terminal, Type 2B, Special	8077050	1.000	Ea
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	680.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	680.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	680.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	680.000	Ft
0380	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	960.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0440	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	310.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	310.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	308.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	308.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Riprap, Plain	8130010	3.000	Syd
0520	Slope Restoration, Type B	8160101	520.000	Syd

Section: 2

0530	Conc, Grade D	7060010	23.000	Cyd
0540	Expansion Joint Device	7060050	94.000	Ft
0550	False Decking	7060060	4,830.000	Sft
0560	Reinforcement, Steel, Epoxy Coated	7060092	2,710.000	Lb
0570	Substructure Horizontal Surface Sealer (SN 5873)	7100030	29.000	Syd
0580	Scarifying	7120001	466.000	Syd
0590	Hand Chipping, Other Than Deck	7120007	45.000	Cft
0600	Patch, Forming	7120017	165.000	Sft
0610	Bridge Deck Surface Construction	7120025	466.000	Syd
0620	Conc, Silica Fume Modified	7120027	65.000	Cyd
0630	Deck Joint, Rem	7120071	94.000	Ft
0640	Hydrodemolition, First Pass	7120076	466.000	Syd
0650	Hydrodemolition, Second Pass	7120077	19.000	Syd
0660	Patching Conc, C-L	7120112	2.000	Cyd
0670	Embedded Galvanic Anode	7120120	150.000	Ea

0680	Beam Plate, Seal Perimeter	7130010	750.000	Ft
0690	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0700	Steel Structure, Coating, Type 4	7150046	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190503 021**Letting Date:** May 3, 2019**Contract ID:** 49000-205955

Description: 5.30 mi of hot mix asphalt ultra-thin overlay, shoulder gravel and pavement markings on Manistique Lakes Road (County Highway 33) from US-2 to Camp A Road, Mackinac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205955A	1900503	N/A	STL 49000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,425.000	Ton
0030	_ HMA Ultra-thin Overlay	5017031	2,610.000	Ton
0040	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	42,870.000	Ft
0050	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,400.000	Ft
0060	Channelizing Device, 42 inch, Furn	8120030	64.000	Ea
0070	Channelizing Device, 42 inch, Oper	8120031	64.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,715.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	384.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	384.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	Monument Box Adjust	8210005	6.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 022

Letting Date: May 3, 2019

Contract ID: 41000-200479-2

Description: 0.01 mi of hot mix asphalt cold milling and resurfacing, concrete paving, curb, gutter, sidewalk and ramps, signals, signing and pavement markings on Madison Avenue at Alger Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200479A	1800860	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	_ Curb and Gutter, Rem, Modified	2047001	844.000	Ft
0050	_ Pavt, Rem, Modified	2047011	843.000	Syd
0060	_ Sidewalk, Rem, Modified	2047011	590.000	Syd
0070	_ Speed Bump, Removal	2047011	45.000	Syd
0080	Embankment, CIP	2050010	13.000	Cyd
0090	Excavation, Earth	2050016	216.000	Cyd
0100	_ Storm Water Operator's Inspection	2087050	10.000	Ea
0110	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0120	Project Cleanup	2090001	1.000	LSUM
0130	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0140	Aggregate Base, 6 inch	3020016	557.000	Syd
0150	_ Aggregate Base, 8 inch, Modified	3027011	785.000	Syd
0160	_ Dr Structure Cover, Adj, Special	4037050	7.000	Ea
0170	Cold Milling HMA Surface	5010002	2,322.000	Syd
0180	Hand Patching	5010025	22.000	Ton
0190	HMA, 13A	5010033	211.000	Ton
0200	HMA, LVSP	5010703	155.000	Ton
0210	_ Conc Base Cse, Nonreinf, 4.5 inch	6027011	155.000	Syd
0220	_ Combined Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	549.000	Ft
0230	_ Roll Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan	8027001	356.000	Ft
0240	Curb Ramp Opening, Conc	8030030	103.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	1,545.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	3,464.000	Sft

0270	_ Detectable Warning Surface, Modified	8037001	83.000	Ft
0280	Sign, Type III, Rem	8100403	11.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,890.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	677.000	Ft
0320	Rem Spec Mrkg	8110343	158.000	Sft
0330	_ Pavt Mrkg, Waterborne, Directional Arrow Symbol, Bike	8117050	6.000	Ea
0340	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Symbol	8117050	2.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	100.000	Ea
0380	Pedestrian Type II Channelizer, Temp Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0390	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0460	_ Pedestrian Ramp, Temp	8127050	8.000	Ea
0470	_ Dust Control	8127051	1.000	LSUM
0480	Nyssa sylvatica, 2 inch	8152513	1.000	Ea
0490	Pyrus calleryana Aristocrat, 2 inch	8153009	7.000	Ea
0500	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0510	_ Turf Establishment	8167011	691.000	Syd
0520	_ Turf Watering	8167050	10.000	Ea
0530	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea
0540	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
0550	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
0560	Hh, Round, 3 foot dia	8190259	1.000	Ea
0570	Hh, Round	8190260	3.000	Ea
0580	Light Std Arm, Install Salv	8190276	1.000	Ea
0590	Light Std Arm, Rem and Salv	8190278	1.000	Ea
0600	Luminaire, Install Salv	8190350	1.000	Ea
0610	Luminaire, Rem and Salv	8190365	1.000	Ea
0620	Cable, Sec, 600V, 3, 1/C#6	8190407	500.000	Ft
0630	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0640	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	193.000	Ft
0650	Conduit, Directional Bore, 3, 3 inch	8190606	193.000	Ft
0660	Controller and Cabinet, Rem	8200030	1.000	Ea
0670	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0680	Controller Fdn, Base Mount	8200045	1.000	Ea
0690	Global Positioning System Module	8200050	1.000	Ea

0700	Pedestal Fdn, Rem	8200106	2.000	Ea
0710	Pedestal, Rem	8200110	2.000	Ea
0720	Serv Disconnect	8200135	1.000	Ea
0730	Span Wire Tether	8200142	1.000	Ea
0740	Strain Pole, Steel, Anchor Base, 30 foot	8200155	3.000	Ea
0750	Strain Pole, Steel, Anchor Fdn	8200165	3.000	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	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0800	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0810	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0820	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0830	Hemispherical Video Detection Camera	8200444	1.000	Ea
0840	Hemispherical Video Detection System	8200445	1.000	Ea
0850	Casing	8200480	27.000	Ft
0860	Backplate, TS	8200501	12.000	Ea
0870	_ Road Side Unit, Modified	8207001	1.000	Ft
0880	_ GPS Opticom System	8207050	1.000	Ea
0890	_ Opticom Infrared System	8207050	1.000	Ea
0900	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Modified	8207050	1.000	Ea
0910	_ Valve Box, Adjust	8237050	4.000	Ea
0920	_ Valve Box, Furnish	8237050	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 023**Letting Date:** May 3, 2019**Contract ID:** 41000-203485**Description:** 0.31 mi of hot mix asphalt reconstruction of intersection vertical curve modification on Shaner Avenue at 15 Mile Road, Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203485A	1900552	N/A	HRRR 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	4.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	20.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0050	Embankment, CIP	2050010	922.000	Cyd
0060	Excavation, Earth	2050016	3,629.000	Cyd
0070	Erosion Control, Silt Fence	2080036	500.000	Ft
0080	_ Project Cleanup, Modified	2097051	1.000	LSUM
0090	Subbase, CIP	3010002	2,473.000	Cyd
0100	Approach, CI II, 6 inch	3070028	455.000	Syd
0110	_ Aggregate Base, CIP, Modified	3077021	964.000	Cyd
0120	Culv End Sect, Conc, 15 inch	4010048	3.000	Ea
0130	Culv End Sect, Metal, 15 inch	4010095	1.000	Ea
0140	Culv, CI A, Conc, 15 inch	4010166	96.000	Ft
0150	Video Taping Sewer and Culv Pipe	4021275	396.000	Ft
0160	_ Sewer, CI A, Perforated SLCPP w/ Sock, 15 Inch Tr Det B, Modified	4027001	300.000	Ft
0170	Dr Structure Cover, Type K	4030050	1.000	Ea
0180	Dr Structure, 48 inch dia	4030210	1.000	Ea
0190	_ Underdrain, Subbase, 6 inch, Modified	4047001	2,175.000	Ft
0200	HMA Surface, Rem	5010005	4,827.000	Syd
0210	HMA, 3C	5010031	722.000	Ton
0220	HMA, 5E1	5010056	494.000	Ton
0230	HMA Approach	5010061	87.000	Ton
0240	_ HMA Spillway	5017001	40.000	Ft
0250	Curb and Gutter, Conc, Det B2	8020016	270.000	Ft
0260	Post, Mailbox	8070095	8.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,250.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,250.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	484.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	484.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0380	Riprap, Plain	8130010	15.000	Syd
0390	Mulch Blanket, High Velocity	8160028	450.000	Syd
0400	Topsoil Surface, Salv, 4 inch	8160077	5,800.000	Syd
0410	_ Roadside Seeding	8167011	5,800.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190503 024**Letting Date:** May 3, 2019**Contract ID:** 75000-203397

Description: 5.54 mi of single chip seal, fog seal and pavement markings on County Road 434 from US-2 to County Road 432 and on County Road 436 (Ackley Road) east of M-77, Schoolcraft County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203397A	1900442	N/A	STL 75000
205496A	1900487	N/A	STL 75000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,600.00	1500001	1.000	LSUM
0020	_ Seal, Fog	5057011	77,886.000	Syd
0030	_ Seal, Single-Chip, Modified	5057011	77,886.000	Syd
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	59,480.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	49,970.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	59,480.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	49,970.000	Ft
0090	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
0100	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0110	Pavt Mrkg, Thermopl, Rumble Strip	8110470	715.000	Ft
0120	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	595.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	1,452.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,452.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM



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Report v1

Letting Call: 190503 025**Letting Date:** May 3, 2019**Contract ID:** 34000-206164**Description:** 2.00 mi of hot mix asphalt cold milling and resurfacing, shoulders and approach work on Goodwin Road from Little Libhart Creek to Lyons Road, Ionia County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206164A	1900532	N/A	STL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,400.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	15.000	Syd
0030	Approach, CI II	3070021	35.000	Ton
0040	Shoulder, CI II	3070121	450.000	Ton
0050	Cold Milling HMA Surface	5010002	40.000	Syd
0060	HMA Approach	5010061	5.000	Ton
0070	HMA, LVSP	5010703	3,350.000	Ton
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	358.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	358.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190503 026**Letting Date:** May 3, 2019**Contract ID:** 25000-203177

Description: 0.40 mi of hot mix asphalt cold milling and resurfacing, high friction surface treatment, guardrail, signing, culvert repair and pavement markings on Torrey Road from Crane Road to Lahring Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203177A	1900441	N/A	HSIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,900.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,145.000	Ft
0030	Excavation, Earth	2050016	10.000	Cyd
0040	Erosion Control, Silt Fence	2080036	300.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0060	_ Shoulder, CI II, Modified	3027031	26.000	Ton
0070	_ Culvert Repair, Special	4017051	1.000	LSUM
0080	Cold Milling HMA Surface	5010002	5,808.000	Syd
0090	HMA, 13A	5010033	481.000	Ton
0100	High Friction Surface Treatment	5060800	3,202.000	Syd
0110	Guardrail, Type MGS-8	8070004	1,013.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0130	Guardrail Reflector	8070080	56.000	Ea
0140	Post, Steel, 3 lb	8100371	560.000	Ft
0150	Sign, Type III, Rem	8100403	30.000	Ea
0160	Sign, Type IIIB	8100405	299.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	29.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,638.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,900.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,638.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,900.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	250.000	Ft
0280	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	500.000	Ft
0290	Sign Cover	8120310	20.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	333.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	333.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	183.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	183.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Turf Establishment, Performance	8167011	60.000	Syd



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Report v1

Letting Call: 190503 027**Letting Date:** May 3, 2019**Contract ID:** 56000-203304

Description: Provide scour countermeasures around North Abutment and Pier 2 and reshape channel on South Homer Road over Chippewa River, Midland County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203304A	1900466	N/A	ER 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,200.00	1500001	1.000	LSUM
0020	Guardrail, Salv	8070075	50.000	Ft
0030	Guardrail, Reconst, Type B	8070105	50.000	Ft
0040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Plastic Drum, High Intensity, Lighted, Furn	8120260	50.000	Ea
0080	Plastic Drum, High Intensity, Lighted, Oper	8120261	50.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	160.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	160.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM
0120	_ Slope Restoration, Modified	8167011	450.000	Syd

Section: 2

0130	Masonry and Conc Structure, Rem	2040045	355.000	Cyd
0140	Embankment, LM	2050011	50.000	Cyd
0150	Excavation, Channel	2050015	200.000	Cyd
0160	Excavation, Earth	2050016	155.000	Cyd
0170	_ Soil Densification with High Density Polyurethane	2057030	4,800.000	Lb
0180	Erosion Control, Silt Fence	2080036	150.000	Ft
0190	Erosion Control, Turbidity Curtain, Deep	2080042	300.000	Ft
0200	Geotextile, Separator	3080005	120.000	Syd
0210	_ Riprap, Special, Class I	8137031	65.000	Ton
0220	_ Riprap, Special, Class III	8137031	390.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 190503 028**Letting Date:** May 3, 2019**Contract ID:** 61000-202854

Description: 0.01 mi of installation of concrete sidewalk, sidewalk ramps, flashing beacon and pavement markings on Seminole Road east of Padelt Street in the city of Norton Shores, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202854A	1900540	N/A	HSIP 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$3,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	22.000	Ft
0030	Pavt, Rem	2040050	3.000	Syd
0040	Exploratory Investigation, Vertical	2040080	6.000	Ft
0050	Excavation, Earth	2050016	23.000	Cyd
0060	Machine Grading	2050030	1.000	Sta
0070	Hand Patching	5010025	2.000	Ton
0080	Detectable Warning Surface	8030010	24.000	Ft
0090	Curb Ramp Opening, Conc	8030030	22.000	Ft
0100	Sidewalk Ramp, Conc, 6 inch	8030036	84.000	Sft
0110	Sidewalk, Conc, 4 inch	8030044	613.000	Sft
0120	Post, Steel, 3 lb	8100371	15.000	Ft
0130	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0140	Sign, Type III, Rem	8100403	1.000	Ea
0150	Sign, Type IIIB	8100405	55.000	Sft
0160	Pavt Mrkg, Waterborne, 12 inch, White	8110237	90.000	Ft
0170	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	174.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	90.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	174.000	Ft
0200	_ Pavt Mrkg, Waterborne, Yield Triangle Sym	8117050	10.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	92.000	Ft
0260	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea

0270	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	147.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	147.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Pedestrian Path, Temp	8127001	32.000	Ft
0320	Fertilizer, Chemical Nutrient, CI A	8160020	11.000	Lb
0330	Mulch Blanket	8160027	230.000	Syd
0340	Seeding, Mixture TDS	8160037	11.000	Lb
0350	Topsoil Surface, Furn, 4 inch	8160062	230.000	Syd
0360	Gate Box, Adj, Case 2	8230432	1.000	Ea
0370	_ Flashing Beacon Sign Assembly, Rectangular Rapid, Solar Power	8507050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 029

Letting Date: May 3, 2019

Contract ID: 63000-203264

Description: 0.25 mi of hot mix asphalt road reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, drainage, aggregate base, signing, signals and pavement markings on Adams Road at Gunn Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203264A	1900565	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$209,600.00	1500001	1.000	LSUM
0020	_ Grubbing, RCOC	2017012	0.680	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	_ Stump, Rem, 3 inch to 18 inch	2027050	38.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0080	Dr Structure, Rem	2030011	1.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	159.000	Ft
0100	Curb and Gutter, Rem	2040020	1,247.000	Ft
0110	Fence, Rem	2040025	75.000	Ft
0120	Pavt, Rem	2040050	3,660.000	Syd
0130	Sidewalk, Rem	2040055	215.000	Syd
0140	_ Gas Utility, Rem	2047001	925.000	Ft
0150	_ Exploration for Utility Location	2047021	250.000	Cyd
0160	Embankment, CIP	2050010	5,308.000	Cyd
0170	Excavation, Earth	2050016	9,103.000	Cyd
0180	_ Excavation, Earth, RCOC	2057011	543.000	Syd
0190	_ Subgrade Undercutting, 21AA	2057021	1,250.000	Cyd
0200	_ Erosion Control, Check Dam, Stone, RCOC	2087001	220.000	Ft
0210	_ Erosion Control, Silt Fence, RCOC	2087001	3,000.000	Ft
0220	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	24.000	Ea
0230	_ Aggregate Base, 10 inch, 21AA, RCOC	3027011	11,429.000	Syd
0240	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	324.000	Syd
0250	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	616.000	Syd
0260	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	195.000	Syd
0270	_ Aggregate Base, 21AA, RCOC	3027031	400.000	Ton

0280	HMA Base Crushing and Shaping	3050002	8,599.000	Syd
0290	_ HMA Base Crushing and Shaping Prep, RCOC	3057011	1,813.000	Syd
0300	Maintenance Gravel	3060020	150.000	Ton
0310	_ Shoulder, 21AA, 4 inch	3077011	1,582.000	Syd
0320	_ Shoulder, 21AA, 7.75 inch	3077011	277.000	Syd
0330	_ Biaxial Geogrid	3087011	1,875.000	Syd
0340	_ Geotextile Fabric, Type NW 8	3087011	500.000	Syd
0350	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0360	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0370	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0380	Culv, CI E, Conc, 12 inch	4010573	306.000	Ft
0390	Culv, CI E, Conc, 24 inch	4010576	55.000	Ft
0400	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,618.000	Ft
0410	Sewer, CI IV, 15 inch, Tr Det B	4020988	131.000	Ft
0420	Video Taping Sewer and Culv Pipe	4021275	2,110.000	Ft
0430	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0440	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0450	Dr Structure Cover, Type B	4030010	1.000	Ea
0460	Dr Structure Cover, Type C	4030015	2.000	Ea
0470	Dr Structure Cover, Type J	4030045	12.000	Ea
0480	Dr Structure Cover, Type K	4030050	11.000	Ea
0490	Dr Structure Lead, Cleaning, 12 inch	4030112	100.000	Ft
0500	Dr Structure, 24 inch dia	4030200	8.000	Ea
0510	Dr Structure, 48 inch dia	4030210	16.000	Ea
0520	Dr Structure, 60 inch dia	4030220	1.000	Ea
0530	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0540	Dr Structure, Cleaning	4030290	2.000	Ea
0550	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0560	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0570	_ Public Utility Structure, Adj, Add Depth	4037001	10.000	Ft
0580	_ Public Utility Structure Cover	4037050	2.000	Ea
0590	_ Public Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0600	_ Public Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0610	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0630	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	6,237.000	Ft
0640	HMA Surface, Rem	5010005	7,994.000	Syd
0650	Hand Patching	5010025	50.000	Ton
0660	HMA, 3E3	5010045	1,790.000	Ton
0670	HMA, 4E3	5010051	1,755.000	Ton
0680	HMA, 5E3	5010057	1,755.000	Ton
0690	_ HMA Approach (Commercial)	5017031	56.000	Ton
0700	_ HMA Approach (Residential)	5017031	30.000	Ton
0710	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0720	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	755.000	Syd

0730	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	213.000	Syd
0740	Joint, Contraction, C	6020202	144.000	Ft
0750	Joint, Expansion, E2	6020207	32.000	Ft
0760	Lane Tie, Epoxy Anchored	6030030	71.000	Ea
0770	Curb and Gutter, Conc, Det B2	8020016	3,153.000	Ft
0780	Curb and Gutter, Conc, Det C4	8020023	208.000	Ft
0790	Curb and Gutter, Conc, Det C6	8020025	2,489.000	Ft
0800	Curb and Gutter, Conc, Det D2	8020031	239.000	Ft
0810	_ Driveway Opening, Conc, Det M, RCOC	8027001	148.000	Ft
0820	_ Spillway, Conc, RCOC	8027001	96.000	Ft
0830	Detectable Warning Surface	8030010	64.000	Ft
0840	Curb Ramp Opening, Conc	8030030	80.000	Ft
0850	Sidewalk Ramp, Conc, 6 inch	8030036	658.000	Sft
0860	Sidewalk, Conc, 4 inch	8030044	224.000	Sft
0870	_ Sidewalk, HMA	8067031	53.000	Ton
0880	Post, Steel, 3 lb	8100371	922.000	Ft
0890	Sign, Type IIA	8100398	75.000	Sft
0900	Sign, Type IIB	8100399	80.000	Sft
0910	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0920	Sign, Type III, Rem	8100403	37.000	Ea
0930	Sign, Type IIIA	8100404	91.000	Sft
0940	Sign, Type IIIB	8100405	196.000	Sft
0950	_ Post Hole Through Conc. For Steel Post- 6 Inch Diameter	8107050	16.000	Ea
0960	_ Post, Flexible, Delineator, RCOC	8107050	22.000	Ea
0970	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,470.000	Ft
0980	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,700.000	Ft
0990	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,200.000	Ft
1000	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	165.000	Ft
1010	Recessing Pavt Mrkg, Longit	8110450	165.000	Ft
1020	Recessing Pavt Mrkg, Transv	8110451	95.000	Sft
1030	_ Pavt Mrkg, Cold Plastic, 12 inch, Yellow	8117001	90.000	Ft
1040	_ Pavt Mrkg, Cold Plastic, 18 inch	8117001	60.000	Ft
1050	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	45.000	Ft
1060	_ Pavt Mrkg, Cold Plastic, 24 inch, Crosswalk Line	8117001	150.000	Ft
1070	_ Pavt Mrkg, Cold Plastic, Circle (Roundabout) Symbol	8117050	3.000	Ea
1080	_ Pavt Mrkg, Cold Plastic, Combo Thru-Left-Turn Arrow Symbol	8117050	5.000	Ea
1090	_ Pavt Mrkg, Cold Plastic, Combo Thru-Right-Turn Arrow Symbol	8117050	3.000	Ea
1100	_ Pavt Mrkg, Cold Plastic, School	8117050	2.000	Ea
1110	_ Pavt Mrkg, Cold Plastic, Thru Arrow Symbol	8117050	2.000	Ea
1120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea

1140	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
1150	Dust Palliative, Applied	8120100	15.000	Ton
1160	Minor Traf Devices	8120170	1.000	LSUM
1170	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
1180	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
1190	Sign Cover	8120310	5.000	Ea
1200	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1210	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,140.000	Sft
1230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,140.000	Sft
1240	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	675.000	Sft
1250	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	675.000	Sft
1260	Traf Regulator Control	8120370	1.000	LSUM
1270	_ Riprap, Plain, RCOC	8137011	42.000	Syd
1280	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	14,337.000	Syd
1290	Cable Pole, TS and Sec, Dismant	8190009	4.000	Ea
1300	Conduit, DB, 1, 1 1/4 inch	8190026	170.000	Ft
1310	Conduit, DB, 1, 3 inch	8190029	360.000	Ft
1320	Conduit, DB, 2, 3 inch	8190032	160.000	Ft
1330	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
1340	Hh, Round	8190260	8.000	Ea
1350	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
1360	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1370	Wood Pole, Rem	8190505	2.000	Ea
1380	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	650.000	Ft
1390	_ Conduit, Schedule 40 PVC, 2 Inch, RCOC	8197001	310.000	Ft
1400	_ Hh, Square, RCOC	8197050	1.000	Ea
1410	Flsh Beacon, Controller and Cabinet, Solid State, Salv	8200069	4.000	Ea
1420	Flsh Beacon, Solar Power, Rem	8200072	4.000	Ea
1430	Pedestal, Fdn	8200105	3.000	Ea
1440	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
1450	Push Button Station and Sign	8200128	4.000	Ea
1460	Serv Disconnect	8200135	3.000	Ea
1470	Serv Disconnect, Rem	8200136	4.000	Ea
1480	Pedestrian Signal System, Accessible	8200240	1.000	Ea
1490	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1500	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1510	Casing	8200480	24.000	Ft
1520	_ Mast Arm Pole Fdn, RCOC	8207001	32.000	Ft
1530	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1540	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1550	_ Fiber Optic School Speed Limit Sign, Rem, RCOC	8207050	4.000	Ea

1560	_ Fiber Optic School Speed Limit Sign, Salv, RCOC	8207050	2.000	Ea
1570	_ Mast Arm Mtd, Sign, Type IIIB, RCOC	8207050	2.000	Ea
1580	_ Mast Arm, 25 foot, Cat III, Mod	8207050	2.000	Ea
1590	_ Mast Arm, Pole, Cat III, Mod	8207050	2.000	Ea
1600	_ Pedestal, Alum, RCOC	8207050	3.000	Ea
1610	_ TS, One Way, Bracket Arm Mtd (LED), Three Sect, RCOC	8207050	2.000	Ea
1620	_ TS, One Way, Mast Arm Mtd (LED), Three Sect, RCOC	8207050	2.000	Ea
1630	_ TS, One Way, Pedestal Mtd (LED), Three Sect, RCOC	8207050	2.000	Ea
1640	_ TS, Service Rack, Metered, RCOC	8207050	1.000	Ea
1650	Monument Box	8210001	1.000	Ea
1660	_ Sprinkler Line	8507001	1,500.000	Ft
1670	_ Sprinkler Head, Replace	8507050	50.000	Ea
1680	_ Sprinkler Head, Relocate	8507050	50.000	Ea
1690	_ Reimbursed Permit Fees	8507060	1,250.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 030

Letting Date: May 3, 2019

Contract ID: 77147-133407

Description: 0.44 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, station grading, aggregate base, storm sewer, water main and pavement markings on 13th Street from Lapeer Avenue to Water Street in the city of Port Huron, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133407A	1900557	N/A	STUL 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$145,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Curb and Gutter, Rem	2040020	4,762.000	Ft
0040	Pavt, Rem	2040050	8,014.000	Syd
0050	_ Driveway, Rem, Modified	2047011	710.000	Syd
0060	_ Sidewalk, Rem, Modified	2047011	2,211.000	Syd
0070	_ Station Grading, Modified	2057002	25.000	Sta
0080	_ Subgrade and Trench Undercutting	2057021	50.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	4.000	Cyd
0110	_ Aggregate Base, 8 inch, Modified	3027011	8,962.000	Syd
0120	Maintenance Gravel, LM	3060021	675.000	Cyd
0130	Steel Casing Pipe, 16 inch, Jacked in Place	4011122	625.000	Ft
0140	_ Sewer, CL A, 12 inch, Tr Det B, Modified	4027001	201.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	48.000	Ea
0160	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0170	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0180	Dr Structure, Tap, 6 inch	4030306	33.000	Ea
0190	_ Dr Structure Cover, Type B, Modified	4037050	13.000	Ea
0200	_ Dr Structure Cover, Type K, Modified	4037050	21.000	Ea
0210	_ Dr Structure Cover, Type Q, Modified	4037050	14.000	Ea
0220	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0230	_ Dr Structure, 48 inch dia, Modified	4037050	2.000	Ea
0240	_ Dr Structure, Tap, 12 inch, Modified	4037050	7.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	4,802.000	Ft
0260	HMA Surface, Rem	5010005	7,110.000	Syd
0270	HMA, 3C	5010031	2,160.000	Ton

0280	HMA, 13A	5010033	647.000	Ton
0290	HMA Approach	5010061	560.000	Ton
0300	Conc Pavt, Nonreinf, 8 inch	6020104	164.000	Syd
0310	Lane Tie, Epoxy Anchored	6030030	10.000	Ea
0320	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	775.000	Syd
0330	Curb and Gutter, Conc, Det F4	8020038	4,587.000	Ft
0340	_ Curb and Gutter, Conc, Det F4, Modified	8027001	215.000	Ft
0350	_ Detectable Warning Surface, Modified	8037010	530.000	Sft
0360	_ Sidewalk Ramp, Modified	8037010	2,345.000	Sft
0370	_ Sidewalk, Concrete, 4 inch, Modified	8037010	14,687.000	Sft
0380	_ Sidewalk, Concrete, 6 inch, Modified	8037010	2,222.000	Sft
0390	Post, Steel, 3 lb	8100371	690.000	Ft
0400	Sign, Type IIIA	8100404	214.000	Sft
0410	Sign, Type IIIB	8100405	24.000	Sft
0420	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	924.000	Ft
0430	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	257.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0460	Dust Palliative, Applied	8120100	25.000	Ton
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	901.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	901.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	_ Red Maple, 4 inch minimum diam	8157050	7.000	Ea
0540	_ Sugar Maple, 4 inch minimum diam	8157050	8.000	Ea
0550	Water, Sodding/Seeding	8160090	50.000	Unit
0560	_ Slope Restoration, Modified	8167011	6,273.000	Syd
0570	_ Water Main, DI, 12 inch, City Tr Det	8237001	94.000	Ft
0580	_ Water Main, DI, 8 inch, City Tr Det	8237001	2,595.000	Ft
0590	_ Water Service, Copper, 1 inch	8237001	1,152.000	Ft
0600	_ Connect to Existing Watermain	8237050	14.000	Ea
0610	_ Curb Stop and Box	8237050	38.000	Ea
0620	_ Fire Hydrant, 6 inch	8237050	1.000	Ea
0630	_ Gate Valve and Box, 12 inch, Modified	8237050	2.000	Ea
0640	_ Gate Valve and Box, 8 inch, Modified	8237050	18.000	Ea
0650	_ Hydrant, Rem, Modified	8237050	1.000	Ea
0660	_ Reconnect Water Service	8237050	38.000	Ea
0670	_ Relocate Water Service	8237050	2.000	Ea
0680	_ Tapping Sleeve, Valve and Box, 12 Inch x 8 Inch	8237050	1.000	Ea
0690	_ Abandon Water Main	8237051	1.000	LSUM
0700	_ Sanitary Sewer, PSL, 6 inch, City Tr Det	8257001	85.000	Ft

0710	_ Sewer, 10 inch, Spot Repair	8257001	47.000	Ft
0720	_ Sewer, 12 inch, Spot Repair	8257001	68.000	Ft
0730	_ Sewer, 8 inch, Spot Repair	8257001	34.000	Ft
0740	_ 12 inch X 6 inch Wye Branch Connection	8257050	1.000	Ea
0750	_ 8 inch X 6 inch Wye Branch Connection	8257050	2.000	Ea
0760	_ Connect to Existing Sewer	8257050	1.000	Ea
0770	_ Reconnect PSL	8257050	4.000	Ea
0780	_ Exploratory Excavation	8507040	15.000	Hr
0790	_ Audiovisual Record	8507051	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 031**Letting Date:** May 3, 2019**Contract ID:** 81000-202822

Description: Existing interconnect and traffic management system upgrade, signal optimization, modernization and actuation for 13 intersections along Huron Road and Whittaker Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202822A	1900575	N/A	CMG 81000
207366A	1900584	N/A	CMG 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$129,400.00	1500001	1.000	LSUM
0020	Perforated Steel Square Tube Breakaway System	8100330	17.000	Ea
0030	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0070	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0080	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0090	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	488.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	488.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0130	_ Turf Establishment, Performance	8167011	50.000	Syd
0140	Conduit, DB, 1, 3 inch	8190029	115.000	Ft
0150	Conduit, DB, 2, 3 inch	8190032	25.000	Ft
0160	Conduit, Directional Bore, 3 inch	8190044	130.000	Ft
0170	Cable, Equipment Grounding Wire, 1/C#6	8190236	75.000	Ft
0180	Hh, Round	8190260	2.000	Ea
0190	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
0200	Wood Pole, Fit Up, Sec Serv Pole	8190496	2.000	Ea
0210	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0220	Controller and Cabinet, Rem	8200030	7.000	Ea
0230	Controller Fdn, Base Mount	8200045	1.000	Ea
0240	Fdn, Rem	8200065	1.000	Ea
0250	Power Co. (Est. Cost to Contractor)	8200116	21,300.000	Dlr
0260	Serv Disconnect	8200135	2.000	Ea

0270	Span Wire, Rem	8200141	1.000	Ea
0280	Span Wire Tether	8200142	1.000	Ea
0290	Steel Pole, Rem	8200145	1.000	Ea
0300	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
0310	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0320	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0330	Wireless Vehicle Detection System	8200422	5.000	Ea
0340	Wireless Vehicle Sensor Node	8200425	109.000	Ea
0350	Cellular Modem, TS, 4G	8200498	1.000	Ea
0360	_ Backplate, TS, 3 Sec	8207050	8.000	Ea
0370	_ Backplate, TS, 4 Sec	8207050	4.000	Ea
0380	_ Bracket Arm, 18 Foot, 5 Foot Rise	8207050	3.000	Ea
0390	_ Controller and Cabinet, Base Mount (TS2)	8207050	4.000	Ea
0400	_ Controller and Cabinet, Pole Mount (TS2)	8207050	3.000	Ea
0410	_ Foundation - Communication Pole	8207050	1.000	Ea
0420	_ ITS Cabinet, Ground Mtd	8207050	1.000	Ea
0430	_ Managed Ethernet Switch	8207050	7.000	Ea
0440	_ Network Router	8207050	7.000	Ea
0450	_ Pedestal, Underground Service, Metered, Modified	8207050	1.000	Ea
0460	_ Side Pole Cabinet	8207050	1.000	Ea
0470	_ Side Pole Cabinet, Rem	8207050	1.000	Ea
0480	_ TS, Controller (EOS)	8207050	6.000	Ea
0490	_ TS, Controller, Rem	8207050	6.000	Ea
0500	_ Video Surveillance Camera	8207050	4.000	Ea
0510	_ Wireless Communication Pole, 110 Foot	8207050	1.000	Ea
0520	_ Wireless Interconnect, Backhaul Radio	8207050	8.000	Ea
0530	_ Wireless Interconnect, Integrated 300 Mbps	8207050	9.000	Ea
0540	_ Wireless Interconnect, Rem and Salv	8207050	2.000	Ea
0550	_ Wireless Repeater, Flex	8207050	17.000	Ea
0560	_ Integration, Advance Traf Management System	8207060	245,000.000	Dlr
0570	_ IT Upgrades for Data Sharing	8207060	103,623.000	Dlr
0580	_ WCRC Signal Multicast/VLAN Design and Implementation	8207060	198,982.000	Dlr
0590	Fiber Optic, Cable, Single Mode Fiber, 6F	8260046	500.000	Ft
0600	Fiber Optic, Pigtail	8260071	6.000	Ea
0610	Fiber Optic, Jumper	8260072	6.000	Ea
0620	_ Uninterruptible Power Supply, ITS, Modified	8267050	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 032**Letting Date:** May 3, 2019**Contract ID:** 77147-126636**Description:** Removal of existing structure, replace with a precast concrete three sided culvert and approach work on Wales Center Road over the Pine River, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
126636A	1900543	N/A	BRT 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$117,000.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0030	_ Headwall, Rem	2037050	1.000	Ea
0040	Guardrail, Rem	2040035	608.000	Ft
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	_ Pavt, Rem, Modified	2047011	2,415.000	Syd
0070	Embankment, CIP	2050010	1,121.000	Cyd
0080	Excavation, Channel	2050015	22.000	Cyd
0090	Excavation, Earth	2050016	1,895.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0110	Erosion Control, Filter Bag	2080014	2.000	Ea
0120	Erosion Control, Gravel Filter Berm	2080018	50.000	Ft
0130	Erosion Control, Silt Fence	2080036	1,112.000	Ft
0140	Subbase, CIP	3010002	1,260.000	Cyd
0150	_ Aggregate Base, Modified	3027031	2,020.000	Ton
0160	_ Approach, CI II, Modified	3077031	22.000	Ton
0170	_ Shoulder, CI II, Modified	3077031	257.000	Ton
0180	_ Shoulder, Cobble	3077031	63.000	Ton
0190	_ Geocell Reinforcement	3087011	149.000	Syd
0200	_ Geogrid Reinforcement	3087011	3,086.000	Syd
0210	_ Geotextile Base Reinforcement	3087011	3,086.000	Syd
0220	_ Sewer, CI A, 15 inch, Modified	4027001	121.000	Ft
0230	_ Sewer, CI A, 30 inch, Modified	4027001	234.000	Ft
0240	Dr Structure Cover, Type C	4030015	3.000	Ea
0250	Dr Structure Cover, Type G	4030040	2.000	Ea
0260	Dr Structure, 24 inch dia	4030200	2.000	Ea
0270	Dr Structure, 60 inch dia	4030220	2.000	Ea
0280	Dr Structure, Tap, 4 inch	4030304	2.000	Ea

0290	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0300	_ Dr Structure, 36 inch dia	4037050	1.000	Ea
0310	Underdrain, Bank, 6 inch	4040003	111.000	Ft
0320	HMA, 3E3	5010045	468.000	Ton
0330	HMA, 4E3	5010051	312.000	Ton
0340	HMA, 5E3	5010057	227.000	Ton
0350	HMA Approach	5010061	71.000	Ton
0360	Pile, Steel, Furn and Driven, 12 inch	7050030	30.000	Ft
0370	Curb and Gutter, Conc, Det D2	8020031	400.000	Ft
0380	Guardrail, Type B	8070000	650.000	Ft
0390	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0400	Guardrail Reflector	8070080	36.000	Ea
0410	_ Guardrail Anch, Bridge, Det T2, Modified	8077050	4.000	Ea
0420	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,650.000	Ft
0430	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,650.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	414.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	414.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	_ Riprap, Cobble	8137011	56.000	Syd
0530	_ Slope Restoration, Modified	8167011	1,833.000	Syd

Section: 2

0540	Structures, Rem	2040060	1.000	LSUM
0550	Backfill, Structure, CIP	2060002	88.000	Cyd
0560	Excavation, Fdn	2060010	543.000	Cyd
0570	_ Backfill, Structure, Modified	2067021	280.000	Cyd
0580	_ Foundation Undercut and Backfill	2067021	29.000	Cyd
0590	Erosion Control, Turbidity Curtain, Shallow	2080044	156.000	Ft
0600	Underdrain, Fdn, 6 inch	4040033	386.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0630	_ Culv, Precast Three Sided, 34 Foot by 8 Foot	4067001	36.000	Ft
0640	Cofferdams, Left in Place	7040009	1.000	LSUM
0650	_ Steel Sheet Piling, Permanent, Galvanized	7047010	4,640.000	Sft
0660	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0670	Pile, Steel, Furn and Driven, 12 inch	7050030	988.000	Ft
0680	Conc, Grade T	7060013	124.000	Cyd
0690	False Decking	7060060	795.000	Sft

0700	Reinforcement, Steel, Epoxy Coated	7060092	5,578.000	Lb
0710	Substructure Conc	7060100	64.000	Cyd
0720	_ Structure Name Plate	7067050	1.000	Ea
0730	_ Bridge Railing, Guardrail Type, Modified	7117001	81.000	Ft
0740	_ Concrete Curb and Gutter, Bridge Approach, Modified	8027001	158.000	Ft
0750	Riprap, Plain	8130010	383.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 033

Letting Date: May 3, 2019

Contract ID: 81000-203422

Description: 0.32 mi of hot mix asphalt reconstruction, concrete curb and gutter, street lighting, sidewalks and restoration on Central Street from Fifth Street to Third Street and along Fifth Street to Broad Street, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203422A	1900558	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$108,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0050	Dr Structure, Rem	2030011	9.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	691.000	Ft
0070	Curb and Gutter, Rem	2040020	461.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0090	Pavt, Rem	2040050	95.000	Syd
0100	Sidewalk, Rem	2040055	353.000	Syd
0110	_ Exploratory Excavation	2047050	15.000	Ea
0120	Embankment, CIP	2050010	352.000	Cyd
0130	Excavation, Earth	2050016	3,128.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	48.000	Ea
0150	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	41.000	Ea
0160	Erosion Control, Silt Fence	2080036	1,233.000	Ft
0170	_ Aggregate Base, 4 inch, Modified	3027011	1,109.000	Syd
0180	_ Aggregate Base, 6 inch, Modified	3027011	399.000	Syd
0190	_ Aggregate Base, 8 inch, Modified	3027011	7,891.000	Syd
0200	_ Maintenance Aggregate, 21AA	3067031	80.000	Ton
0210	Shoulder, CI II, 6 inch	3070128	54.000	Syd
0220	_ Approach, 21AA	3077031	13.000	Ton
0230	_ Culvert, Adj	4017001	21.000	Ft
0240	Sewer, CI IV, 12 inch, Tr Det A	4020960	46.000	Ft
0250	Sewer, CI IV, 18 inch, Tr Det A	4020962	140.000	Ft
0260	Sewer, CI IV, 24 inch, Tr Det A	4020963	421.000	Ft
0270	Sewer, CI IV, 30 inch, Tr Det A	4020964	16.000	Ft

0280	Sewer, CI IV, 12 inch, Tr Det B	4020987	429.000	Ft
0290	Sewer, CI IV, 18 inch, Tr Det B	4020989	218.000	Ft
0300	Sewer, CI IV, 24 inch, Tr Det B	4020993	665.000	Ft
0310	Sewer, CI IV, 30 inch, Tr Det B	4020994	105.000	Ft
0320	Sewer Tap, 12 inch	4021204	1.000	Ea
0330	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0340	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0350	Dr Structure Cover, Type B	4030010	3.000	Ea
0360	Dr Structure Cover, Type G	4030040	9.000	Ea
0370	Dr Structure Cover, Type K	4030050	17.000	Ea
0380	Dr Structure, 24 inch dia	4030200	7.000	Ea
0390	Dr Structure, 48 inch dia	4030210	19.000	Ea
0400	Dr Structure, 60 inch dia	4030220	1.000	Ea
0410	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	13.000	Ft
0420	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	3.000	Ft
0430	Dr Structure, Adj, Add Depth	4030280	16.000	Ft
0440	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0450	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
0460	Dr Structure, Tap, 24 inch	4030324	3.000	Ea
0470	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0480	_ Utility Structure, Adj, Add Depth	4037001	14.000	Ft
0490	_ Utility Structure, Adj, Case 1	4037050	6.000	Ea
0500	_ Utility Structure, Adj, Case 2	4037050	1.000	Ea
0510	Cold Milling HMA Surface	5010002	69.000	Syd
0520	HMA Surface, Rem	5010005	6,604.000	Syd
0530	Hand Patching	5010025	54.000	Ton
0540	HMA, 3E3	5010045	1,095.000	Ton
0550	HMA, 4E3	5010051	730.000	Ton
0560	HMA, 5E3	5010057	555.000	Ton
0570	HMA Approach	5010061	116.000	Ton
0580	_ Pavt Cleaning, Modified	5017051	1.000	LSUM
0590	_ Subgrade Undercut and Refill, 21AA	6037021	180.000	Cyd
0600	Driveway, Nonreinf Conc, 6 inch	8010005	587.000	Syd
0610	Driveway, Nonreinf Conc, 8 inch	8010007	154.000	Syd
0620	Curb and Gutter, Conc, Det F4	8020038	2,982.000	Ft
0630	Driveway Opening, Conc, Det M	8020050	128.000	Ft
0640	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0650	Spillway, Conc	8020075	19.000	Ft
0660	Detectable Warning Surface	8030010	100.000	Ft
0670	Curb Ramp Opening, Conc	8030030	154.000	Ft
0680	Sidewalk Ramp, Conc, 6 inch	8030036	1,161.000	Sft
0690	Sidewalk, Conc, 4 inch	8030044	2,628.000	Sft
0700	_ Conc Pavt, Decorative, Nonreinf, 9 inch	8037010	1,851.000	Sft

0710	Post, Steel, 3 lb	8100371	398.000	Ft
0720	Sign, Type III, Rem	8100403	35.000	Ea
0730	Sign, Type IIIA	8100404	73.000	Sft
0740	Sign, Type IIIB	8100405	115.000	Sft
0750	_ Decorative Post	8107050	4.000	Ea
0760	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,550.000	Ft
0770	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,310.000	Ft
0780	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	545.000	Ft
0790	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,200.000	Ft
0800	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	6.000	Ea
0810	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	6.000	Ea
0820	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0830	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	1.000	Ea
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0850	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0860	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0870	Minor Traf Devices	8120170	1.000	LSUM
0880	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0890	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0900	Sign Cover	8120310	5.000	Ea
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	136.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	136.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	Riprap, Plain	8130010	4.000	Syd
0970	Slope Restoration, Type B	8160101	4,277.000	Syd
0980	DB Cable, in Conduit, 600V, 1/C#6	8190211	5,374.000	Ft
0990	DB Cable, in Conduit, 600V, 1/C#8	8190212	4,854.000	Ft
1000	Cable, Equipment Grounding Wire, 1/C#6	8190236	2,427.000	Ft
1010	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	2,317.000	Ft
1020	_ Light Standard, Decorative, Luminaire, Modified	8197050	20.000	Ea
1030	_ Light Std, Fdn, Modified	8197050	20.000	Ea
1040	Power Co. (Est. Cost to Contractor)	8200116	2,513.000	Dlr
1050	Monument Box	8210001	2.000	Ea
1060	Monument Preservation	8210010	1.000	Ea
1070	Gate Well, Rem	8230076	2.000	Ea
1080	_ Water Main, Rem	8237001	40.000	Ft
1090	_ Gate Valve and Box, Abandon	8237050	3.000	Ea
1100	_ Gate Valve and Well, 8 inch	8237050	2.000	Ea
1110	_ Maintaining Water Sprinkler System	8237050	5.000	Ea
1120	_ Water Main Conflict, 10 inch	8237050	2.000	Ea
1130	_ Water Main Conflict, 8 inch	8237050	2.000	Ea

1140	_ Water Shutoff, Adj	8237050	11.000	Ea
1150	_ Audio Video Route Survey	8267051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190503 034

Letting Date: May 3, 2019

Contract ID: 63000-205182

Description: 0.09 mi of intersection rehabilitation including pavement removal, concrete pavement, curb and gutter, sidewalk, ramps, drainage, sewer and pavement markings on Novi Road at 12 Mile Road in the city of Novi, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205182A	1900583	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$97,500.00	1500001	1.000	LSUM
0020	Sewer, Rem, Less than 24 inch	2030015	15.000	Ft
0030	Curb and Gutter, Rem	2040020	75.000	Ft
0040	Sidewalk, Rem	2040055	305.000	Syd
0050	_ Pavt, Rem, Special	2047011	5,762.000	Syd
0060	Embankment, CIP	2050010	20.000	Cyd
0070	_ Excavation, Earth, RCOC	2057011	1,808.000	Syd
0080	_ Exploration for Utility Location	2057021	50.000	Cyd
0090	_ Subgrade Undercutting, 21AA	2057021	50.000	Cyd
0100	_ Erosion Control, Silt Fence, RCOC	2087001	300.000	Ft
0110	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	11.000	Ea
0120	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	1.000	Ea
0130	Aggregate Base, Conditioning	3020050	5,587.000	Syd
0140	_ Aggregate Base, 10 inch, CIP, 21AA, RCOC	3027011	432.000	Syd
0150	_ Aggregate Base, 4 inch, CIP, 21AA, RCOC	3027011	391.000	Syd
0160	_ Aggregate Base, 8 inch, CIP, 21AA, RCOC	3027011	51.000	Syd
0170	_ Aggregate Base, 21AA, RCOC	3027031	500.000	Ton
0180	Maintenance Gravel	3060020	75.000	Ton
0190	Sewer, CI IV, 12 inch, Tr Det B	4020987	98.000	Ft
0200	Sewer, CI IV, 15 inch, Tr Det B	4020988	16.000	Ft
0210	Sewer Tap, 15 inch	4021205	1.000	Ea
0220	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0240	Dr Structure Cover, Type J	4030045	2.000	Ea
0250	Dr Structure, 24 inch dia	4030200	1.000	Ea
0260	Dr Structure, 48 inch dia	4030210	1.000	Ea
0270	Dr Structure, Adj, Add Depth	4030280	20.000	Ft

0280	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0290	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0300	_ Public Utility Structure, Adj, Add Depth	4037001	15.000	Ft
0310	_ Public Utility Structure Cover	4037050	5.000	Ea
0320	_ Public Utility Structure Cover, Adj, Case 1	4037050	3.000	Ea
0330	_ Public Utility Structure Cover, Adj, Case 2	4037050	2.000	Ea
0340	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0350	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	180.000	Ft
0360	HMA Surface, Rem	5010005	1,633.000	Syd
0370	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0380	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	77.000	Syd
0390	Joint, Expansion, E2	6020207	372.000	Ft
0400	Joint, Plane-of-Weakness, W	6020211	5,000.000	Ft
0410	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	1,622.000	Syd
0420	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	3,754.000	Syd
0430	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	39.000	Syd
0440	Joint, Contraction, Crg	6030020	183.000	Ft
0450	Lane Tie, Epoxy Anchored	6030030	227.000	Ea
0460	Reinforcement, Steel	7060090	118.000	Lb
0470	Curb and Gutter, Conc, Det B3	8020017	438.000	Ft
0480	Curb and Gutter, Conc, Det F5	8020039	498.000	Ft
0490	Detectable Warning Surface	8030010	105.000	Ft
0500	Curb Ramp Opening, Conc	8030030	178.000	Ft
0510	Sidewalk Ramp, Conc, 6 inch	8030036	2,133.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	944.000	Sft
0530	Post, Steel, 3 lb	8100371	268.000	Ft
0540	Sign, Type III, Rem	8100403	19.000	Ea
0550	Sign, Type IIIA	8100404	16.000	Sft
0560	Sign, Type IIIB	8100405	109.000	Sft
0570	Rem Curing Compound, for Spec Mrkg	8110321	830.000	Sft
0580	Recessing Pavt Mrkg, Longit	8110450	6,120.000	Ft
0590	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	3,500.000	Ft
0600	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 8 inch, White	8110492	580.000	Ft
0610	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, Yellow	8110494	2,040.000	Ft
0620	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	260.000	Ft
0630	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	640.000	Ft
0640	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	1.000	Ea
0650	_ Pavt Mrkg, Cold Plastic, Only	8117050	1.000	Ea
0660	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	3.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0690	Pedestrian Type II Channelizer, Temp	8120027	390.000	Ft

0700	Channelizing Device, 42 inch, Furn	8120030	140.000	Ea
0710	Channelizing Device, 42 inch, Oper	8120031	140.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	3,000.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,700.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,700.000	Ft
0780	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
0790	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
0800	Sign Cover	8120310	10.000	Ea
0810	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0820	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	1,670.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	1,670.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	750.000	Sft
0860	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	750.000	Sft
0870	Traf Regulator Control	8120370	1.000	LSUM
0880	_ Pedestrian Path, Temp	8127001	240.000	Ft
0890	_ Pedestrian Ramp, Temp	8127050	8.000	Ea
0900	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	1,087.000	Syd
0910	Conduit, DB, 1, 1 1/4 inch	8190026	165.000	Ft
0920	Conduit, DB, 1, 3 inch	8190029	80.000	Ft
0930	Hh, Adj	8190244	14.000	Ea
0940	Pedestal, Alum	8200100	5.000	Ea
0950	Pedestal, Fdn	8200105	5.000	Ea
0960	Pedestal Fdn, Rem	8200106	1.000	Ea
0970	Pedestal, Rem	8200110	1.000	Ea
0980	Pushbutton and Sign	8200121	12.000	Ea
0990	Pushbutton, Rem	8200122	12.000	Ea
1000	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
1010	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	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	3.000	Ea
1040	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
1050	TS Face, Bag	8200458	12.000	Ea
1060	TS Face, Bag, Rem	8200459	12.000	Ea
1070	_ Pushbutton Support Post, RCOC	8207050	7.000	Ea
1080	_ Support Post, Rem, RCOC	8207050	5.000	Ea
1090	_ Traffic Loop, Presence (Preformed), RCOC	8207050	11.000	Ea

1100	_ Sprinkler Line	8237001	2,000.000	Ft
1110	_ Irrigation Control Box, Relocate	8237050	5.000	Ea
1120	_ Irrigation Control Box, Replace	8237050	5.000	Ea
1130	_ Sprinkler Head, Relocate	8237050	200.000	Ea
1140	_ Sprinkler Head, Replace	8237050	200.000	Ea
1150	_ Reimbursed Permit Fees	8507060	1,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 035

Letting Date: May 3, 2019

Contract ID: 63000-133176

Description: 2.07 mi of hot mix asphalt surface repairs, cold milling and resurfacing, aggregate shoulders, extend right turn lane, concrete curb and gutter, sidewalk, sidewalk ramps, culverts, drainage and pavement markings on Oakwood Road from M-15 (Ortonville Road) to Leece Road in the village of Ortonville, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133176A	1900581	N/A	STUL 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Curb and Gutter, Rem	2040020	10.000	Ft
0040	Guardrail, Rem	2040035	330.000	Ft
0050	Pavt, Rem	2040050	47.000	Syd
0060	Sidewalk, Rem	2040055	28.000	Syd
0070	_ Exploration for Utility Location	2047021	10.000	Cyd
0080	Embankment, CIP	2050010	134.000	Cyd
0090	Excavation, Earth	2050016	161.000	Cyd
0100	_ Excavation, Earth, RCOC	2057011	1,324.000	Syd
0110	_ Erosion Control, Silt Fence, RCOC	2087001	260.000	Ft
0120	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	3.000	Ea
0130	_ Aggregate Base, 4 inch, CIP, 21AA, RCOC	3027011	39.000	Syd
0140	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	36.000	Syd
0150	_ Aggregate Base, 8 inch CIP, 21AA, RCOC	3027011	488.000	Syd
0160	_ Shoulder, 21AA	3077031	1,590.000	Ton
0170	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0180	Sewer, CI IV, 12 inch, Tr Det B	4020987	206.000	Ft
0190	Video Taping Sewer and Culv Pipe	4021275	232.000	Ft
0200	_ Sewer Cleanout	4027001	200.000	Ft
0210	Dr Structure Cover, Type J	4030045	2.000	Ea
0220	Dr Structure, 48 inch dia	4030210	2.000	Ea
0230	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0240	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0250	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	199.000	Ft
0260	_ Culv, CI F, CSP, 12 inch, RCOC	4067001	37.000	Ft
0270	Cold Milling HMA Surface	5010002	7,064.000	Syd

0280	HMA Surface, Rem	5010005	237.000	Syd
0290	Edge Trimming	5010009	198.000	Ft
0300	Hand Patching	5010025	320.000	Ton
0310	HMA, 3E1	5010044	51.000	Ton
0320	HMA, 5E1	5010056	2,680.000	Ton
0330	HMA Approach	5010061	11.000	Ton
0340	_ Pavt Cleaning, RCOC	5017051	1.000	LSUM
0350	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0360	Curb and Gutter, Conc, Det B2	8020016	150.000	Ft
0370	Curb and Gutter, Conc, Det F4	8020038	57.000	Ft
0380	Detectable Warning Surface	8030010	15.000	Ft
0390	Curb Ramp Opening, Conc	8030030	15.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	93.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	176.000	Sft
0420	Guardrail, Type MGS-8	8070004	238.000	Ft
0430	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0440	Guardrail Reflector	8070080	15.000	Ea
0450	Post, Mailbox	8070095	5.000	Ea
0460	_ Wood Post, Rem	8077050	10.000	Ea
0470	Post, Steel, 3 lb	8100371	772.000	Ft
0480	Sign, Type II, Rem	8100397	3.000	Ea
0490	Sign, Type IIA	8100398	45.000	Sft
0500	Sign, Type III, Rem	8100403	52.000	Ea
0510	Sign, Type IIIA	8100404	144.000	Sft
0520	Sign, Type IIIB	8100405	276.000	Sft
0530	_ Post Flexible Delineator, RCOC	8107050	8.000	Ea
0540	_ Street Sign Post	8107050	13.000	Ea
0550	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	11,342.000	Ft
0560	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	21,825.000	Ft
0570	Rem Raised Pavt Marker	8110332	8.000	Ea
0580	Rem Spec Mrkg	8110343	78.000	Sft
0590	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	24.000	Ft
0600	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	2.000	Ea
0610	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	2.000	Ea
0620	_ Raised Pavt Marker, Retrlec, Amber, Bidirectional	8117050	8.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0650	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0660	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft

0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	36.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	936.000	Ft
0740	Sign Cover	8120310	5.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	96.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	96.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0790	Traf Regulator Control	8120370	1.000	LSUM
0800	_ Riprap, Plain, RCOC	8137011	6.000	Syd
0810	_ HMA Spillway	8147011	8.000	Syd
0820	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	873.000	Syd
0830	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0840	Monument Box	8210001	2.000	Ea
0850	Monument Box Adjust	8210005	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 036

Letting Date: May 3, 2019

Contract ID: 46000-202714

Description: 0.94 mi of concrete sidewalk on each side of Treat Highway, Lenawee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202714A	1900510	N/A	TAUL 46000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	8.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	6.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	11.000	Ft
0060	Curb and Gutter, Rem	2040020	250.000	Ft
0070	Curb, Rem	2040021	118.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	17.000	Cyd
0090	Pavt, Rem	2040050	276.000	Syd
0100	Sidewalk, Rem	2040055	296.000	Syd
0110	_ Clearing, Special	2047051	1.000	LSUM
0120	Embankment, CIP	2050010	200.000	Cyd
0130	Excavation, Earth	2050016	1,395.000	Cyd
0140	Aggregate Base	3020001	20.000	Ton
0150	Aggregate Base, 4 inch	3020010	6,324.000	Syd
0160	Aggregate Base, Conditioning	3020050	1,784.000	Syd
0170	Approach, CI II	3070021	22.000	Ton
0180	Culv End Sect, 12 inch	4010012	2.000	Ea
0190	Culv, CI A, CSP, 12 inch	4010199	40.000	Ft
0200	HMA Surface, Rem	5010005	2,130.000	Syd
0210	Hand Patching	5010025	78.000	Ton
0220	HMA Approach	5010061	248.000	Ton
0230	Driveway, Nonreinf Conc, 6 inch	8010005	647.000	Syd
0240	Curb and Gutter, Conc, Det D2	8020031	552.000	Ft
0250	Detectable Warning Surface	8030010	160.000	Ft
0260	Curb Ramp Opening, Conc	8030030	84.000	Ft
0270	Sidewalk Ramp, Conc, 6 inch	8030036	1,644.000	Sft
0280	Sidewalk, Conc, 4 inch	8030044	39,844.000	Sft

0290	Sidewalk, Conc, 6 inch	8030046	6,690.000	Sft
0300	Post, Mailbox	8070095	54.000	Ea
0310	Post, Steel, 3 lb	8100371	354.000	Ft
0320	Sign, Type III, Erect, Salv	8100402	42.000	Ea
0330	Sign, Type III, Rem	8100403	45.000	Ea
0340	Sign, Type IIIB	8100405	37.000	Sft
0350	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	982.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	84.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	94.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	120.000	Ft
0420	Rem Spec Mrkg	8110343	45.000	Sft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0450	Channelizing Device, 42 inch, Furn	8120030	110.000	Ea
0460	Channelizing Device, 42 inch, Oper	8120031	110.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Sign Cover	8120310	4.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	139.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	139.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	120.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	120.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	_ Slope Restoration, Modified	8167011	2,000.000	Syd
0550	Gate Box, Adj, Case 1	8230431	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 037

Letting Date: May 3, 2019

Contract ID: 33065-133147

Description: 0.21 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, drainage, water main, sanitary sewer, signing and pavement markings on South Mullett Street from East Grand River Avenue to Taylor Street in the city of Williamston, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133147A	1900541	N/A	STUL 33065

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,800.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	4.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	4.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0050	Dr Structure, Rem	2030011	15.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	582.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	46.000	Ft
0080	_ Sanitary Structure, Rem	2037050	3.000	Ea
0090	Curb and Gutter, Rem	2040020	1,319.000	Ft
0100	Pavt, Rem	2040050	96.000	Syd
0110	Sidewalk, Rem	2040055	511.000	Syd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0140	_ Machine Grading, Modified	2057002	10.000	Sta
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0160	Erosion Control, Silt Fence	2080036	100.000	Ft
0170	Subbase, CIP	3010002	1,485.000	Cyd
0180	Aggregate Base, 3 inch	3020008	540.000	Syd
0190	Aggregate Base, 8 inch	3020020	3,405.000	Syd
0200	Maintenance Gravel	3060020	500.000	Ton
0210	Approach, CI I, 6 inch	3070008	444.000	Syd
0220	Sewer, CI A, 12 inch, Tr Det B	4020033	188.000	Ft
0230	Sewer, CI IV, 24 inch, Tr Det B	4020993	16.000	Ft
0240	Sewer Tap, 24 inch	4021207	1.000	Ea
0250	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0260	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0270	_ Sanitary Sewer, Interior Drop Connection	4027001	10.000	Ft

0280	_ Sanitary Sewer, PVC, 6 inch	4027001	124.000	Ft
0290	_ Sanitary Sewer, PVC, 8 inch	4027001	279.000	Ft
0300	_ Sump Pump Lead and Drain Tile Connection	4027001	200.000	Ft
0310	_ Sanitary Sewer, Reconnect to Existing	4027050	7.000	Ea
0320	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0330	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0340	Dr Structure Cover, Type B	4030010	3.000	Ea
0350	Dr Structure Cover, Type D	4030025	1.000	Ea
0360	Dr Structure Cover, Type K	4030050	9.000	Ea
0370	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0380	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0390	_ Dr Structure Collar, Modified	4037050	12.000	Ea
0400	_ Dr Structure, 48 inch dia, Modified	4037050	9.000	Ea
0410	_ Dr Structure, 60 inch dia, Modified	4037050	2.000	Ea
0420	_ Sanitary Cover	4037050	4.000	Ea
0430	_ Sanitary Structure, 48 inch dia	4037050	3.000	Ea
0440	_ Sanitary Structure, 60 inch dia	4037050	1.000	Ea
0450	Underdrain, Subbase, 6 inch	4040063	1,932.000	Ft
0460	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0470	HMA Surface, Rem	5010005	3,856.000	Syd
0480	Hand Patching	5010025	44.000	Ton
0490	HMA Approach	5010061	89.000	Ton
0500	HMA, LVSP	5010703	797.000	Ton
0510	Driveway, Nonreinf Conc, 6 inch	8010005	420.000	Syd
0520	Curb and Gutter, Conc, Det F4	8020038	1,876.000	Ft
0530	Detectable Warning Surface	8030010	45.000	Ft
0540	Curb Ramp Opening, Conc	8030030	66.000	Ft
0550	Sidewalk Ramp, Conc, 6 inch	8030036	888.000	Sft
0560	Sidewalk, Conc, 4 inch	8030044	4,690.000	Sft
0570	Sidewalk, Conc, 6 inch	8030046	1,650.000	Sft
0580	Post, Mailbox	8070095	6.000	Ea
0590	Post, Steel, 3 lb	8100371	199.000	Ft
0600	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0610	Sign, Type III, Rem	8100403	19.000	Ea
0620	Sign, Type IIIA	8100404	13.000	Sft
0630	Sign, Type IIIB	8100405	25.000	Sft
0640	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	76.000	Ft
0660	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	19.000	Ft
0670	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	212.000	Ft
0680	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	212.000	Ft
0690	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	196.000	Ft
0700	Recessing Pavt Mrkg, Transv	8110451	76.000	Sft
0710	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	26.000	Ft

0720	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	26.000	Ft
0730	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	189.000	Ft
0740	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	189.000	Ft
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0770	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
0780	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0790	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0800	Minor Traf Devices	8120170	1.000	LSUM
0810	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	76.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	76.000	Ft
0830	Plastic Drum, High Intensity, Furn	8120250	88.000	Ea
0840	Plastic Drum, High Intensity, Oper	8120251	88.000	Ea
0850	Sign Cover	8120310	25.000	Ea
0860	Sign, Type B, Temp, Prismatic, Furn	8120350	665.000	Sft
0870	Sign, Type B, Temp, Prismatic, Oper	8120351	665.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	67.000	Sft
0890	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	67.000	Sft
0900	Traf Regulator Control	8120370	1.000	LSUM
0910	_ Slope Restoration, Modified	8167011	2,250.000	Syd
0920	Gate Valve and Box, 8 inch	8230052	4.000	Ea
0930	Gate Valve and Box, 12 inch	8230054	1.000	Ea
0940	Hydrant, Rem	8230091	1.000	Ea
0950	Water Main, 4 inch, Cut and Plug	8230130	1.000	Ea
0960	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
0970	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea
0980	Water Main, DI, 12 inch, Tr Det G	8230166	5.000	Ft
0990	Water Serv	8230240	1.000	Ea
1000	Water Serv, Long	8230245	4.000	Ea
1010	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1020	Water Shutoff, Adj, Case 2	8230422	6.000	Ea
1030	Gate Box, Adj, Case 1	8230431	5.000	Ea
1040	Gate Box, Adj, Case 2	8230432	1.000	Ea
1050	_ Water Main, PVC, 4 inch, Tr Det G	8237001	10.000	Ft
1060	_ Water Main, PVC, 6 inch, Tr Det G	8237001	10.000	Ft
1070	_ Water Main, PVC, 8 inch, Tr Det G	8237001	416.000	Ft
1080	_ Connection to Existing 12 inch Water Main	8237050	2.000	Ea
1090	_ Connection to Existing 4 inch Water Main	8237050	1.000	Ea
1100	_ Connection to Existing 8 inch Water Main	8237050	1.000	Ea
1110	_ Curb Stop, Relocate	8237050	2.000	Ea
1120	_ Hydrant, Complete, 6 inch	8237050	1.000	Ea
1130	_ Valve Box, Rem	8237050	2.000	Ea

1140	_ Flowable Fill	8267021	3.000	Cyd
1150	_ Reimbursed Permit Fees	8267060	2,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 038

Letting Date: May 3, 2019

Contract ID: 70000-130698

Description: 0.49 mi of hot mix asphalt resurfacing, sidewalk ramps, signing, water main and pavement markings on Van Buren Street from 36th Avenue to Balsam Drive in the city of Hudsonville, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130698A	1900577	N/A	STU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1027060	2,000.000	Dlr
0020	Mobilization, Max \$42,700.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	445.000	Ft
0040	Sidewalk, Rem	2040055	227.000	Syd
0050	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	_ Roadway Grading	2057002	7.000	Sta
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0080	Subbase, CIP	3010002	500.000	Cyd
0090	Aggregate Base	3020001	200.000	Ton
0100	Aggregate Base, 8 inch	3020020	1,500.000	Syd
0110	Aggregate Base, Conditioning	3020051	20.000	Sta
0120	Maintenance Gravel, LM	3060021	60.000	Cyd
0130	Trench Undercut and Backfill	4021260	100.000	Cyd
0140	Dr Structure Cover, Type B	4030010	1.000	Ea
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure Cover, Type Q	4030065	1.000	Ea
0170	Dr Structure, Temp Lowering	4030390	12.000	Ea
0180	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	15.000	Ea
0190	HMA Surface, Rem	5010005	10,900.000	Syd
0200	HMA, LVSP	5010703	2,700.000	Ton
0210	Curb and Gutter, Conc, Det F4	8020038	339.000	Ft
0220	Driveway Opening, Conc, Det M	8020050	10.000	Ft
0230	Curb Ramp Opening, Conc	8030030	96.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	1,135.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	875.000	Sft
0260	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0270	Post, Steel, 3 lb	8100371	56.000	Ft

0280	Sign, Type IIIB	8100405	38.000	Sft
0290	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	368.000	Ft
0300	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	78.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	73.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,100.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,100.000	Ft
0340	Rem Spec Mrkg	8110343	81.000	Sft
0350	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0360	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	400.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0390	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0450	Sign Cover	8120310	1.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Slope Restoration	8167011	500.000	Syd
0500	Gate Box, Adj, Temp, Case 1	8230391	3.000	Ea
0510	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	32.000	Ft
0520	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	670.000	Ft
0530	_ Water Service, 1 inch, Augered	8237001	300.000	Ft
0540	_ Bend, 45 Deg, 6 inch	8237050	8.000	Ea
0550	_ Bend, 45 Deg, 8 inch	8237050	14.000	Ea
0560	_ Bend, 90 Deg, 6 inch	8237050	1.000	Ea
0570	_ Corp Stop, Curb Stop and Box, 1 inch	8237050	8.000	Ea
0580	_ Cut and Plug Ex WM	8237050	8.000	Ea
0590	_ Gate Box, Rem	8237050	2.000	Ea
0600	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
0610	_ Gate Valve and Box, 8 inch, Modified	8237050	3.000	Ea
0620	_ Reducer, 8 inch x 6 inch	8237050	2.000	Ea
0630	_ Tee, 8 inch x 8 inch x 6 inch	8237050	2.000	Ea
0640	_ Tee, 8 inch x 8 inch x 8 inch	8237050	2.000	Ea
0650	_ Water Main Tap, 6 inch	8237050	4.000	Ea
0660	_ Water Main Tap, 8 inch	8237050	2.000	Ea
0670	_ Water Service, Reconnect	8237050	8.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 039

Letting Date: May 3, 2019

Contract ID: 63000-203634

Description: 1.10 mi of application of gravel to existing gravel roadway, curb and gutter, earth and peat excavation, subgrade undercutting and drainage on South Sashabaw Road from Sherwood Road to Granger Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203634A	1900595	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$263,100.00	1500001	1.000	LSUM
0020	_ Grubbing, RCOC	2017012	1.540	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	12.000	Ea
0040	Stump, Rem, 37 inch or Larger	2020007	5.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	72.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	30.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0080	Dr Structure, Rem	2030011	4.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	1,016.000	Ft
0100	Curb and Gutter, Rem	2040020	587.000	Ft
0110	Fence, Rem	2040025	284.000	Ft
0120	Masonry and Conc Structure, Rem	2040045	31.000	Cyd
0130	Pavt, Rem	2040050	25.000	Syd
0140	_ Exploration for Utility Location	2047021	40.000	Cyd
0150	Embankment, CIP	2050010	4,281.000	Cyd
0160	Excavation, Earth	2050016	5,680.000	Cyd
0170	Excavation, Peat	2050017	13,165.000	Cyd
0180	_ Excavation, Earth, RCOC	2057011	4,593.000	Syd
0190	_ Subgrade Undercutting, 21AA	2057021	700.000	Cyd
0200	_ Subgrade Undercutting, 3 by 1	2057021	1,300.000	Cyd
0210	_ Dewatering System, Excavation	2057051	1.000	LSUM
0220	Aggregate, 6A	2060001	190.000	Cyd
0230	Erosion Control, Filter Bag	2080014	6.000	Ea
0240	_ Erosion Control, Check Dam, Stone, RCOC	2087001	262.000	Ft
0250	_ Erosion Control, Silt Fence, RCOC	2087001	5,555.000	Ft
0260	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	12.000	Ea
0270	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	1,698.000	Syd

0280	_ Aggregate Base, 8 inch, CIP, 21AA, RCOC	3027011	30,677.000	Syd
0290	_ Approach, 21AA	3027031	142.000	Ton
0300	_ Geotextile Fabric, Type NW 8	3037011	35,136.000	Syd
0310	Aggregate Surface Cse, 8 inch	3060012	464.000	Syd
0320	Maintenance Gravel	3060020	50.000	Ton
0330	_ Shoulder, 21AA, 6 inch	3077011	4,048.000	Syd
0340	_ Biaxial Geogrid	3087011	43,616.000	Syd
0350	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0360	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0370	Culv End Sect, Conc, 18 inch	4010049	3.000	Ea
0380	Culv, CI E, Conc, 12 inch	4010573	50.000	Ft
0390	Culv, CI E, Conc, 15 inch	4010574	42.000	Ft
0400	Culv, CI E, Conc, 18 inch	4010575	106.000	Ft
0410	Culv, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch	4010906	134.000	Ft
0420	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	93.000	Ft
0430	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Longit	4011049	1.000	Ea
0440	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Longit	4011061	6.000	Ea
0450	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Longit	4011063	2.000	Ea
0460	_ Culv, CI F, CSP, 12 inch, RCOC	4017001	918.000	Ft
0470	_ Culv, CI F, CSP, 18 inch, RCOC	4017001	73.000	Ft
0480	_ Culv, Reinf Conc Ellip, HE CI IV, 53 inch by 83 inch	4017001	64.000	Ft
0490	_ Coarse Aggregate, 3 by 1	4017021	11,664.000	Cyd
0500	_ Culv End Sect, Conc, Ellip Pipe, 34 inch by 53 inch	4017050	2.000	Ea
0510	_ Culv End Sect, Conc, Ellip Pipe, 38 inch by 60 inch	4017050	2.000	Ea
0520	_ Culv End Sect, Conc, Ellip Pipe, 53 inch by 83 inch	4017050	2.000	Ea
0530	Sewer, CI IV, 12 inch, Tr Det B	4020987	839.000	Ft
0540	Sewer, CI IV, 15 inch, Tr Det B	4020988	159.000	Ft
0550	Sewer, CI IV, 18 inch, Tr Det B	4020989	607.000	Ft
0560	Sewer Tap, 15 inch	4021205	1.000	Ea
0570	Sewer Tap, 18 inch	4021206	1.000	Ea
0580	Trench Undercut and Backfill	4021260	101.000	Cyd
0590	Video Taping Sewer and Culv Pipe	4021275	2,642.000	Ft
0600	Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det B	4021450	266.000	Ft
0610	Dr Structure Cover, Type B	4030010	2.000	Ea
0620	Dr Structure Cover, Type G	4030040	1.000	Ea
0630	Dr Structure Cover, Type J	4030045	16.000	Ea
0640	Dr Structure, 24 inch dia	4030200	4.000	Ea
0650	Dr Structure, 48 inch dia	4030210	14.000	Ea
0660	Dr Structure, 60 inch dia	4030220	1.000	Ea
0670	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	13.000	Ft
0680	Underdrain, Pipe, Open-Graded, 4 inch	4040041	119.000	Ft
0690	Underdrain Outlet, 4 inch	4040091	20.000	Ft

0700	Underdrain Outlet, 6 inch	4040093	540.000	Ft
0710	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
0720	Underdrain, Outlet Ending, 6 inch	4040113	22.000	Ea
0730	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	2,805.000	Ft
0740	HMA Surface, Rem	5010005	2,789.000	Syd
0750	Hand Patching	5010025	50.000	Ton
0760	HMA, 3E1	5010044	3,299.000	Ton
0770	HMA, 5E1	5010056	3,299.000	Ton
0780	HMA Approach	5010061	483.000	Ton
0790	_ Void Reducing Asphalt Membrane, RCOC	5017001	5,470.000	Ft
0800	_ HMA Approach (Residential)	5017031	326.000	Ton
0810	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0820	Driveway, Nonreinf Conc, 6 inch	8010005	125.000	Syd
0830	Curb and Gutter, Conc, Det B2	8020016	2,810.000	Ft
0840	_ Spillway, Conc, RCOC	8027001	355.000	Ft
0850	Post, Mailbox	8070095	38.000	Ea
0860	Post, Steel, 3 lb	8100371	264.000	Ft
0870	Sign, Type II, Rem	8100397	1.000	Ea
0880	Sign, Type IIB	8100399	7.000	Sft
0890	Sign, Type III, Rem	8100403	19.000	Ea
0900	Sign, Type IIIA	8100404	60.000	Sft
0910	Sign, Type IIIB	8100405	60.000	Sft
0920	_ Decorative Sign, Rem, RCOC	8107050	10.000	Ea
0930	_ Post, Flexible, Delineator, RCOC	8107050	40.000	Ea
0940	_ Street Sign Post	8107050	4.000	Ea
0950	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,949.000	Ft
0960	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	10,277.000	Ft
0970	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0980	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0990	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
1000	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
1010	Dust Palliative, Applied	8120100	10.000	Ton
1020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1030	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1040	Minor Traf Devices	8120170	1.000	LSUM
1050	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,000.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,277.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	11,700.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,916.000	Ft
1090	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
1100	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea

1110	Sign Cover	8120310	10.000	Ea
1120	Sign, Type B, Temp, Prismatic, Furn	8120350	702.000	Sft
1130	Sign, Type B, Temp, Prismatic, Oper	8120351	702.000	Sft
1140	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	271.000	Sft
1150	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	271.000	Sft
1160	Traf Regulator Control	8120370	1.000	LSUM
1170	_ Riprap, Plain, RCOC	8137011	225.000	Syd
1180	_ Ditch, Plain Cobble, RCOC	8147011	36.000	Syd
1190	_ Check Dam, Permanent, RCOC	8147050	6.000	Ea
1200	_ Turf Establishment, BS Seed, Regular Mulch, Performance, RCOC	8167011	152.000	Syd
1210	_ Turf Establishment, ES Seed, Regular Mulch, Performance, RCOC	8167011	456.000	Syd
1220	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	16,765.000	Syd
1230	_ PVC Pipe, Cut to Grade	8197050	6.000	Ea
1240	_ Sinusoidal Corrugations, Milled, HMA Centerline, RCOC	8227001	5,921.000	Ft
1250	_ Sprinkler Line	8237001	1,000.000	Ft
1260	_ Sprinkler Head, Relocate	8237050	100.000	Ea
1270	_ Sprinkler Head, Replace	8237050	10.000	Ea
1280	_ Reimbursed Permit Fees	8507060	1,500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 040

Letting Date: May 3, 2019

Contract ID: 09033-124147

Description: 3.38 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk, and driveway, culverts, drainage, sewer, joint repairs, guardrails, traffic signal upgrade, signing and pavement markings, and bridge and culvert waterproofing membrane on M-13 from North Street northerly to Bay Arenac Line Road in the city of Pinconning, Bay County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124147A	1900675	N/A	ST 09033
203662A	1900526	N/A	NH 09033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$625,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	69.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea
0070	Dr Structure, Rem	2030011	6.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	784.000	Ft
0090	Curb and Gutter, Rem	2040020	2,175.000	Ft
0100	Fence, Rem	2040025	128.000	Ft
0110	Guardrail, Rem	2040035	693.000	Ft
0120	Pavt, Rem	2040050	158.000	Syd
0130	Sidewalk, Rem	2040055	218.000	Syd
0140	Ditch Cleanout	2050006	194.000	Sta
0150	Embankment, CIP	2050010	3,558.000	Cyd
0160	Excavation, Earth	2050016	13,757.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	234.000	Ft
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0200	Erosion Control, Inlet Protection, Sediment Trap	2080024	7.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0220	Erosion Control, Sand Fence	2080030	40.000	Ft
0230	Erosion Control, Sediment Trap	2080034	16.000	Ea
0240	Erosion Control, Silt Fence	2080036	2,625.000	Ft
0250	Subbase, CIP	3010002	16,125.000	Cyd

0260	Aggregate Base, 6 inch	3020016	50,355.000	Syd
0270	Aggregate Surface Cse, 6 inch	3060010	574.000	Syd
0280	Maintenance Gravel	3060020	150.000	Ton
0290	Approach, CI II, 6 inch	3070028	1,685.000	Syd
0300	Trenching	3070200	292.000	Sta
0310	_ Shoulder, CI II, Modified	3077031	1,235.000	Ton
0320	Culv End Sect, 12 inch	4010012	2.000	Ea
0330	Culv End Sect, 15 inch	4010015	89.000	Ea
0340	Culv End Sect, 18 inch	4010018	21.000	Ea
0350	Culv End Sect, 24 inch	4010024	2.000	Ea
0360	Culv End Sect, 30 inch	4010030	2.000	Ea
0370	Culv, CI F, 15 inch	4010608	2,557.000	Ft
0380	Culv, CI F, 18 inch	4010609	435.000	Ft
0390	Culv, CI F, 24 inch	4010610	58.000	Ft
0400	Culv, CI F, 30 inch	4010611	68.000	Ft
0410	Sewer, CI A, 12 inch, Tr Det A	4020004	416.000	Ft
0420	Sewer, CI A, 15 inch, Tr Det A	4020005	359.000	Ft
0430	Sewer, CI A, 18 inch, Tr Det A	4020006	375.000	Ft
0440	Sewer, CI A, 12 inch, Tr Det B	4020033	30.000	Ft
0450	Sewer, CI A, 15 inch, Tr Det B	4020034	14.000	Ft
0460	Sewer, CI A, 18 inch, Tr Det B	4020035	29.000	Ft
0470	Sewer, CI E, 15 inch, Tr Det B	4020601	92.000	Ft
0480	Sewer Tap, 10 inch	4021203	1.000	Ea
0490	Sewer Tap, 12 inch	4021204	1.000	Ea
0500	Sewer Tap, 18 inch	4021206	2.000	Ea
0510	Video Taping Sewer and Culv Pipe	4021275	2,800.000	Ft
0520	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0530	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0540	Dr Structure Cover, Type B	4030010	8.000	Ea
0550	Dr Structure Cover, Type J	4030045	8.000	Ea
0560	Dr Structure Cover, Type K	4030050	1.000	Ea
0570	Dr Structure, 48 inch dia	4030210	12.000	Ea
0580	Dr Structure, 72 inch dia	4030230	1.000	Ea
0590	Pavt, Cleaning	5010001	1.000	LSUM
0600	Cold Milling HMA Surface	5010002	94,368.000	Syd
0610	Bump Grinding	5010004	200.000	Syd
0620	HMA Surface, Rem	5010005	43,884.000	Syd
0630	HMA Quality Initiative	5010007	74,964.000	Dlr
0640	Longitudinal Joint Density Quality Initiative	5010018	209,665.000	Dlr
0650	Pavt Joint and Crack Repr, Det 7	5010020	8,750.000	Ft
0660	Pavt Joint and Crack Repr, Det 8	5010021	26,250.000	Ft
0670	Hand Patching	5010025	3,075.000	Ton
0680	HMA, 3E3	5010045	4,529.000	Ton
0690	HMA, 4E3	5010051	12,722.000	Ton
0700	HMA, 5E3	5010057	9,784.000	Ton

0710	HMA Approach	5010061	4,537.000	Ton
0720	HMA, 4E3, High Stress	5010509	883.000	Ton
0730	HMA, 5E3, High Stress	5010515	662.000	Ton
0740	HMA Approach, High Stress	5010520	1,155.000	Ton
0750	HMA, Temp Pavt (3E3)	5010804	225.000	Ton
0760	_ Ride Incentive	5017060	48,265.000	Dlr
0770	Bridge Railing, Thrie Beam Retrofit	7110006	100.000	Ft
0780	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0790	_ Roadside Unit, Intersection	8007050	1.000	Ea
0800	Driveway, Nonreinf Conc, 6 inch	8010005	514.000	Syd
0810	Driveway, Nonreinf Conc, 8 inch	8010007	109.000	Syd
0820	Curb and Gutter, Conc, Det B2	8020016	3,914.000	Ft
0830	Curb and Gutter, Conc, Det C6	8020025	211.000	Ft
0840	Curb and Gutter, Conc, Det D2	8020031	221.000	Ft
0850	Driveway Opening, Conc, Det M	8020050	138.000	Ft
0860	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0870	Spillway, Conc	8020075	10.000	Ft
0880	Detectable Warning Surface	8030010	24.000	Ft
0890	Curb Ramp Opening, Conc	8030030	75.000	Ft
0900	Sidewalk Ramp, Conc, 6 inch	8030036	675.000	Sft
0910	Sidewalk, Conc, 4 inch	8030044	1,635.000	Sft
0920	Guardrail, Type B	8070000	250.000	Ft
0930	Guardrail, Type MGS-8	8070004	1,198.000	Ft
0940	Guardrail, Curved, Type B	8070010	338.000	Ft
0950	Guardrail Anch, Bridge, Det A1	8070020	2.000	Ea
0960	Guardrail Anch, Bridge, Det A2	8070021	2.000	Ea
0970	Guardrail Approach Terminal, Type 2M	8070044	18.000	Ea
0980	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0990	Guardrail Post, Culv	8070070	4.000	Ea
1000	Guardrail Reflector	8070080	113.000	Ea
1010	Post, Mailbox	8070095	60.000	Ea
1020	_ Guardrail Long Span, Det MGS-2	8077050	2.000	Ea
1030	Fence, Chain Link, 48 inch	8080011	127.000	Ft
1040	Delineator Reflector, Green	8100133	29.000	Ea
1050	Fdn, Wood Support, Rem	8100280	4.000	Ea
1060	Post, Rigid, Delineator	8100361	29.000	Ea
1070	Post, Steel, 3 lb	8100371	861.000	Ft
1080	Post, Wood, 4 inch by 6 inch	8100380	62.000	Ft
1090	Sign, Type II, Erect, Salv	8100396	4.000	Ea
1100	Sign, Type II, Rem	8100397	5.000	Ea
1110	Sign, Type IIA	8100398	20.000	Sft
1120	Sign, Type III, Erect, Salv	8100402	55.000	Ea
1130	Sign, Type III, Rem	8100403	56.000	Ea
1140	Sign, Type IIIB	8100405	22.000	Sft
1150	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	9,260.000	Ft

1160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	150.000	Ft
1190	Recessing Pavt Mrkg, Longit	8110450	45,125.000	Ft
1200	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	34,815.000	Ft
1210	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	36,090.000	Ft
1220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
1230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
1240	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
1250	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1260	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1270	Minor Traf Devices	8120170	1.000	LSUM
1280	Pavt Mrkg Cover, Type R, Black	8120200	800.000	Ft
1290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,488.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	35,904.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,172.000	Ft
1320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	38,776.000	Ft
1330	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
1340	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
1350	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
1360	Sign Cover	8120310	10.000	Ea
1370	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1380	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,690.000	Sft
1400	Sign, Type B, Temp, Prismatic, Oper	8120351	1,690.000	Sft
1410	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	160.000	Sft
1420	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	160.000	Sft
1430	Traf Regulator Control	8120370	1.000	LSUM
1440	Site Preparation, Max \$420.00	8150001	1.000	LSUM
1450	Watering and Cultivating, First Season, Min \$204.00	8150002	1.000	LSUM
1460	Watering and Cultivating, Second Season, Min \$252.00	8150003	1.000	LSUM
1470	Acer rubrum Red Sunset, 1 3/4 inch	8150144	4.000	Ea
1480	_ Turf Establishment, Performance	8167011	18,898.000	Syd
1490	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
1500	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
1510	Conduit, DB, 3, 3 inch	8190035	80.000	Ft
1520	Conduit, DB, 4, 3 inch	8190038	30.000	Ft
1530	Hh, Polymer Conc	8190250	2.000	Ea
1540	Hh, Rem	8190254	2.000	Ea
1550	Hh, Round, 3 foot dia	8190259	1.000	Ea

1560	Hh, Round	8190260	3.000	Ea
1570	Wood Pole, Rem	8190505	2.000	Ea
1580	_ Conc Fdn, Spec	8197050	3.000	Ea
1590	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1600	Controller and Cabinet, Rem	8200030	1.000	Ea
1610	Controller Fdn, Base Mount	8200045	1.000	Ea
1620	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1630	Pushbutton, Rem	8200122	4.000	Ea
1640	Serv Disconnect, Rem	8200136	1.000	Ea
1650	Span Wire	8200140	5.000	Ea
1660	Span Wire, Rem	8200141	2.000	Ea
1670	Span Wire Tether	8200142	2.000	Ea
1680	Loop Detector, Rem	8200173	1.000	Ea
1690	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1700	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1710	Cabinet, NEMA Type	8200186	1.000	Ea
1720	TS, Wireless Link, 5 Gigahertz, Master	8200274	1.000	Ea
1730	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1740	TS, Two Way Span Wire Mtd (LED)	8200322	5.000	Ea
1750	TS, Antenna	8200367	1.000	Ea
1760	TS, Antenna, Rem	8200368	1.000	Ea
1770	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1780	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
1790	TS Face, Bag	8200458	16.000	Ea
1800	TS Face, Bag, Rem	8200459	12.000	Ea
1810	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
1820	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
1830	Strain Pole Fdn, 6 Bolt	8200470	51.000	Ft
1840	Casing	8200480	9.000	Ft
1850	Cellular Modem, TS, 4G	8200498	1.000	Ea
1860	Backplate, TS	8200501	4.000	Ea
1870	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
1880	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	2.000	Ea
1890	Radar Vehicle Dilemma Zone Detector System	8200520	1.000	Ea
1900	Radar Vehicle Dilemma Zone Detector Sensor	8200523	2.000	Ea
1910	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1920	Monument Box	8210001	7.000	Ea
1930	Centerline Corrugations, Milled, HMA	8220013	12,892.000	Ft
1940	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	20,629.000	Ft
1950	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1960	Lightning Protection, Pole	8260021	1.000	Ea

Section: 2

1970	_ Spray Applied Waterproofing Membrane	7107011	284.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 190503 041

Letting Date: May 3, 2019

Contract ID: 82192-86919

Description: Bridge removal and reconstruction with 21 and 33 inch prestressed concrete decks, ornamental railing, approach work and pavement markings on Vassar Avenue, Verne Avenue and Sawyer Avenue over M-39 in the city of Detroit, Wayne County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
86919A	1900631	N/A	NH 82193

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0020	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	11.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	79.000	Ft
0060	Conc Barrier, Rem	2040010	228.000	Ft
0070	Curb and Gutter, Rem	2040020	300.000	Ft
0080	Curb, Rem	2040021	113.000	Ft
0090	Fence, Rem	2040025	1,957.000	Ft
0100	Gutter, Rem	2040040	258.000	Ft
0110	Pavt, Rem	2040050	129.000	Syd
0120	Sidewalk, Rem	2040055	290.000	Syd
0130	Exploratory Investigation, Vertical	2040080	600.000	Ft
0140	Excavation, Earth	2050016	61.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	47.000	Ea
0180	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0200	Erosion Control, Silt Fence	2080036	560.000	Ft
0210	Subbase, CIP	3010002	51.000	Cyd
0220	Maintenance Gravel, LM	3060021	600.000	Cyd
0230	Sewer, Cl A, 12 inch, Tr Det A	4020004	23.000	Ft
0240	Sewer Tap, 12 inch	4021204	2.000	Ea
0250	_ Sewer Cleanout	4027001	200.000	Ft
0260	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea

0270	Dr Structure Cover, Type B	4030010	3.000	Ea
0280	Dr Structure Cover, Type E	4030035	2.000	Ea
0290	Dr Structure, 24 inch dia	4030200	3.000	Ea
0300	Dr Structure, Cleaning	4030290	20.000	Ea
0310	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0320	Dr Structure, Tap, 8 inch	4030308	2.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0340	HMA Surface, Rem	5010005	192.000	Syd
0350	Hand Patching	5010025	4.000	Ton
0360	Conc Base Cse, Nonreinf, 9 inch	6020021	8.000	Syd
0370	_ Conc Pavt, Decorative, Nonreinf, 12 inch	6027011	117.000	Syd
0380	Joint, Contraction, Crg	6030020	98.000	Ft
0390	Joint, Expansion, Erg	6030021	106.000	Ft
0400	Lane Tie, Epoxy Anchored	6030030	73.000	Ea
0410	_ Ornamental Railing, Type 3	7117001	193.000	Ft
0420	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
0430	Curb, Conc, Det E1	8020001	300.000	Ft
0440	_ Valley Gutter, Conc, 12 inch, Modified	8027001	258.000	Ft
0450	Detectable Warning Surface	8030010	34.000	Ft
0460	Curb Ramp Opening, Conc	8030030	107.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	610.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	3,092.000	Sft
0490	_ Sidewalk Ramp, Conc, 4 inch, Decorative	8037010	705.000	Sft
0500	_ Sidewalk, Conc, 4 inch, Decorative	8037010	2,482.000	Sft
0510	Conc Barrier, Single Face, Type A	8040001	98.000	Ft
0520	Conc Barrier, Double Face, Type A	8040005	60.000	Ft
0530	Guardrail, Type T	8070002	38.000	Ft
0540	Guardrail, Type MGS-8	8070004	88.000	Ft
0550	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0560	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0570	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0580	Fence, Temp	8080004	630.000	Ft
0590	Fence, Chain Link, 48 inch	8080011	619.000	Ft
0600	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
0610	Bridge Sign Connection, Type C, Rem	8100082	4.000	Ea
0620	Bridge Sign Connection, Type D, Rem	8100083	1.000	Ea
0630	Cantilever, Type E	8100104	3.000	Ea
0640	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	20.000	Ft
0650	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Uncased	8100171	48.000	Ft
0660	Fdn, Wood Support, Rem	8100280	2.000	Ea
0670	Post, Steel, 3 lb	8100371	124.000	Ft
0680	Post, Wood, 4 inch by 6 inch	8100380	82.000	Ft
0690	Sign, Type I, Rem	8100391	5.000	Ea

0700	Sign, Type IA	8100392	362.000	Sft
0710	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0720	Sign, Type II, Rem	8100397	7.000	Ea
0730	Sign, Type IIB	8100399	5.000	Sft
0740	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0750	Sign, Type III, Rem	8100403	10.000	Ea
0760	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,460.000	Ft
0770	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,800.000	Ft
0780	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,400.000	Ft
0790	Rem Spec Mrkg	8110343	240.000	Sft
0800	Barricade, Type III, High Intensity, Lighted, Furn	8120022	59.000	Ea
0810	Barricade, Type III, High Intensity, Lighted, Oper	8120023	59.000	Ea
0820	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0830	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
0840	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea
0850	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
0860	Conc Barrier Reflector Replacement	8120070	36.000	Ea
0870	Conc Barrier, Temp, Adj	8120080	1,856.000	Ft
0880	Conc Barrier, Temp, Furn	8120081	3,136.000	Ft
0890	Conc Barrier, Temp, Oper	8120082	3,136.000	Ft
0900	High Intensity Light, Type B, Furn	8120110	8.000	Ea
0910	High Intensity Light, Type B, Oper	8120111	8.000	Ea
0920	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0930	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0940	Ltg for Night Work	8120160	1.000	LSUM
0950	Minor Traf Devices	8120170	1.000	LSUM
0960	Mobile Attenuator	8120180	2.000	Ea
0970	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,615.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	29,612.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	38,624.000	Ft
1000	Plastic Drum, Fluorescent, Furn	8120252	691.000	Ea
1010	Plastic Drum, Fluorescent, Oper	8120253	691.000	Ea
1020	Sign Cover	8120310	53.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
1040	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
1050	Sign, Type B, Temp, Prismatic, Furn	8120350	6,978.000	Sft
1060	Sign, Type B, Temp, Prismatic, Oper	8120351	6,978.000	Sft
1070	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	2,407.000	Sft
1080	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	2,407.000	Sft
1090	_ Conc Barrier-Mounted Temp Sign System,Furn	8127050	24.000	Ea
1100	_ Conc Barrier-Mounted Temp Sign System,Oper	8127050	24.000	Ea
1110	Site Preparation, Max \$2,580.00	8150001	1.000	LSUM

1120	Watering and Cultivating, First Season, Min \$1,255.00	8150002	1.000	LSUM
1130	Watering and Cultivating, Second Season, Min \$1,550.00	8150003	1.000	LSUM
1140	Panicum virgatum Northwind, #2 cont.	8152573	109.000	Ea
1150	Panicum virgatum Shenandoah, #2 cont.	8152583	52.000	Ea
1160	_ Helictotrichon sempervirens Sapphire,#2 cont.	8157050	78.000	Ea
1170	Slope Restoration, Type A	8160100	2,034.000	Syd
1180	Hh, Heavy Duty Cover	8190246	2.000	Ea
1190	Light Std Arm, 2 foot	8190264	4.000	Ea
1200	Light Std Arm, Rem	8190277	2.000	Ea
1210	Light Std Fdn, Rem	8190280	2.000	Ea
1220	Light Std Shaft, Rem	8190305	2.000	Ea
1230	Wood Pole, Cl 4, 40 foot	8190473	7.000	Ea
1240	_ Electrical, Install Salv	8197001	60.000	Ft
1250	_ Electrical, Rem & Salv	8197001	60.000	Ft
1260	_ Overhead, #8 Alum Triplex with #8 ACSR Neutral	8197001	500.000	Ft
1270	_ Luminaire, Crosswalk	8197050	4.000	Ea
1280	_ Public Lighting Authority Electrical, Rem, (P01 of 82193)	8197051	1.000	LSUM
1290	Flowable Fill, Non-Structural	8260148	7.000	Cyd

Section: 2

1300	_ Relocation and Site Cleanup	1077051	1.000	LSUM
1310	Mobilization, Max \$535,200.00	1500001	1.000	LSUM
1320	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
1330	Structures, Rem (P03 of 82193)	2040060	1.000	LSUM
1340	Structures, Rem Portions (P01 of 82192)	2040061	1.000	LSUM
1350	Backfill, Structure, CIP	2060002	4,276.000	Cyd
1360	Excavation, Fdn	2060010	5,325.000	Cyd
1370	Project Cleanup	2090001	1.000	LSUM
1380	Underdrain, Fdn, 6 inch	4040033	4,199.000	Ft
1390	Underdrain Outlet, 6 inch	4040093	335.000	Ft
1400	Underdrain Outlet, 8 inch	4040095	373.000	Ft
1410	Joint, Expansion, E3	6020208	128.000	Ft
1420	Steel Sheet Piling, Temp, Left in Place	7040003	1,370.000	Sft
1430	Bridge Ltg, Furn and Rem (P01 of 82193)	7060001	1.000	LSUM
1440	Bridge Ltg, Furn and Rem (P03 of 82193)	7060001	1.000	LSUM
1450	Bridge Ltg, Oper and Maintain	7060002	305.000	Cyd
1460	Conc, Grade S2, Subfooting	7060012	141.000	Cyd
1470	Elec Grounding System	7060040	2.000	Ea
1480	Expansion Joint Device	7060050	20.000	Ft
1490	Expansion Joint Device, Cover Plate	7060051	97.000	Ft
1500	False Decking	7060060	1,610.000	Sft
1510	Reinforcement, Steel, Epoxy Coated	7060092	338,291.000	Lb
1520	Substructure Conc, High Performance	7060101	2,209.000	Cyd

1530	Superstructure Conc, Form, Finish, and Cure, Night Casting (P01 of 82193)	7060112	1.000	LSUM
1540	Superstructure Conc, Form, Finish, and Cure, Night Casting (P03 of 82193)	7060112	1.000	LSUM
1550	Superstructure Conc, Night Casting, High Performance	7060117	305.000	Cyd
1560	_ Texturing Conc	7067011	579.000	Syd
1570	Bearing, Elastomeric, 1/2 inch	7070010	2,220.000	Sin
1580	Bearing, Elastomeric, 1 inch	7070012	2,376.000	Sin
1590	Bearing, Elastomeric, 1 1/4 inch	7070013	792.000	Sin
1600	Prest Conc Deck, 21 inch	7080003	1,412.000	Sft
1610	Prest Conc Deck, 33 inch	7080005	1,542.000	Sft
1620	Joint Waterproofing	7100001	1,621.000	Sft
1630	Conc Surface Coating, Warranty (P01 of 82193)	7100009	1.000	LSUM
1640	Conc Surface Coating, Warranty (P03 of 82193)	7100009	1.000	LSUM
1650	Substructure Horizontal Surface Sealer (P01 of 82193)	7100030	3.000	Syd
1660	Substructure Horizontal Surface Sealer (P03 of 82193)	7100030	4.000	Syd
1670	_ Bridge Railing, Solid Parapet Type	7117001	637.000	Ft
1680	_ Handrail	7117001	2,997.000	Ft
1690	_ Ornamental Railing, Type 1	7117001	2,059.000	Ft
1700	_ Ornamental Railing, Type 2	7117001	637.000	Ft
1710	Reinforcement, Mechanical Splice	7120084	318.000	Ea
1720	Drain Casting, Type 2	7170002	6.000	Ea
1730	_ Deck Downspout Assembly (P01 of 82193)	7177051	1.000	LSUM
1740	_ Deck Downspout Assembly (P03 of 82193)	7177051	1.000	LSUM
1750	Contractor Staking	8240001	1.000	LSUM
1760	Staking Plan Errors and Extras, One Person	8240020	56.000	Hr
1770	Staking Plan Errors and Extras, Two Person	8240021	22.000	Hr
1780	Staking Plan Errors and Extras, Three Person	8240022	34.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190503 042

Letting Date: May 3, 2019

Contract ID: 63102-204255

Description: 0.46 mi of intersection and pedestrian safety improvements and a bridge rehabilitation on I-696 eastbound at Service Drive and on Washington Avenue at M-1 in the cities of Royal Oak and Pleasant Ridge, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204255A	1900663	N/A	HSIP 63102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$84,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	79.000	Ft
0040	Curb and Gutter, Rem	2040020	1,851.000	Ft
0050	Sidewalk, Rem	2040055	239.000	Syd
0060	Embankment, CIP	2050010	371.000	Cyd
0070	Excavation, Earth	2050016	739.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	8.000	Ea
0120	Erosion Control, Silt Fence	2080036	352.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	816.000	Cyd
0150	Aggregate Base, 6 inch	3020016	1,472.000	Syd
0160	Sewer, Cl A, 12 inch, Tr Det B	4020033	28.000	Ft
0170	Sewer Tap, 12 inch	4021204	5.000	Ea
0180	Dr Structure Cover, Adj, Case 1, Modified	4030004	6.000	Ea
0190	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0200	Dr Structure Cover, Type E	4030035	1.000	Ea
0210	Dr Structure Cover, Type K	4030050	7.000	Ea
0220	Dr Structure, 24 inch dia	4030200	4.000	Ea
0230	Dr Structure, 48 inch dia	4030210	1.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0260	Underdrain, Subbase, 6 inch	4040063	1,976.000	Ft
0270	Underdrain Outlet, 6 inch	4040093	175.000	Ft

0280	Pavt, Cleaning	5010001	1.000	LSUM
0290	Cold Milling HMA Surface	5010002	13,398.000	Syd
0300	HMA Surface, Rem	5010005	1,905.000	Syd
0310	HMA Quality Initiative	5010007	2,890.000	Dlr
0320	Longitudinal Joint Density Quality Initiative	5010018	7,851.000	Dlr
0330	HMA Approach	5010061	177.000	Ton
0340	HMA, 5E3, High Stress	5010515	1,048.000	Ton
0350	HMA Approach, High Stress	5010520	220.000	Ton
0360	Curb and Gutter, Conc, Det F6	8020040	1,799.000	Ft
0370	Detectable Warning Surface	8030010	132.000	Ft
0380	Curb Ramp Opening, Conc	8030030	172.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	1,357.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	161.000	Sft
0410	Sidewalk, Conc, 6 inch	8030046	1,403.000	Sft
0420	_ Brick Pavers, Rem	8037010	14.000	Sft
0430	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	10.000	Sft
0440	Fdn, Wood Support, Rem	8100280	5.000	Ea
0450	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0460	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
0470	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0480	Post Hole Through Conc for Wood Post	8100341	1.000	Ea
0490	Post, Steel, 3 lb	8100371	410.000	Ft
0500	Post, Wood, 4 inch by 6 inch	8100380	54.000	Ft
0510	Post, Wood, 6 inch by 8 inch	8100382	36.000	Ft
0520	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0530	Sign, Type I, Rem	8100391	1.000	Ea
0540	Sign, Type IA	8100392	114.000	Sft
0550	Sign, Type IB	8100393	40.000	Sft
0560	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0570	Sign, Type II, Rem	8100397	4.000	Ea
0580	Sign, Type III, Erect, Salv	8100402	24.000	Ea
0590	Sign, Type III, Rem	8100403	28.000	Ea
0600	Sign, Type IIIB	8100405	64.000	Sft
0610	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	111.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
0660	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,636.000	Ft
0670	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	397.000	Ft
0680	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,374.000	Ft
0690	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	150.000	Ft

0700	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	730.000	Ft
0710	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	590.000	Ft
0720	Rem Spec Mrkg	8110343	592.000	Sft
0730	Recessing Pavt Mrkg, Longit	8110450	2,488.000	Ft
0740	Recessing Pavt Mrkg, Transv	8110451	2,486.000	Sft
0750	Recessing Pavt Mrkg, Turning Guide Line	8110452	51.000	Sft
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0790	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0800	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0810	Ltg for Night Work	8120160	1.000	LSUM
0820	Minor Traf Devices	8120170	1.000	LSUM
0830	Pavt Mrkg Cover, Type R, Black	8120200	216.000	Ft
0840	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,375.000	Ft
0850	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	88.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,382.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,236.000	Ft
0880	Plastic Drum, Fluorescent, Furn	8120252	367.000	Ea
0890	Plastic Drum, Fluorescent, Oper	8120253	367.000	Ea
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
0910	Sign Cover	8120310	23.000	Ea
0920	Sign Cover, Type 1	8120320	5.000	Ea
0930	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	7.000	Ea
0940	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	7.000	Ea
0950	Sign, Type A, Temp, Prismatic, Furn	8120340	448.000	Sft
0960	Sign, Type A, Temp, Prismatic, Oper	8120341	448.000	Sft
0970	Sign, Type B, Temp, Prismatic, Furn	8120350	2,238.000	Sft
0980	Sign, Type B, Temp, Prismatic, Oper	8120351	2,238.000	Sft
0990	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	237.000	Sft
1000	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	237.000	Sft
1010	Traf Regulator Control	8120370	1.000	LSUM
1020	_ Pedestrian Path, Temp	8127001	80.000	Ft
1030	_ Turf Establishment, Performance	8167011	2,263.000	Syd
1040	Conduit, Rem	8190140	15.000	Ft
1050	Hh, Adj	8190244	4.000	Ea
1060	Hh, Rem	8190254	2.000	Ea
1070	Hh, Round	8190260	2.000	Ea
1080	Conduit, Directional Bore, 1, 3 inch	8190602	20.000	Ft
1090	Case Sign, Rem	8200020	1.000	Ea

1100	Pushbutton Pedestal, Alum, Salv	8200102	1.000	Ea
1110	Pedestal, Fdn	8200105	1.000	Ea
1120	Pedestal Fdn, Rem	8200106	1.000	Ea
1130	Pedestal, Rem	8200110	1.000	Ea
1140	Pushbutton, Rem	8200122	1.000	Ea
1150	Pushbutton and Sign, Salv	8200126	1.000	Ea
1160	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1170	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
1180	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	1.000	Ea
1190	TS, One Way Span Wire Mtd (LED)	8200313	2.000	Ea
1200	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1210	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1220	TS Head, Adj	8200452	5.000	Ea
1230	TS Face, Bag	8200458	34.000	Ea
1240	TS Face, Bag, Rem	8200459	33.000	Ea
1250	Backplate, TS	8200501	2.000	Ea
1260	Gate Box, Adj, Case 2	8230432	2.000	Ea
1270	Contractor Staking	8240001	1.000	LSUM
1280	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
1290	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1300	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

1310	Expansion Joint Device	7060050	9.000	Ft
1320	Expansion Joint Device, Cover Plate	7060051	12.000	Ft
1330	False Decking	7060060	4,533.000	Sft
1340	Reinforcement, Steel, Epoxy Coated	7060092	6,781.000	Lb
1350	Superstructure Conc, Form, Finish, and Cure (S26 of 63102)	7060111	1.000	LSUM
1360	Superstructure Conc, Form, Finish, and Cure (S43 of 63102)	7060111	1.000	LSUM
1370	Superstructure Conc, High Performance	7060116	84.000	Cyd
1380	_ Expansive Waterstop	7067001	234.000	Ft
1390	_ Strip Seal Gland Replacement	7067001	51.000	Ft
1400	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	304.000	Ea
1410	Structures, Rehabilitation, Rem Portions (S26 of 63102)	7120070	1.000	LSUM
1420	Structures, Rehabilitation, Rem Portions (S43 of 63102)	7120070	1.000	LSUM
1430	Deck Joint, Rem	7120071	13.000	Ft
1440	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
1450	Bridge Joints, Clean and Seal (S26 of 63102)	7120095	1.000	LSUM
1460	Embedded Galvanic Anode	7120120	65.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 043

Letting Date: May 3, 2019

Contract ID: 25073-202631

Description: Culvert replacement with an elliptical culvert on M-54 just north of Saginaw Street, Genesee County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202631A	1900664	N/A	ST 25073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	260.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	40.000	Cyd
0070	Pavt, Rem	2040050	70.000	Syd
0080	Embankment, CIP	2050010	5.000	Cyd
0090	Excavation, Earth	2050016	400.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0130	Erosion Control, Filter Bag	2080014	1.000	Ea
0140	Erosion Control, Gravel Filter Berm	2080018	6.000	Ft
0150	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0160	Erosion Control, Sediment Trap	2080034	2.000	Ea
0170	Erosion Control, Silt Fence	2080036	200.000	Ft
0180	Subbase, CIP	3010002	150.000	Cyd
0190	Aggregate Base, 6 inch	3020016	1,060.000	Syd
0200	_ Shoulder, CI II, Modified	3077031	170.000	Ton
0210	Culv End Sect, 18 inch	4010018	2.000	Ea
0220	Culv, CI F, 18 inch	4010609	50.000	Ft
0230	Culv, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch	4010815	120.000	Ft
0240	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0250	HMA Surface, Rem	5010005	930.000	Syd
0260	HMA Quality Initiative	5010007	480.000	Dlr

0270	Edge Trimming	5010009	1,090.000	Ft
0280	HMA Approach, High Stress	5010520	240.000	Ton
0290	_ Bypass Pumping	7047050	1.000	Ea
0300	_ Construction Dam	7047050	1.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	90.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30.000	Ft
0370	Pavt Mrkg, Waterborne, 6 inch, White	8110233	60.000	Ft
0380	Rem Spec Mrkg	8110343	711.000	Sft
0390	Recessing Pavt Mrkg, Longit	8110450	90.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0420	Conc Barrier Ending, Temp, Detail 4, Adj	8120050	2.000	Ea
0430	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	2.000	Ea
0440	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	2.000	Ea
0450	Conc Barrier, Temp, Adj	8120080	365.000	Ft
0460	Conc Barrier, Temp, Furn	8120081	365.000	Ft
0470	Conc Barrier, Temp, Oper	8120082	365.000	Ft
0480	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0490	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg Cover, Type R, Black	8120200	5,000.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,700.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,700.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0590	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0630	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow	8127050	2.000	Ea
0640	Riprap, Plain	8130010	20.000	Syd
0650	Slope Restoration, Type B	8160101	710.000	Syd

0660	Contractor Staking	8240001	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190503 044

Letting Date: May 3, 2019

Contract ID: 63000-203645

Description: 0.82 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, earth excavation, aggregate base, drainage structures and pavement markings on South Squirrel Road from South Boulevard to Primary Street in the city of Auburn Hills, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203645A	1900618	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Video Route Survey	1047051	1.000	LSUM
0020	Mobilization, Max \$229,100.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	4.000	Ft
0050	Curb and Gutter, Rem	2040020	2,910.000	Ft
0060	Fence, Rem	2040025	66.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	25.000	Cyd
0080	Sidewalk, Rem	2040055	991.000	Syd
0090	_ Driveway, Rem	2047011	716.000	Syd
0100	_ Pavt, Rem, Modified	2047011	15,140.000	Syd
0110	_ Post, Rem	2047050	24.000	Ea
0120	Embankment, CIP	2050010	200.000	Cyd
0130	Excavation, Earth	2050016	2,000.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0150	_ Subgrade Undercutting, Type II, 1 by 3	2057021	50.000	Cyd
0160	_ Subgrade Undercutting, Type II, 21AA	2057021	100.000	Cyd
0170	_ Erosion Control, Inlet Protection, Fabric Drop, OCWRC	2087050	50.000	Ea
0180	Project Cleanup	2090001	1.000	LSUM
0190	_ Aggregate Base, Conditioning, Modified	3027011	15,281.000	Syd
0200	_ Aggregate Base, Modified	3027031	4,342.000	Ton
0210	Maintenance Gravel	3060020	500.000	Ton
0220	Sewer, CI IV, 12 inch, Tr Det B	4020987	8.000	Ft
0230	_ 6" Sanitary Service Leads, Trench B	4027001	300.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea
0250	Dr Structure Cover, Type B	4030010	5.000	Ea
0260	Dr Structure Cover, Type C	4030015	8.000	Ea

0270	Dr Structure Cover, Type Q	4030065	5.000	Ea
0280	Dr Structure, 24 inch dia	4030200	2.000	Ea
0290	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0300	_ Structure Cover, Adj, Add Depth	4037001	20.000	Ft
0310	_ San Structure Cover, Adj, Case 1	4037050	10.000	Ea
0320	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	2,000.000	Ft
0330	Hand Patching	5010025	50.000	Ton
0340	HMA, 3E3	5010045	2,779.000	Ton
0350	HMA, 5E3	5010057	2,779.000	Ton
0360	HMA Approach	5010061	85.000	Ton
0370	_ Void Reducing Asphalt Membrane, RCOC	5017001	4,319.000	Ft
0380	_ Driveway with Integral Curb, Nonreinf Conc, 9 inch	8017011	274.000	Syd
0390	Curb and Gutter, Conc, Det D2	8020031	2,302.000	Ft
0400	Curb Ramp Opening, Conc	8030030	161.000	Ft
0410	Sidewalk Ramp, Conc, 6 inch	8030036	2,920.000	Sft
0420	Sidewalk, Conc, 4 inch	8030044	4,995.000	Sft
0430	Sidewalk, Conc, 6 inch	8030046	1,325.000	Sft
0440	_ Detectable Warning Surface, Modified	8037001	125.000	Ft
0450	_ Post Mailbox, Remove and Reset	8077050	25.000	Ea
0460	Sign, Type III, Erect, Salv	8100402	25.000	Ea
0470	Pavt Mrkg, Polyurea, 4 inch, White	8110091	880.000	Ft
0480	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,913.000	Ft
0490	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	152.000	Ft
0500	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	312.000	Ft
0510	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	109.000	Ft
0520	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0530	Pavt Mrkg, Polyurea, Only	8110410	5.000	Ea
0540	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0550	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0560	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0590	Dust Palliative, Applied	8120100	20.000	Ton
0600	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0640	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0650	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	764.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	764.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	323.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	323.000	Sft

0700	Traf Regulator Control	8120370	1.000	LSUM
0710	_ Pedestrian Type II Barricade, Temp	8127050	25.000	Ea
0720	_ Turf Establishment, Performance	8167011	5,000.000	Syd
0730	Conduit, DB, 1, 1 1/4 inch	8190026	75.000	Ft
0740	Conduit, DB, 1, 3 inch	8190029	5.000	Ft
0750	Conduit, DB, 2, 3 inch	8190032	160.000	Ft
0760	Hh, Adj	8190244	1.000	Ea
0770	Hh, Round	8190260	1.000	Ea
0780	Hh, Square	8190261	4.000	Ea
0790	Light Std Fdn	8190279	2.000	Ea
0800	Light Std Fdn, Rem	8190280	2.000	Ea
0810	Light Std Shaft, Install Salv	8190301	2.000	Ea
0820	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
0830	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0840	Pushbutton and Sign	8200121	4.000	Ea
0850	Pushbutton, Rem	8200122	8.000	Ea
0860	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
0870	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0880	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0890	TS Face, Bag	8200458	8.000	Ea
0900	TS Face, Bag, Rem	8200459	8.000	Ea
0910	_ Pushbutton Support Post, RCO	8207050	4.000	Ea
0920	Monument Box	8210001	1.000	Ea
0930	Monument Box Adjust	8210005	1.000	Ea
0940	Monument Preservation	8210010	1.000	Ea
0950	_ Water Main, DI, 16 inch, Open Cut	8237001	4,299.000	Ft
0960	_ Connection to Existing Water Main	8237050	10.000	Ea
0970	_ Curb Stop and Box, 1 inch	8237050	5.000	Ea
0980	_ Curb Stop and Box, 2 inch	8237050	1.000	Ea
0990	_ Fire Hydrant, AH	8237050	7.000	Ea
1000	_ Gate Valve and Well, 12 inch, AH	8237050	1.000	Ea
1010	_ Gate Valve and Well, 16 inch, AH	8237050	8.000	Ea
1020	_ Gate Valve and Well, 8 inch, AH	8237050	7.000	Ea
1030	_ Gate Well, Rem, AH	8237050	9.000	Ea
1040	_ Hydrant, Rem, AH	8237050	7.000	Ea
1050	_ Water Main, Cut and Plug	8237050	10.000	Ea
1060	_ Water Serv, Type K Copper, 1 inch, Jumper	8237050	29.000	Ea
1070	_ Water Serv, Type K Copper, 1 inch, Long, Bore Method	8237050	1.000	Ea
1080	_ Water Serv, Type K Copper, 1 inch, Short	8237050	10.000	Ea
1090	_ Water Serv, Type K Copper, 2 inch, Jumper	8237050	1.000	Ea
1100	_ Water Serv, Type K Copper, 2 inch, Long, Bore Method	8237050	1.000	Ea
1110	_ Water Serv, Type K Copper, 2 inch, Short	8237050	1.000	Ea

1120	_ Water Main, Abandon with Flowable Fill	8237051	1.000	LSUM
1130	_ Sprinkler Line	8257001	300.000	Ft
1140	_ Irrigation Control Box, Relocate	8257050	1.000	Ea
1150	_ Irrigation Control Box, Replace	8257050	1.000	Ea
1160	_ Sprinkler Head, Relocate	8257050	30.000	Ea
1170	_ Sprinkler Head, Replace	8257050	30.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 045

Letting Date: May 3, 2019

Contract ID: 76555-127774

Description: 1.78 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, concrete curb and gutter, sidewalk ramps, culvert, sewer, drainage, guardrail and pavement markings on Carland Road from M-21 north to south of Wilkinson Road, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127774A	1900599	N/A	STL 76555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Culv, Rem, Less than 24 inch	2030001	23.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	72.000	Ft
0060	Guardrail, Rem	2040035	208.000	Ft
0070	Sidewalk, Rem	2040055	12.000	Syd
0080	_ Guardrail, Rem, Modified	2047001	25.000	Ft
0090	_ Pavg, Rem, Modified	2047011	254.000	Syd
0100	Ditch Cleanout	2050006	14.000	Sta
0110	Embankment, CIP	2050010	1,116.000	Cyd
0120	Excavation, Earth	2050016	800.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0140	Erosion Control, Silt Fence	2080036	19,202.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	_ Aggregate Base, Modified	3027031	8,836.000	Ton
0170	HMA Base Crushing and Shaping	3050002	25,860.000	Syd
0180	Trenching	3070200	95.000	Sta
0190	_ Approach, CI II, Modified	3077031	379.000	Ton
0200	_ Shoulder, CI II, Modified	3077031	989.000	Ton
0210	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	34.000	Ea
0220	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0230	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	12.000	Ea
0240	_ Culv, CI A, 18 inch, Modified	4017001	53.000	Ft
0250	_ Culv, CI A, 24 inch, Modified	4017001	360.000	Ft
0260	_ Culv, CI F, 15 inch, Modified	4017001	792.000	Ft
0270	_ Sewer, CI A, 18 inch, Tr Det B, Modified	4027001	56.000	Ft

0280	Dr Structure Cover, Type G	4030040	2.000	Ea
0290	Dr Structure, 48 inch dia	4030210	2.000	Ea
0300	Pavt for Butt Joints, Rem	5010008	38.000	Syd
0310	HMA Approach	5010061	236.000	Ton
0320	HMA, LVSP	5010703	6,500.000	Ton
0330	_ HMA Surface, Rem, Modified	5017011	110.000	Syd
0340	Membrane, Preformed Waterproofing	7100008	987.000	Sft
0350	_ Bridge Railing, Thrie Beam Retrofit, Modified	7117001	25.000	Ft
0360	Driveway, Nonreinf Conc, 6 inch	8010005	57.000	Syd
0370	Curb and Gutter, Conc, Det B2	8020016	388.000	Ft
0380	Shoulder Gutter, Conc, Det 2	8020056	9.000	Ea
0390	Spillway, Conc	8020075	27.000	Ft
0400	Detectable Warning Surface	8030010	20.000	Ft
0410	Sidewalk Ramp, Conc, 6 inch	8030036	402.000	Sft
0420	Guardrail, Type B	8070000	25.000	Ft
0430	Guardrail Anch, Bridge, Det A2	8070021	2.000	Ea
0440	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0450	Guardrail Reflector	8070080	24.000	Ea
0460	Post, Mailbox	8070095	11.000	Ea
0470	_ Guardrail Long Span, Det B-25	8077050	1.000	Ea
0480	Post, Steel, 3 lb	8100371	570.000	Ft
0490	Sign, Type III, Rem	8100403	33.000	Ea
0500	Sign, Type IIIA	8100404	27.000	Sft
0510	Sign, Type IIIB	8100405	157.000	Sft
0520	Sign, Type VB	8100425	30.000	Sft
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,000.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,200.000	Ft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	619.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	619.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	63.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	63.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Riprap, Plain	8130010	38.000	Syd
0670	_ Turf Establishment, Performance-No Rye, Special	8167011	38,971.000	Syd
0680	Monument Box	8210001	2.000	Ea
0690	Monument Preservation	8210010	3.000	Ea
0700	_ Dust Palliative, Applied, Modified	8507022	6,000.000	Gal



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Schedule of Pay Items

Report v1

Letting Call: 190503 046**Letting Date:** May 3, 2019**Contract ID:** 13000-130187

Description: 9.45 mi of chip seal and fog seal with spot concrete sidewalk and ADA ramp upgrades on Elm Street from Cliff Street northward to Michigan Avenue and on Glenn Cross Road from Capital Avenue eastward to M-66, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130187A	1900624	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,049.000	Ft
0030	Sidewalk, Rem	2040055	1,000.000	Syd
0040	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0050	Hand Patching	5010025	5.000	Ton
0060	Overband Crack Fill, Lane	5020003	27.480	Lnmi
0070	_ Fog Seal	5057011	229,324.000	Syd
0080	_ Seal, Single Chip Type, CM16	5057011	229,324.000	Syd
0090	Conc Base Cse, Nonreinf, 6 inch	6020015	107.000	Syd
0100	Curb and Gutter, Conc, Det F4	8020038	654.000	Ft
0110	Detectable Warning Surface	8030010	268.000	Ft
0120	Curb Ramp Opening, Conc	8030030	396.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	8,983.000	Sft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	35,697.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	77,365.000	Ft
0160	_ Pavt Mrkg, Waterborne, 12 inch Crosswalk	8117001	612.000	Ft
0170	_ Pavt Mrkg, Waterborne, 24 inch Stop Bar	8117001	774.000	Ft
0180	_ Pavt Mrkg, Waterborne, 6 inch Crosswalk	8117001	1,990.000	Ft
0190	_ Pavt Mrkg, Waterborne, Bike, Small Symbol	8117050	34.000	Ea
0200	_ Pavt Mrkg, Waterborne, Direction Arrow Sym, Bike	8117050	34.000	Ea
0210	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	45.000	Ea
0220	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	2.000	Ea
0230	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	7.000	Ea
0240	_ Pavt Mrkg, Waterborne, Turn Arrow Sym	8117050	2.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Vehicle Towing, Special	8127050	10.000	Ea
0340	_ Railroad Protection, at Grade Crossing	8127060	2,400.000	Dlr
0350	_ Turf Establishment, Special, Hydroseed	8167011	440.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 047

Letting Date: May 3, 2019

Contract ID: 09000-202498

Description: 7.00 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Wheeler Road from Eight Mile Road east to Rockwell Road, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202498A	1900381	N/A	STL 09000
203043A	1900524	N/A	STL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$87,900.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	50.000	Syd
0030	Approach, CI I	3070001	15.000	Ton
0040	Shoulder, CI II	3070121	2,600.000	Ton
0050	HMA, LVSP	5010703	8,320.000	Ton
0060	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	108,500.000	Syd
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,300.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	74,000.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,300.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	74,000.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0130	Channelizing Device, 42 inch, Furn	8120030	350.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	350.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,955.000	Ft
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,970.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0220	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0230	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,320.000	Sft

0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,320.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190503 048**Letting Date:** May 3, 2019**Contract ID:** 69000-202276

Description: 2.15 mi of hot mix asphalt base crushing, shaping and resurfacing, earth excavation, embankment, shoulder aggregate and pavement markings on Hetherton Road east of M-32, Otsego County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202276A	1900576	N/A	STL 69000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$86,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.210	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	24.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0060	Fence, Rem	2040025	66.000	Ft
0070	Ditch Cleanout	2050006	4.000	Sta
0080	Embankment, CIP	2050010	10,300.000	Cyd
0090	Embankment, LM	2050011	250.000	Cyd
0100	Excavation, Earth	2050016	7,200.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0120	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0130	Aggregate Base	3020001	8,528.000	Ton
0140	HMA Base Crushing and Shaping	3050002	38,113.000	Syd
0150	Approach, CI II, 3 inch	3070025	1,549.000	Syd
0160	Shoulder, CI II, 3 inch	3070125	4,689.000	Syd
0170	Trenching	3070200	226.000	Sta
0180	Geotextile, Stabilization	3080010	500.000	Syd
0190	Culv End Sect, 15 inch	4010015	4.000	Ea
0200	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Culv End Sect, 24 inch	4010024	2.000	Ea
0220	Culv, CI A, 18 inch	4010133	62.000	Ft
0230	Culv, CI E, 15 inch	4010540	118.000	Ft
0240	Culv, CI E, 24 inch	4010542	56.000	Ft
0250	Culv, CI F, 12 inch	4010607	436.000	Ft
0260	HMA Surface, Rem	5010005	72.000	Syd
0270	HMA, 4E1	5010050	3,115.000	Ton

0280	HMA, 5E1	5010056	3,115.000	Ton
0290	HMA Approach	5010061	371.000	Ton
0300	Curb and Gutter, Conc, Det D2	8020031	114.000	Ft
0310	Sidewalk, Conc, 4 inch	8030044	1,200.000	Sft
0320	Sidewalk, Conc, 6 inch	8030046	450.000	Sft
0330	Post, Mailbox	8070095	28.000	Ea
0340	Post, Steel, 3 lb	8100371	256.000	Ft
0350	Sign, Type III, Rem	8100403	10.000	Ea
0360	Sign, Type IIIA	8100404	125.000	Sft
0370	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,600.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,600.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	22,600.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,600.000	Ft
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	950.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	950.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	568.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	568.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	105.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	105.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Mulch Blanket, High Velocity	8160028	7,300.000	Syd
0530	_ Slope Restoration, Special	8167011	49,100.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 049

Letting Date: May 3, 2019

Contract ID: 24000-130366

Description: 1.31 mi of hot mix asphalt base crushing, shaping and resurfacing, drainage and pavement markings on East Wilderness Park Drive from south of Ester Lane to West Central Avenue, Emmet County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130366A	1900609	N/A	STL 24000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,200.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0030	Embankment, CIP	2050010	1,232.000	Cyd
0040	Excavation, Earth	2050016	2,063.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0070	Aggregate Base	3020001	1,164.000	Ton
0080	_ HMA Base Crushing and Shaping, Modified	3057011	23,758.000	Syd
0090	Approach, CI II	3070021	66.000	Ton
0100	_ Shoulder, CL II, Modified	3077031	544.000	Ton
0110	Culv End Sect, 12 inch	4010012	2.000	Ea
0120	Culv End Sect, 18 inch	4010018	2.000	Ea
0130	Culv, CI E, 12 inch	4010539	87.000	Ft
0140	Culv, CI F, 12 inch	4010607	150.000	Ft
0150	Culv, CI F, 18 inch	4010609	57.000	Ft
0160	HMA Surface, Rem	5010005	52.000	Syd
0170	HMA, 4E1	5010050	2,182.000	Ton
0180	HMA, 5E1	5010056	2,196.000	Ton
0190	Curb and Gutter, Conc, Det B2	8020016	468.000	Ft
0200	Shoulder Gutter, Conc, Det 3	8020057	3.000	Ea
0210	Spillway, Conc	8020075	20.000	Ft
0220	Post, Mailbox	8070095	2.000	Ea
0230	Post, Steel, 3 lb	8100371	484.000	Ft
0240	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0250	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0260	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0270	Sign, Type III, Rem	8100403	11.000	Ea

0280	Sign, Type IIIA	8100404	58.000	Sft
0290	Sign, Type IIIB	8100405	63.000	Sft
0300	Sign, Type V, Rem	8100421	2.000	Ea
0310	Sign, Type VB	8100425	24.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	48.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,199.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,523.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,199.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,843.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	400.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	400.000	Ea
0410	Dust Palliative, Applied	8120100	25.000	Ton
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,000.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Riprap, Plain	8130010	5.000	Syd
0510	_ Turf Establishment, Performance	8167011	5,903.000	Syd
0520	Monument Box	8210001	3.000	Ea
0530	Monument Box Adjust	8210005	3.000	Ea
0540	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 050**Letting Date:** May 3, 2019**Contract ID:** 68000-202334

Description: 3.21 mi of hot mix asphalt base crushing, shaping, and resurfacing, permanent 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 \$46,600.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	42.000	Syd
0030	Embankment, CIP	2050010	500.000	Cyd
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0050	_ Aggregate Base, Modified	3027031	3,400.000	Ton
0060	HMA Base Crushing and Shaping	3050002	42,800.000	Syd
0070	Approach, CI II	3070021	189.000	Ton
0080	_ Approach, CI I, Modified	3077031	139.000	Ton
0090	_ Shoulder, CI II, Modified	3077031	2,600.000	Ton
0100	HMA Approach	5010061	146.000	Ton
0110	HMA, LVSP	5010703	4,600.000	Ton
0120	Fdn, Wood Support, Rem	8100280	6.000	Ea
0130	Post, Steel, 3 lb	8100371	772.000	Ft
0140	Sign, Type IIB	8100399	24.000	Sft
0150	Sign, Type IIIA	8100404	124.000	Sft
0160	Sign, Type IIIB	8100405	159.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0180	_ Sign, Type II, Rem, Modified	8107050	3.000	Ea
0190	_ Sign, Type III, Rem, Modified	8107050	42.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	34,235.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,715.000	Ft
0220	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,300.000	Ft

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	496.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	496.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Slope Restoration	8167002	5.000	Sta
0320	Monument Box	8210001	7.000	Ea
0330	Monument Preservation	8210010	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190503 051**Letting Date:** May 3, 2019**Contract ID:** 03000-132699**Description:** 0.51 mi of hot mix asphalt reconstruction, sewer, and drainage on River Street from Babylon Road to 118th Avenue in the city of Allegan, Allegan County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132699A	1900634	N/A	STUL 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	5.000	Ea
0030	Pavt, Rem	2040050	581.000	Syd
0040	Embankment, CIP	2050010	28.000	Cyd
0050	Excavation, Earth	2050016	603.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0070	Erosion Control, Silt Fence	2080036	550.000	Ft
0080	Aggregate Base, LM	3020002	410.000	Cyd
0090	HMA Base Crushing and Shaping	3050002	7,050.000	Syd
0100	Maintenance Gravel, LM	3060021	1,000.000	Cyd
0110	Trenching	3070200	47.000	Sta
0120	Sewer, CI IV, 12 inch, Tr Det B	4020987	107.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0140	Dr Structure Cover, Type B	4030010	6.000	Ea
0150	Dr Structure Cover, Type C	4030015	11.000	Ea
0160	Dr Structure Cover, Type K	4030050	1.000	Ea
0170	Dr Structure Cover, Type Q	4030065	8.000	Ea
0180	Dr Structure, 48 inch dia	4030210	12.000	Ea
0190	Dr Structure, Tap, 12 inch	4030312	6.000	Ea
0200	HMA Surface, Rem	5010005	360.000	Syd
0210	HMA Approach	5010061	113.000	Ton
0220	_ HMA, 13A, Modified	5017031	2,625.000	Ton
0230	Curb Sloped, HMA	8050010	4,550.000	Ft
0240	_ Mailbox Support, Temp	8077050	1.000	Ea
0250	_ Mailbox, Rem	8077050	24.000	Ea
0260	_ Mailbox, Salv	8077050	24.000	Ea
0270	_ Mailbox, Temp	8077050	24.000	Ea
0280	Post, Steel, 3 lb	8100371	234.000	Ft

0290	Sign, Type III, Rem	8100403	6.000	Ea
0300	Sign, Type IIIA	8100404	5.000	Sft
0310	Sign, Type IIIB	8100405	62.000	Sft
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,555.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,440.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	14.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	14.000	Ea
0360	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0370	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0380	Dust Palliative, Applied	8120100	10.000	Ton
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	488.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	488.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Slope Restoration, Type B, Modified	8167011	3,000.000	Syd
0440	_ Segmental Retaining Wall, Split Face	8507011	114.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190503 052**Letting Date:** May 3, 2019**Contract ID:** 77000-205289

Description: 11.53 mi of single chip seal, fog seal and pavement markings on County Line Road from I-94 north to Gratiot Avenue, on Meisner Road from County Line Road east to I-94 and on Lapeer Road (Brandon Road) from east of Wales Center Road to west of Abbotsford Road, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205289A	1900548	N/A	STL 77000
205291A	1900547	N/A	STL 77000
205292A	1900545	N/A	STL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,000.00	1500001	1.000	LSUM
0020	Seal, Single Chip	5050001	182,481.000	Syd
0030	_ Seal, Fog	5057011	183,749.000	Syd
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	32.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	620.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,840.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	121,130.000	Ft
0080	Rem Spec Mrkg	8110343	218.000	Sft
0090	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,221.000	Ea
0140	Sign Cover	8120310	15.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,554.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,554.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190503 053**Letting Date:** May 3, 2019**Contract ID:** 37000-203335**Description:** Bridge scour repair, riprap and guardrail on West Broadway Street over the Chippewa River in the city of Mt. Pleasant, Isabella County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203335A	1900512	N/A	ER 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,900.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017012	0.200	Acre
0030	Guardrail, Rem	2040035	200.000	Ft
0040	Guardrail, Type B	8070000	13.000	Ft
0050	Guardrail, Curved, Type B	8070010	38.000	Ft
0060	Guardrail, Curved, Type T	8070011	50.000	Ft
0070	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0080	Guardrail Approach Terminal, Type 2T	8070043	1.000	Ea
0090	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0100	Guardrail Reflector	8070080	30.000	Ea
0110	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	3.000	Ea
0120	_ Guardrail Anch, Bridge, Det T4, Modified	8077050	1.000	Ea
0130	_ Hand Digging Guardrail Post	8077050	19.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0150	Channelizing Device, 42 inch, Furn	8120030	8.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	8.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Plastic Drum, High Intensity, Furn	8120250	35.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	35.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	_ Turf Establishment, Performance-No Rye, Special	8167011	393.000	Syd
Section: 2				
0260	_ Debris, Rem	2047051	1.000	LSUM

0270	Embankment, CIP	2050010	117.000	Cyd
0280	Excavation, Earth	2050016	144.000	Cyd
0290	Erosion Control, Turbidity Curtain, Deep	2080042	860.000	Ft
0300	Erosion Control, Turbidity Curtain, Shallow	2080044	860.000	Ft
0310	_ Riprap, Heavy, Modified	8137011	677.000	Syd
0320	_ Riprap, Under Structures, Heavy, Modified	8137011	243.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 054

Letting Date: May 3, 2019

Contract ID: 33000-129899

Description: 2.00 mi of hot mix asphalt cold milling and resurfacing, conversion from 4 to 3 lanes including adding auxiliary turn lane, concrete curb, gutter and sidewalk ramps, shared use path, signing and pavement markings on Lake Lansing Road from Hagadorn Road to Saginaw Street (I-69BL) in the city of East Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129899A	1801190	N/A	STU 33000
201837A	1900496	N/A	TAU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$145,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0050	Dr Structure, Abandon	2030010	1.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	420.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	20.000	Ft
0090	Curb and Gutter, Rem	2040020	1,899.000	Ft
0100	Pavt, Rem	2040050	100.000	Syd
0110	Sidewalk, Rem	2040055	540.000	Syd
0120	Exploratory Investigation, Vertical	2040080	40.000	Ft
0130	_ Exploratory Trenching	2047001	150.000	Ft
0140	Excavation, Earth	2050016	880.000	Cyd
0150	Machine Grading	2050030	13.200	Sta
0160	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0170	_ Erosion Control, Inlet Protection, Fabric Bag	2087050	55.000	Ea
0180	Subbase, CIP	3010002	850.000	Cyd
0190	Aggregate Base, Conditioning	3020050	14,500.000	Syd
0200	_ Aggregate Base, Recycled, 9 inch	3027011	2,720.000	Syd
0210	_ Geogrid, Biaxial, HP	3027011	2,000.000	Syd
0220	HMA Base Crushing and Shaping	3050002	420.000	Syd
0230	Maintenance Gravel, LM	3060021	150.000	Cyd
0240	Approach, CI III, 4 inch	3070046	150.000	Syd
0250	Shoulder, CI III, 5 inch	3070147	900.000	Syd
0260	Culv End Sect, 12 inch	4010012	1.000	Ea

0270	Culv End Sect, 15 inch	4010015	1.000	Ea
0280	Culv, CI A, CSP, 18 inch	4010201	66.000	Ft
0290	Culv, Reinf Conc Ellip, HE CI IV, 34 inch by 53 inch	4010906	88.000	Ft
0300	Sewer, CI A, 24 inch, Tr Det A	4020007	16.000	Ft
0310	Sewer, CI A, 12 inch, Tr Det B	4020033	177.000	Ft
0320	Sewer, CI A, 15 inch, Tr Det B	4020034	80.000	Ft
0330	Sewer, CI A, 18 inch, Tr Det B	4020035	138.000	Ft
0340	Sewer, CI E, 12 inch, Tr Det B	4020600	118.000	Ft
0350	Sewer, CI E, 30 inch, Tr Det B	4020604	50.000	Ft
0360	Sewer Tap, 12 inch	4021204	2.000	Ea
0370	Sewer Tap, 24 inch	4021207	1.000	Ea
0380	Sewer Tap, 30 inch	4021208	1.000	Ea
0390	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0400	Dr Structure Cover, Adj, Case 1	4030005	37.000	Ea
0410	Dr Structure Cover, Type B	4030010	4.000	Ea
0420	Dr Structure Cover, Type D	4030025	1.000	Ea
0430	Dr Structure Cover, Type G	4030040	1.000	Ea
0440	Dr Structure Cover, Type K	4030050	3.000	Ea
0450	Dr Structure, 24 inch dia	4030200	1.000	Ea
0460	Dr Structure, 48 inch dia	4030210	3.000	Ea
0470	Dr Structure, 60 inch dia	4030220	2.000	Ea
0480	Dr Structure, 72 inch dia	4030230	1.000	Ea
0490	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0500	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0510	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0520	Dr Structure, Temp Lowering	4030390	30.000	Ea
0530	Underdrain, Subbase, 4 inch	4040061	700.000	Ft
0540	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0550	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0560	Cold Milling HMA Surface	5010002	50,400.000	Syd
0570	HMA Surface, Rem	5010005	260.000	Syd
0580	Pavt for Butt Joints, Rem	5010008	275.000	Syd
0590	Hand Patching	5010025	146.000	Ton
0600	HMA, 3E1	5010044	5,800.000	Ton
0610	HMA, 4E03	5010049	2,800.000	Ton
0620	HMA Approach	5010061	150.000	Ton
0630	HMA, LVSP	5010703	2,700.000	Ton
0640	_ HMA Surface, Rem, Special	5017011	1,700.000	Syd
0650	Curb and Gutter, Conc, Det C4	8020023	2,093.000	Ft
0660	Curb and Gutter, Conc, Det F4	8020038	296.000	Ft
0670	Driveway Opening, Conc, Det M	8020050	215.000	Ft
0680	_ Detectable Warning Surface, Cast Iron	8037010	366.000	Sft
0690	_ Sidewalk Ramp, ADA Modified	8037010	1,600.000	Sft
0700	_ Sidewalk Ramp, ADA, Modified	8037010	500.000	Sft
0710	_ Sidewalk, Conc, Special, 4 inch	8037010	2,990.000	Sft

0720	Post, Mailbox	8070095	10.000	Ea
0730	Mast Arm, Rem	8100560	2.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	340.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	170.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	450.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	270.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	13.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	13.000	Ea
0810	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0820	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0830	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0860	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	5.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	4.000	Ea
0880	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,550.000	Ft
0890	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,200.000	Ft
0900	Rem Spec Mrkg	8110343	100.000	Sft
0910	Recessing Pavt Mrkg, Longit	8110450	340.000	Ft
0920	Recessing Pavt Mrkg, Transv	8110451	363.000	Sft
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	38.000	Ea
0940	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	38.000	Ea
0950	Pedestrian Type II Barricade, Temp	8120026	36.000	Ea
0960	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0970	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0980	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0990	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1000	Minor Traf Devices	8120170	1.000	LSUM
1010	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,000.000	Ft
1020	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
1030	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
1040	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1050	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	1,772.000	Sft
1070	Sign, Type B, Temp, Prismatic, Oper	8120351	1,772.000	Sft
1080	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	52.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	52.000	Sft
1100	Traf Regulator Control	8120370	1.000	LSUM
1110	_ Pedestrian Ramp, Temp	8127050	10.000	Ea
1120	Riprap, Plain	8130010	80.000	Syd
1130	Ditch, Plain Cobble	8140005	30.000	Syd

1140	_ Slope Restoration, Type II-ES	8167011	1,500.000	Syd
1150	Conduit, DB, 1, 1/2 inch	8190025	200.000	Ft
1160	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1170	Conduit, DB, 3, 3 inch	8190035	100.000	Ft
1180	Elec Serv, Rem	8190225	2.000	Ea
1190	Hh, Polymer Conc	8190250	12.000	Ea
1200	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
1210	Wood Pole, Rem	8190505	2.000	Ea
1220	Case Sign, Rem	8200020	2.000	Ea
1230	Controller and Cabinet, Rem	8200030	2.000	Ea
1240	Controller Fdn, Base Mount	8200045	2.000	Ea
1250	Controller Fdn, Rem	8200046	1.000	Ea
1260	Pedestal, Alum	8200100	1.000	Ea
1270	Pedestal, Fdn	8200105	9.000	Ea
1280	Pedestal Fdn, Rem	8200106	1.000	Ea
1290	Pedestal, Rem	8200110	1.000	Ea
1300	Pushbutton Pedestal, Alum	8200123	8.000	Ea
1310	Push Button Station and Sign	8200128	12.000	Ea
1320	Push Button Station, Rem	8200129	8.000	Ea
1330	Serv Disconnect	8200135	3.000	Ea
1340	Span Wire	8200140	8.000	Ea
1350	Span Wire, Rem	8200141	11.000	Ea
1360	Steel Pole, Rem	8200145	2.000	Ea
1370	TS, Mast Arm Mtd, Rem	8200177	2.000	Ea
1380	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
1390	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
1400	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
1410	TS, One Way Span Wire Mtd, FYA (LED)	8200314	8.000	Ea
1420	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1430	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
1440	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1450	Strain Pole, Steel, 6 bolt, 30 foot	8200460	8.000	Ea
1460	Strain Pole Fdn, 6 Bolt	8200470	110.000	Ft
1470	Casing	8200480	70.000	Ft
1480	_ Optical Detector, Two Way, Two Channel	8207050	4.000	Ea
1490	_ Tremie Pour	8207050	4.000	Ea
1500	Monument Box	8210001	3.000	Ea
1510	Monument Preservation	8210010	3.000	Ea
1520	_ Hatch, Water Vault, Adj, Case 1	8237050	1.000	Ea
1530	_ Utility Valve Box, Adj, Case 1	8237050	6.000	Ea
1540	_ Sewer, Sanitary, CI A, 10 inch	8257001	20.000	Ft
1550	_ Sewer, Sanitary, CI A, 8 inch	8257001	80.000	Ft
1560	_ Sanitary Structure Cover, Adj, Case 1	8257050	7.000	Ea

1570	_ Sewer, Sanitary Connection, 10 inch	8257050	2.000	Ea
1580	_ Sewer, Sanitary Connection, 8 inch	8257050	2.000	Ea
1590	_ Sewer, Bypass Pumping, 10 inch	8257051	1.000	LSUM
1600	_ Sewer, Bypass Pumping, 8 inch	8257051	1.000	LSUM
1610	Flowable Fill, Non-Structural	8260148	15.000	Cyd
1620	_ Sanitary Structure, Chimney Seal, External	8507010	105.000	Sft
1630	_ Sewer, Stone Bedding	8507021	50.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 190503 055

Letting Date: May 3, 2019

Contract ID: 31000-206336

Description: 0.45 mi of hot mix asphalt surfacing, aggregate base and shoulder, storm sewer and pavement markings on Ethel Avenue from Lincoln Drive (US-41) to Ingot Street and on Tezcucu Street from Wright Street to White Street, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206336A	1900579	N/A	ER 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,600.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Curb and Gutter, Rem	2040020	28.000	Ft
0040	Excavation, Earth	2050016	86.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Erosion Control, Maintenance, Sediment Removal	2080026	6.000	Cyd
0070	Subbase, CIP	3010002	8.000	Cyd
0080	Aggregate Base, 8 inch	3020020	300.000	Syd
0090	Shoulder, CI II, 3 inch	3070125	178.000	Syd
0100	Sewer, CI A, 8 inch, Tr Det A	4020002	10.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0120	Dr Structure Cover, Type K	4030050	2.000	Ea
0130	Dr Structure, 24 inch dia	4030200	1.000	Ea
0140	Dr Structure, 48 inch dia	4030210	1.000	Ea
0150	HMA Surface, Rem	5010005	300.000	Syd
0160	HMA, LVSP	5010703	55.000	Ton
0170	Curb and Gutter, Conc, Det F1	8020035	28.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	50.000	Ft
0190	Barricade, Type III, High Intensity, Lighted, Furn	8120022	42.000	Ea
0200	Barricade, Type III, High Intensity, Lighted, Oper	8120023	42.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, High Intensity, Furn	8120250	290.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	290.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,192.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,192.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft

0280	Slope Restoration, Type A	8160100	385.000	Syd
0290	Gate Box, Adj, Case 1	8230431	1.000	Ea
0300	Contractor Staking, Road Only	8240007	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0340	_ Sanitary Structure Cover, Adj, Case 1	8257050	1.000	Ea
0350	_ Sanitary Structure Cover, Adj, Case 2	8257050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 056

Letting Date: May 3, 2019

Contract ID: 63000-203679

Description: 1.25 mi of pavement rehabilitation including pavement removal, hot mix asphalt surfacing, concrete curb, gutter and ADA sidewalk upgrades, traffic signal modernization, guardrail upgrade and retaining wall repairs on Livernois Road from Walton Boulevard to Avon Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203679A	1900598	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$512,900.00	1500001	1.000	LSUM
0020	_ Tree Rem, 3 inch to 18 inch	2027050	9.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Curb and Gutter, Rem	2040020	998.000	Ft
0050	Guardrail, Rem	2040035	902.000	Ft
0060	Sidewalk, Rem	2040055	261.000	Syd
0070	_ Pavt, Rem, Modified	2047011	54,556.000	Syd
0080	Embankment, CIP	2050010	9,374.000	Cyd
0090	Excavation, Earth	2050016	9,374.000	Cyd
0100	_ Excavation, Earth, RCOC	2057011	7,547.000	Syd
0110	_ Erosion Control, Silt Fence, RCOC	2087001	4,263.000	Ft
0120	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	105.000	Ea
0130	_ Aggregate Base, 3 inch, 21AA, RCOC	3027011	1,280.000	Syd
0140	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	56,454.000	Syd
0150	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	2,555.000	Syd
0160	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	1,334.000	Syd
0170	_ Aggregate Base, 21AA, RCOC	3027031	15.000	Ton
0180	Maintenance Gravel	3060020	1,443.000	Ton
0190	_ Geotextile Fabric, Type NW8	3087011	500.000	Syd
0200	Sewer, CI IV, 12 inch, Tr Det B	4020987	108.000	Ft
0210	Sewer Tap, 12 inch	4021204	2.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	108.000	Ft
0230	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0240	Dr Structure Cover, Type B	4030010	16.000	Ea
0250	Dr Structure Cover, Type J	4030045	45.000	Ea
0260	Dr Structure Cover, Type K	4030050	53.000	Ea
0270	Dr Structure Cover, Type R	4030070	5.000	Ea

0280	Dr Structure, 24 inch dia	4030200	3.000	Ea
0290	Dr Structure, 48 inch dia	4030210	2.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0310	Dr Structure, Cleaning	4030290	126.000	Ea
0320	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0340	_ Public Utility Structure, Adj, Add Depth	4037001	15.000	Ft
0350	_ Dr Structure Cover Adj, Case 1, RCOC	4037050	115.000	Ea
0360	_ Public Utility Structure Cover	4037050	44.000	Ea
0370	_ Public Utility Structure Cover, Adj, Case 1, RCOC	4037050	41.000	Ea
0380	_ Public Utility Structure Cover, Adj, Case 2	4037050	3.000	Ea
0390	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	567.000	Ft
0400	Cold Milling HMA Surface	5010002	3,264.000	Syd
0410	HMA Surface, Rem	5010005	2,973.000	Syd
0420	Hand Patching	5010025	50.000	Ton
0430	HMA, 3E3	5010045	8,069.000	Ton
0440	HMA, 4E3	5010051	5,658.000	Ton
0450	HMA, 5E3	5010057	5,744.000	Ton
0460	_ HMA Approach (Commercial)	5017031	180.000	Ton
0470	_ HMA Approach (Residential)	5017031	31.000	Ton
0480	_ Pavg, Cleaning, RCOC	5017051	1.000	LSUM
0490	Conc Pavt, Misc, Nonreinf, 7 inch	6020052	1,280.000	Syd
0500	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	2,463.000	Syd
0510	Joint, Expansion, Erg	6030021	135.000	Ft
0520	_ Modular Concrete Block Retaining Wall Repairs, RCOC	7067010	500.000	Sft
0530	Driveway, Nonreinf Conc, 6 inch	8010005	92.000	Syd
0540	Curb and Gutter, Conc, Det B2	8020016	10,520.000	Ft
0550	Curb and Gutter, Conc, Det F4	8020038	12,503.000	Ft
0560	_ Driveway Opening, Conc, Det M, RCOC	8027001	2,008.000	Ft
0570	Detectable Warning Surface	8030010	379.000	Ft
0580	Curb Ramp Opening, Conc	8030030	715.000	Ft
0590	Sidewalk Ramp, Conc, 6 inch	8030036	15,392.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	1,699.000	Sft
0610	Guardrail, Type MGS-8	8070004	1,050.000	Ft
0620	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0630	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0640	Guardrail Reflector	8070080	56.000	Ea
0650	Post, Mailbox	8070095	9.000	Ea
0660	_ Guardrail, Wood Back	8077001	1,050.000	Ft
0670	Band, Sign	8100010	10.000	Ea
0680	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0690	Post, Steel, 3 lb	8100371	5,375.000	Ft
0700	Post, Wood, 4 inch by 6 inch	8100380	568.000	Ft
0710	Sign, Type II, Rem	8100397	7.000	Ea

0720	Sign, Type IIA	8100398	269.000	Sft
0730	Sign, Type IIB	8100399	28.000	Sft
0740	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0750	Sign, Type III, Rem	8100403	256.000	Ea
0760	Sign, Type IIIA	8100404	1,052.000	Sft
0770	Sign, Type IIIB	8100405	950.000	Sft
0780	Sign, Type VB	8100425	159.000	Sft
0790	_ Post Hole Through Conc. For Steel Post- 6 Inch Diameter	8107050	32.000	Ea
0800	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,000.000	Ft
0810	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,500.000	Ft
0820	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	100.000	Ft
0830	Recessing Pavt Mrkg, Turning Guide Line	8110452	35.000	Sft
0840	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	560.000	Ft
0850	_ Pavt Mrkg, Cold Plastic, 6 inch	8117001	55.000	Ft
0860	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	1,125.000	Ft
0870	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	17.000	Ea
0880	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	14.000	Ea
0890	_ Pavt Mrkg, Cold Plastic, School	8117050	4.000	Ea
0900	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	91.000	Ea
0910	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	91.000	Ea
0920	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0930	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0940	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0950	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0970	Minor Traf Devices	8120170	1.000	LSUM
0980	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	503.000	Ft
0990	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	195.000	Ft
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,896.000	Ft
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	616.000	Ft
1020	Plastic Drum, High Intensity, Furn	8120250	1,207.000	Ea
1030	Plastic Drum, High Intensity, Oper	8120251	1,207.000	Ea
1040	Sign Cover	8120310	35.000	Ea
1050	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1060	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1070	Sign, Type B, Temp, Prismatic, Furn	8120350	3,742.000	Sft
1080	Sign, Type B, Temp, Prismatic, Oper	8120351	3,742.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	790.000	Sft
1100	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	790.000	Sft
1110	Traf Regulator Control	8120370	1.000	LSUM
1120	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar, Temp	8127001	74.000	Ft

1130	_ Pavt Mrkg, Type R, Left-Turn Arrow Symbol, Temp	8127050	9.000	Ea
1140	_ Pavt Mrkg, Type R, Right-Turn Arrow Symbol, Temp	8127050	2.000	Ea
1150	_ Pavt Mrkg, Type R, Thru and Rt Turn Arrow Symbol, Temp	8127050	6.000	Ea
1160	_ Pavt Mrkg, Type R, Thru Arrow Symbol, Temp	8127050	4.000	Ea
1170	_ Turf Establishment, THM, Seed, Special Mulch, Performance, RCOC	8167011	12,419.000	Syd
1180	Cable Pole, Sec, Disman	8190006	1.000	Ea
1190	Cable Pole, TS, Disman	8190010	2.000	Ea
1200	Conduit, DB, 1, 1 1/4 inch	8190026	150.000	Ft
1210	Conduit, DB, 1, 1 1/2 inch	8190027	20.000	Ft
1220	Conduit, DB, 1, 3 inch	8190029	215.000	Ft
1230	Conduit, DB, 1, 4 inch	8190030	1,250.000	Ft
1240	Conduit, DB, 2, 3 inch	8190032	140.000	Ft
1250	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
1260	Conduit, DB, 3, 4 inch	8190036	5.000	Ft
1270	Hh, Adj	8190244	9.000	Ea
1280	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1290	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1300	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	100.000	Ft
1310	_ Hh, Square, RCOC	8197050	1.000	Ea
1320	Case Sign Panel	8200003	7.000	Ea
1330	Case Sign Panel, Rem	8200004	7.000	Ea
1340	Case Sign, Rem	8200020	4.000	Ea
1350	Controller and Cabinet, Rem	8200030	1.000	Ea
1360	Controller Fdn, Base Mount	8200045	1.000	Ea
1370	Controller Fdn, Rem	8200046	1.000	Ea
1380	Digital Loop Detector	8200055	1.000	Ea
1390	Fdn, Rem	8200065	3.000	Ea
1400	Pedestal, Fdn	8200105	5.000	Ea
1410	Pedestal Fdn, Rem	8200106	3.000	Ea
1420	Pedestal, Rem	8200110	3.000	Ea
1430	Pushbutton and Sign	8200121	10.000	Ea
1440	Pushbutton, Rem	8200122	10.000	Ea
1450	Serv Disconnect	8200135	1.000	Ea
1460	Serv Disconnect, Rem	8200136	1.000	Ea
1470	Span Wire, Rem	8200141	1.000	Ea
1480	Steel Pole, Rem	8200145	3.000	Ea
1490	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1500	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1510	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1520	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1530	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
1540	TS, One Way Span Wire Mtd (LED)	8200313	13.000	Ea
1550	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea

1560	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
1570	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
1580	TS, Pedestrian, One Way Pedestal Mtd (LED)	8200344	3.000	Ea
1590	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
1600	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1610	Bracket, Truss, Rem	8200388	5.000	Ea
1620	TS Head, Adj	8200452	14.000	Ea
1630	TS Head, Temp	8200453	10.000	Ea
1640	TS Face, Bag	8200458	60.000	Ea
1650	TS Face, Bag, Rem	8200459	44.000	Ea
1660	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
1670	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1680	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
1690	Strain Pole Fdn, 6 Bolt	8200470	50.000	Ft
1700	Casing	8200480	39.000	Ft
1710	Backplate, TS	8200501	12.000	Ea
1720	_ Autoscope Camera, Rem, RCOC	8207050	5.000	Ea
1730	_ Case Sign, One Way, 12 inch by 27 inch, Non-Illuminated, RCOC	8207050	6.000	Ea
1740	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	4.000	Ea
1750	_ Controller and Cabinet, ITS Type, Delivered, RCOC	8207050	1.000	Ea
1760	_ Controller and Cabinet, ITS Type, RCOC	8207050	1.000	Ea
1770	_ Pedestal, Alum, RCOC	8207050	5.000	Ea
1780	_ Pushbutton Support Post, RCOC	8207050	6.000	Ea
1790	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1800	_ Support Post, Rem, RCOC	8207050	10.000	Ea
1810	_ TetherWire, Box, RCOC	8207050	2.000	Ea
1820	_ Traffic Loop, Presence (Preformed), RCOC	8207050	27.000	Ea
1830	_ TS, One Way Bracket Arm Mtd (LED), Five Sect, RCOC	8207050	1.000	Ea
1840	_ TS, One Way Span Wire Mtd (LED), Five Sect, RCOC	8207050	3.000	Ea
1850	_ Video Surveillance, Camera, RCOC	8207050	1.000	Ea
1860	Monument Box	8210001	1.000	Ea
1870	_ Sprinkler Line, 1 1/4 inch	8237001	10,204.000	Ft
1880	_ Sprinkler Line, 2 1/2 inch	8237001	6,400.000	Ft
1890	_ Hydrant, Adj	8237050	3.000	Ea
1900	_ Irrigation Control Box, Relocate	8237050	5.000	Ea
1910	_ Irrigation Control Box, Replace	8237050	5.000	Ea
1920	_ Sprinkler Head, Relocate	8237050	600.000	Ea
1930	_ Sprinkler Head, Replace	8237050	600.000	Ea
1940	_ Reimbursed Permit Fees	8507060	450.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 057

Letting Date: May 3, 2019

Contract ID: 70000-130732

Description: 0.41 mi of construction of a roundabout and road reconstruction, sanitary sewer, water main, landscaping, traffic signal and street lighting on West Washington Avenue from Franklin Street westerly to Main Avenue in the city of Zeeland, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130732A	1900633	N/A	STUL 70000
202855A	1900639	N/A	HSIP 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Dust Control	1027051	1.000	LSUM
0020	_ Contaminated Material, Storage, Handling and Disposal	1077060	10,000.000	Dlr
0030	Mobilization, Max \$233,700.00	1500001	1.000	LSUM
0040	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0090	Dr Structure, Rem	2030011	21.000	Ea
0100	Curb and Gutter, Rem	2040020	4,600.000	Ft
0110	Pavt, Rem	2040050	4,950.000	Syd
0120	Sidewalk, Rem	2040055	500.000	Syd
0130	Exploratory Investigation, Vertical	2040080	45.000	Ft
0140	_ Abandon and Fill Underground Utilites, 12 inch Dia.	2047001	35.000	Ft
0150	_ Concrete Parking Rail, Rem and Salvage	2047050	8.000	Ea
0160	_ Concrete Parking Rail, Salvaged	2047050	8.000	Ea
0170	_ Mansory Sign, Remove and Salvage	2047051	1.000	LSUM
0180	_ Remove Existing Storm Sewer and Fittings	2047051	1.000	LSUM
0190	Excavation, Rock	2050018	40.000	Cyd
0200	Subgrade Undercutting, Type II	2050041	3,500.000	Cyd
0210	_ Machine Grading, Modified, Main Ave	2057002	3.000	Sta
0220	_ Machine Grading, Modified, Washington Ave	2057002	18.000	Sta
0230	_ Machine Grading, Modified, Roundabout	2057051	1.000	LSUM
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0260	Erosion Control, Silt Fence	2080036	2,000.000	Ft

0270	Project Cleanup	2090001	1.000	LSUM
0280	Subbase, CIP	3010002	4,200.000	Cyd
0290	_ Aggregate Base, 6 inch, Modified	3027011	17,500.000	Syd
0300	_ Temporary Gravel Pavement	3067031	800.000	Ton
0310	Culv End Sect, Grate	4010083	100.000	Lb
0320	Culv, CI B, Conc, 15 inch	4010268	40.000	Ft
0330	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	1.000	Ea
0340	Sewer, CI A, 8 inch, Tr Det B	4020031	125.000	Ft
0350	Sewer, CI B, 6 inch, Tr Det B	4020180	25.000	Ft
0360	Sewer, CI II, 12 inch, Tr Det B	4020748	125.000	Ft
0370	Sewer, CI II, 15 inch, Tr Det B	4020749	1,035.000	Ft
0380	Sewer, CI III, 15 inch, Tr Det B	4020867	800.000	Ft
0390	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,320.000	Ft
0400	Sewer Tap, 6 inch	4021201	1.000	Ea
0410	Sewer Tap, 12 inch	4021204	3.000	Ea
0420	Sewer Bulkhead, 12 inch	4021230	7.000	Ea
0430	_ Core and Boot, 8 inch	4027050	1.000	Ea
0440	_ Sewer Bulkhead, 8 inch	4027050	1.000	Ea
0450	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea
0460	_ Sewer Bulkhead, 4 inch	4027050	1.000	Ea
0470	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0480	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0490	Dr Structure Cover, Type B	4030010	24.000	Ea
0500	Dr Structure Cover, Type D	4030025	2.000	Ea
0510	Dr Structure Cover, Type K	4030050	29.000	Ea
0520	Dr Structure, 48 inch dia	4030210	45.000	Ea
0530	Dr Structure, 60 inch dia	4030220	1.000	Ea
0540	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	30.000	Ft
0550	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
0560	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0570	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0580	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0590	_ Drop Inlet, Special	4037050	5.000	Ea
0600	_ Underdrain, Subbase, 6 inch, Modified	4047001	5,500.000	Ft
0610	Cold Milling HMA Surface	5010002	100.000	Syd
0620	HMA Surface, Rem	5010005	18,500.000	Syd
0630	Hand Patching	5010025	10.000	Ton
0640	HMA, 3C	5010031	1,700.000	Ton
0650	HMA, 13A	5010033	460.000	Ton
0660	HMA, 36A	5010034	320.000	Ton
0670	HMA, 4E1	5010050	1,050.000	Ton
0680	HMA, 5E1	5010056	850.000	Ton
0690	_ Temporary HMA Pavement	5017031	100.000	Ton

0700	_ Conc Pavt, Nonreinf, Decorative Colored 10 inch,	6027011	280.000	Syd
0710	_ Conc Pavt, Nonreinf, Decorative Colored, 6 inch	6027011	120.000	Syd
0720	Driveway, Nonreinf Conc, 6 inch	8010005	360.000	Syd
0730	Driveway, Nonreinf Conc, 8 inch	8010007	100.000	Syd
0740	Driveway Opening, Conc, Det M	8020050	900.000	Ft
0750	_ Curb and Gutter, Conc, Det D1, Modified	8027001	320.000	Ft
0760	_ Curb and Gutter, Conc, Det F4, Modified	8027001	7,000.000	Ft
0770	_ Curb, Conc, Det E1, Modified	8027001	240.000	Ft
0780	_ Curb, Conc, Det E2, Modified	8027001	1,200.000	Ft
0790	_ Valley Gutter, Conc, Modified	8027001	170.000	Ft
0800	Detectable Warning Surface	8030010	250.000	Ft
0810	Curb Ramp Opening, Conc	8030030	200.000	Ft
0820	Sidewalk Ramp, Conc, 6 inch	8030036	540.000	Sft
0830	Sidewalk, Conc, 4 inch	8030044	15,800.000	Sft
0840	Sidewalk, Conc, 6 inch	8030046	2,600.000	Sft
0850	_ Modular Block Retaining Wall, Rem and Salvage	8037010	135.000	Sft
0860	_ Modular Block Retaining Wall, Salvaged	8037010	135.000	Sft
0870	_ Street Light Foundation	8047050	18.000	Ea
0880	_ Relocate Flag Pole	8077050	1.000	Ea
0890	_ Fence, Rem, and Salvage	8087001	20.000	Ft
0900	_ Fence, Wood, Restore	8087001	20.000	Ft
0910	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0920	Post, Steel, 3 lb	8100371	930.000	Ft
0930	Sign, Type IIIA	8100404	45.000	Sft
0940	Sign, Type IIIB	8100405	250.000	Sft
0950	Mast Arm Pole Fdn, 6 Bolt	8100550	56.000	Ft
0960	_ Ornamental Mast Arm Pole, 21 foot, Cat III, with Orn. Base	8107050	4.000	Ea
0970	_ Ornamental Mast Arm, 30 foot, Cat III, Curved	8107050	1.000	Ea
0980	_ Ornamental Mast Arm, 35 foot, Cat III, Curved	8107050	1.000	Ea
0990	_ Ornamental Mast Arm, 40 foot, Cat III, Curved	8107050	2.000	Ea
1000	_ Masonry Wall and Sign	8107051	1.000	LSUM
1010	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,300.000	Ft
1020	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	7,100.000	Ft
1030	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	35.000	Ft
1040	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,000.000	Ft
1050	Pavt Mrkg, Polyurea, 12 inch, White	8110111	90.000	Ft
1060	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
1070	Recessing Pavt Mrkg, Longit	8110450	7,750.000	Ft
1080	Recessing Pavt Mrkg, Transv	8110451	845.000	Sft
1090	_ Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8117050	2.000	Ea
1100	Barricade, Type III, High Intensity, Lighted, Furn	8120022	14.000	Ea
1110	Barricade, Type III, High Intensity, Lighted, Oper	8120023	14.000	Ea
1120	Lighted Arrow, Type B, Furn	8120130	3.000	Ea
1130	Lighted Arrow, Type B, Oper	8120131	3.000	Ea

1140	Minor Traf Devices	8120170	1.000	LSUM
1150	Pavt Mrkg Cover, Type R, Black	8120200	1,500.000	Ft
1160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	600.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
1180	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
1190	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
1200	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1210	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1220	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
1230	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
1240	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
1250	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
1260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft
1270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft
1280	Traf Regulator Control	8120370	1.000	LSUM
1290	Riprap, Plain	8130010	40.000	Syd
1300	_ Landscape Edging, Steel	8157001	250.000	Ft
1310	_ Prepared Soil	8157021	310.000	Cyd
1320	_ Acer freemani, 'Red Sunset', 2 1/2 inch	8157050	6.000	Ea
1330	_ Acer rubrum, 'Armstrong', 2 1/2 inch	8157050	5.000	Ea
1340	_ Allium senescens 'Cosmic Blue', #1 Pot	8157050	108.000	Ea
1350	_ Calamagrotis 'Karl Foerster', 5 Gal	8157050	7.000	Ea
1360	_ Carpinus betulas, 'Fasigiata', 2 1/2 inch	8157050	3.000	Ea
1370	_ Chamaecyparis pisifera 'Lemon Thread', 24 inch	8157050	5.000	Ea
1380	_ Ginkgo biloba 'Autumn Gold', 2 1/2 inch	8157050	2.000	Ea
1390	_ Hemerocallis 'Black Eyed Stella', #1 Pot	8157050	96.000	Ea
1400	_ Hemerocallis 'Happy Returns', #1 Pot	8157050	180.000	Ea
1410	_ Ilex glabra Compacta, 24 inch	8157050	39.000	Ea
1420	_ Juniperus horizontalis 'Andorra Compacta', 24 inch	8157050	6.000	Ea
1430	_ Juniperus sabina 'Tamariscifolia', 24 inch	8157050	21.000	Ea
1440	_ Juniperus virginiana 'Cupressifolia', 6 foot	8157050	3.000	Ea
1450	_ Lavender angustifolia 'Munstead Strain', #1 Pot	8157050	24.000	Ea
1460	_ Maackia amurensis, 2 1/2 inch	8157050	5.000	Ea
1470	_ Miscanthis Sinensis 'Morning Light', 5 Gal	8157050	6.000	Ea
1480	_ Nepeta x Faassenii 'Kit Kat', #3 Pot	8157050	82.000	Ea
1490	_ Pennisetum alopecuriodes, 'Little Bunny', 3 Gal	8157050	20.000	Ea
1500	_ Pyrus calleryana 'Cleveland Select', 2 1/2 inch	8157050	19.000	Ea
1510	_ Sedum 'Autumn Joy', #3 Pot	8157050	102.000	Ea
1520	_ Tree Water Bag	8157050	42.000	Ea
1530	_ Existing Landscaping, Transplant	8157051	1.000	LSUM
1540	_ Irrigation System	8157051	1.000	LSUM
1550	_ Watering and Cultivating, Special	8157051	1.000	LSUM
1560	Mulch Blanket, High Velocity	8160028	75.000	Syd

1570	_ Turf Establishment	8167011	4,500.000	Syd
1580	_ Turf Watering	8167050	16.000	Ea
1590	Cable Pole, TS, Dismant	8190010	2.000	Ea
1600	Conduit, DB, 1, 1 1/2 inch	8190027	65.000	Ft
1610	Conduit, DB, 3, 3 inch	8190035	35.000	Ft
1620	Conduit, DB, 4, 3 inch	8190038	8.000	Ft
1630	Conduit, Rem	8190140	30.000	Ft
1640	Conduit, Schedule 40, 2 inch	8190147	320.000	Ft
1650	Conduit, Schedule 40, 4 inch	8190151	500.000	Ft
1660	Hh, Rem	8190254	1.000	Ea
1670	Hh, Round, 3 foot dia	8190259	1.000	Ea
1680	Hh, Round	8190260	3.000	Ea
1690	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
1700	Conduit, Directional Bore, 3, 3 inch	8190606	290.000	Ft
1710	_ Conduit, Schedule 40, 6 inch	8197001	160.000	Ft
1720	Case Sign, Rem	8200020	1.000	Ea
1730	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1740	Controller and Cabinet, Rem	8200030	1.000	Ea
1750	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1760	Controller Fdn, Base Mount	8200045	1.000	Ea
1770	Global Positioning System Module	8200050	1.000	Ea
1780	Digital Loop Detector	8200055	2.000	Ea
1790	Fdn, Rem	8200065	2.000	Ea
1800	Pedestal, Alum	8200100	3.000	Ea
1810	Pedestal, Fdn	8200105	4.000	Ea
1820	Pedestal Fdn, Rem	8200106	5.000	Ea
1830	Pedestal, Rem	8200110	1.000	Ea
1840	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
1850	Pushbutton and Sign	8200121	4.000	Ea
1860	Pushbutton, Rem	8200122	2.000	Ea
1870	Serv Disconnect, Rem	8200136	1.000	Ea
1880	Span Wire, Rem	8200141	1.000	Ea
1890	Steel Pole, Rem	8200145	2.000	Ea
1900	Traf Loop	8200170	4.000	Ea
1910	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
1920	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1930	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1940	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1950	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1960	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1970	Casing	8200480	44.000	Ft
1980	Backplate, TS	8200501	8.000	Ea
1990	Hydrant, Relocate, Case 1	8230095	1.000	Ea

2000	Water Shutoff, Adj, Temp, Case 1	8230381	4.000	Ea
2010	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
2020	Gate Box, Adj, Case 1	8230431	5.000	Ea
2030	Gate Box, Adj, Case 2	8230432	1.000	Ea
2040	_ Water Main, DI CL 53 (with Poly-Wrap), 16 inch, Including Sand Backfill	8237001	1,460.000	Ft
2050	_ Water Main, DI CL 53 (with Poly-Wrap), 6 inch, Including Sand Backfill	8237001	155.000	Ft
2060	_ Water Main, DI CL 53 (with Poly-Wrap, 8 inch including Sand Backfill	8237001	45.000	Ft
2070	_ Water Service, 1-1/2 inch	8237001	220.000	Ft
2080	_ Water Service, 2 inch	8237001	150.000	Ft
2090	_ Bend, 11 1/4 Degree, 16 inch	8237050	2.000	Ea
2100	_ Bend, 22 1/2 Degree, 16 inch	8237050	1.000	Ea
2110	_ Bend, 45 Degree, 16 inch	8237050	7.000	Ea
2120	_ Bend, 45 Degree, 6 inch	8237050	2.000	Ea
2130	_ Curb Stop and Box, 1-1/2 inch	8237050	4.000	Ea
2140	_ Curb Stop and Box, 2 inch	8237050	4.000	Ea
2150	_ Hydrant, 5 inch	8237050	4.000	Ea
2160	_ Plug, 20 inch	8237050	2.000	Ea
2170	_ Reducer, 16 inch x 6 inch	8237050	1.000	Ea
2180	_ Sleeve, 16 inch	8237050	2.000	Ea
2190	_ Sleeve, 6 inch	8237050	4.000	Ea
2200	_ Tap for 1-1/2 inch Water Service, Including Corporation Stop	8237050	4.000	Ea
2210	_ Tap for 2 inch Water Service, Including Corporation Stop	8237050	4.000	Ea
2220	_ Tee, 16 inch x 16 inch x 6 inch	8237050	5.000	Ea
2230	_ Tee, 16 inch x 16 inch x 16 inch	8237050	1.000	Ea
2240	_ Tee, 16 inch x 16 inch x 8 inch	8237050	2.000	Ea
2250	_ Valve and Box, 16 inch	8237050	2.000	Ea
2260	_ Valve and Box, 6 inch	8237050	5.000	Ea
2270	_ Valve and Box, 8 inch	8237050	2.000	Ea
2280	_ Water Service Connection	8237050	10.000	Ea
2290	_ Remove Existing Water Main, Hydrants and Fittings	8237051	1.000	LSUM
2300	_ Sanitary Sewer, D-2680, 8 inch, Including Sand Backfill	8257001	595.000	Ft
2310	_ Sanitary Sewer Manhole, 48 inch dia	8257050	4.000	Ea
2320	_ Sanitary Drop Connection on 8 inch Sanitary Sewer	8507001	3.000	Ft
2330	_ Sanitary Sewer Lateral, SDR 35, 6 inch, Including Sand Backfill	8507001	38.000	Ft
2340	_ Sanitary Sewer Lateral, SDR 35, 8 inch, Including Sand Backfill	8507001	22.000	Ft
2350	_ Irrigation Backflow Preventer, 1-1/4 inch	8507050	1.000	Ea
2360	_ Remove Grinder Pump	8507050	1.000	Ea
2370	_ Sanitary Clean-out Cover	8507050	1.000	Ea
2380	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 058

Letting Date: May 3, 2019

Contract ID: 61000-130801

Description: 0.51 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, water main, sewer, restoration and pavement markings on Broadway Avenue from Getty Street to Bailey Street, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130801A	1900580	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$167,700.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	9.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	524.000	Ft
0040	Curb and Gutter, Rem	2040020	5,247.000	Ft
0050	Pavt, Rem	2040050	65.000	Syd
0060	Sidewalk, Rem	2040055	4,481.000	Syd
0070	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0080	_ Machine Grading, Modified	2057002	27.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0100	_ Aggregate Base, 10 inch, Modified	3027011	12,945.000	Syd
0110	_ Approach, CI II, 6 inch, Modified	3027011	308.000	Syd
0120	Sewer, CI E, 12 inch, Tr Det B	4020600	604.000	Ft
0130	Video Taping Sewer and Culv Pipe	4021275	831.000	Ft
0140	_ Sewer, CI E, 27 inch, Tr Det B	4027001	192.000	Ft
0150	_ Sewer, PVC, 4 inch	4027001	51.000	Ft
0160	_ Sewer Bulkhead, Less than 15 inch	4027050	3.000	Ea
0170	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0180	Dr Structure Cover, Type D	4030025	2.000	Ea
0190	Dr Structure Cover, Type K	4030050	16.000	Ea
0200	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0210	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0220	_ Dr Structure, Adj, Add Depth, Modified	4037001	26.000	Ft
0230	_ Dr Structure Cover, Adj, Case 1 , Modified	4037050	12.000	Ea
0240	_ Dr Structure Cover, Sanitary	4037050	9.000	Ea
0250	_ Dr Structure Cover, Type 7031	4037050	1.000	Ea
0260	_ Dr Structure Cover, Type B, Modified	4037050	14.000	Ea
0270	_ Dr Structure, 24 inch dia, Modified	4037050	9.000	Ea

0280	_ Dr Structure, 48 inch dia, Modified	4037050	15.000	Ea
0290	HMA Surface, Rem	5010005	14,774.000	Syd
0300	HMA, 4E3	5010051	1,958.000	Ton
0310	HMA, 5E3	5010057	1,176.000	Ton
0320	HMA Approach	5010061	55.000	Ton
0330	Driveway, Nonreinf Conc, 6 inch	8010005	853.000	Syd
0340	Driveway, Nonreinf Conc, 8 inch	8010007	36.000	Syd
0350	Curb, Conc, Det E1	8020001	130.000	Ft
0360	Curb and Gutter, Conc, Det F4	8020038	5,027.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	780.000	Ft
0380	Detectable Warning Surface	8030010	145.000	Ft
0390	Curb Ramp Opening, Conc	8030030	234.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	1,450.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	21,062.000	Sft
0420	Sidewalk, Conc, 6 inch	8030046	4,285.000	Sft
0430	Post, Mailbox	8070095	15.000	Ea
0440	Post, Steel, 3 lb	8100371	422.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0460	Sign, Type III, Rem	8100403	34.000	Ea
0470	Sign, Type IIIA	8100404	63.000	Sft
0480	Sign, Type IIIB	8100405	37.000	Sft
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	475.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,980.000	Ft
0510	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	175.000	Ft
0520	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	850.000	Ft
0530	_ Pavt Mrkg, Waterborne, LT Turn Arrow Sym	8117050	16.000	Ea
0540	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	1.000	Ea
0550	_ Pavt Mrkg, Waterborne, RT, Thru Arrow Sym	8117050	1.000	Ea
0560	_ Pavt Mrkg, Waterborne, Thru Arrow Sym	8117050	1.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0590	Pedestrian Type II Barricade, Temp	8120026	22.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	50.000	Ft
0620	Plastic Drum, High Intensity, Furn	8120250	90.000	Ea
0630	Plastic Drum, High Intensity, Oper	8120251	90.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	517.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	517.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	80.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	80.000	Sft
0680	_ Turf Establishment	8167002	27.000	Sta
0690	Fire Hydrant	8230040	7.000	Ea
0700	Fire Hydrant , Salvage	8230040	1.000	Ea

0710	Gate Valve and Box, 6 inch	8230051	7.000	Ea
0720	Gate Valve and Box, 8 inch	8230052	7.000	Ea
0730	Gate Valve and Box, 12 inch	8230054	1.000	Ea
0740	Gate Valve and Box, 16 inch	8230055	7.000	Ea
0750	Hydrant, Rem	8230091	6.000	Ea
0760	Water Main, DI, 6 inch, Tr Det G	8230151	275.000	Ft
0770	Water Main, DI, 8 inch, Tr Det G	8230156	255.000	Ft
0780	Water Main, DI, 12 inch, Tr Det G	8230166	307.000	Ft
0790	Water Main, DI, 16 inch, Tr Det G	8230171	2,382.000	Ft
0800	Water Serv	8230240	8.000	Ea
0810	Water Serv, Long	8230245	18.000	Ea
0820	Gate Box, Adj, Case 1	8230431	3.000	Ea
0830	_ Water Main, Abandon	8237001	2,989.000	Ft
0840	_ Water Main, Bend, 45 Degree, 12 inch	8237050	6.000	Ea
0850	_ Water Main, Bend, 45 Degree, 6 inch	8237050	14.000	Ea
0860	_ Water Main, Bend, 45 Degree, 8 inch	8237050	3.000	Ea
0870	_ Water Main, Cross, 16 Inch x 16 Inch x 12 Inch x 12 Inch	8237050	1.000	Ea
0880	_ Water Main, Cross, 16 Inch x 16 Inch x 8 Inch x 8 Inch	8237050	1.000	Ea
0890	_ Water Main, Reducer, 12 inch x 8 inch	8237050	1.000	Ea
0900	_ Water Main, Reducer, 16 inch x 12 inch	8237050	1.000	Ea
0910	_ Water Main, Reducer, 8 inch x 6 inch	8237050	7.000	Ea
0920	_ Water Main, Sleeve, 12 inch	8237050	2.000	Ea
0930	_ Water Main, Sleeve, 16 Inch	8237050	2.000	Ea
0940	_ Water Main, Sleeve, 6 inch	8237050	7.000	Ea
0950	_ Water Main, Tee, 12 inch x 12 inch x 6 inch	8237050	1.000	Ea
0960	_ Water Main, Tee, 16 Inch x 16 Inch x 16 Inch	8237050	1.000	Ea
0970	_ Water Main, Tee, 16 Inch x 16 Inch x 6 Inch	8237050	1.000	Ea
0980	_ Water Main, Tee, 16 Inch x 16 Inch x 8 Inch	8237050	4.000	Ea
0990	_ Water Main, Tee, 8 inch x 8 inch x 6 inch	8237050	6.000	Ea



4/11/2019 4:20 PM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 059**Letting Date:** May 3, 2019**Contract ID:** 58115-133374**Description:** 10.15 mi of hot mix asphalt cold milling, ultra-thin overlay, culverts, drainage, joints repairs, guardrail and pavement markings on various routes, Monroe County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133374A	1900610	N/A	STU 58115
133376A	1900611	N/A	STU 58115
133381A	1900612	N/A	STL 58000
133382A	1900616	N/A	STL 58115
203654A	1900619	N/A	STU 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$157,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	124.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	48.000	Ft
0050	_ Concrete Headwall, Rem	2037050	2.000	Ea
0060	Curb and Gutter, Rem	2040020	15.000	Ft
0070	Guardrail, Rem	2040035	300.000	Ft
0080	Pavt, Rem	2040050	100.000	Syd
0090	Aggregate Base	3020001	45.000	Ton
0100	Maintenance Gravel	3060020	40.000	Ton
0110	Shoulder, CI II	3070121	2,325.000	Ton
0120	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0130	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0140	Culv, CI E, Conc, 15 inch	4010574	40.000	Ft
0150	Culv, CI E, Conc, 30 inch	4010577	40.000	Ft
0160	Sewer, CI E, 15 inch, Tr Det B	4020601	96.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0180	Dr Structure Cover, Type G	4030040	2.000	Ea
0190	Dr Structure, 24 inch dia	4030200	1.000	Ea
0200	Dr Structure, 48 inch dia	4030210	1.000	Ea
0210	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0220	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0230	_ Sanitary Structure Cover, Adj, Case 1	4037050	6.000	Ea
0240	Pavt, Cleaning	5010001	1.000	LSUM

0250	Cold Milling HMA Surface	5010002	147,860.000	Syd
0260	HMA Surface, Rem	5010005	1,400.000	Syd
0270	Pavt for Butt Joints, Rem	5010008	320.000	Syd
0280	Pavt Joint and Crack Repr, Det 7	5010020	2,100.000	Ft
0290	Hand Patching	5010025	390.000	Ton
0300	HMA, 5E1	5010056	7,150.000	Ton
0310	HMA Approach	5010061	320.000	Ton
0320	_ HMA, Ultra-Thin, Medium Volume	5017031	5,800.000	Ton
0330	Lane Tie, Epoxy Anchored	6030030	4.000	Ea
0340	Curb and Gutter, Conc, Det B2	8020016	15.000	Ft
0350	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0360	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	24.000	Ea
0370	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	21.000	Ea
0380	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	220.000	Ft
0390	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	3.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	104,600.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	63,500.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	104,600.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	63,500.000	Ft
0440	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0450	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	45.000	Ea
0460	Pavt Mrkg, Polyurea, Only	8110410	9.000	Ea
0470	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0480	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0510	Channelizing Device, 42 inch, Furn	8120030	80.000	Ea
0520	Channelizing Device, 42 inch, Oper	8120031	80.000	Ea
0530	Lighted Arrow, Type B, Furn	8120130	8.000	Ea
0540	Lighted Arrow, Type B, Oper	8120131	8.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,900.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,950.000	Ft
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	2,749.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	2,749.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Slope Restoration, Type B	8160101	450.000	Syd
0620	Wireless Vehicle Sensor Node, Salv	8200427	8.000	Ea
0630	Monument Box Adjust	8210005	4.000	Ea
0640	Gate Box, Adj, Case 1	8230431	3.000	Ea
0650	_ Railroad Protection, at Grade Crossing	8507060	4,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 060

Letting Date: May 3, 2019

Contract ID: 81000-202645

Description: 1.10 mi of concrete pavement, curb, gutter and ramps, hot mix asphalt paving, drainage, signals and pavement markings on Carpenter Road from Ellsworth Road to Packard Street, Washtenaw County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202645A	1900623	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$139,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	10.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0040	Curb and Gutter, Rem	2040020	1,515.000	Ft
0050	Pavt, Rem	2040050	115.000	Syd
0060	Sidewalk, Rem	2040055	170.000	Syd
0070	Embankment, CIP	2050010	30.000	Cyd
0080	Excavation, Earth	2050016	50.000	Cyd
0090	_ Roadway Grading	2057002	16.000	Sta
0100	_ Subgrade Undercutting, Type II, Modified	2057021	250.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,115.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	_ Aggregate Base, Modified	3027031	300.000	Ton
0150	Maintenance Gravel	3060020	100.000	Ton
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	100.000	Ft
0170	Sewer, CI E, 18 inch, Tr Det B	4020602	100.000	Ft
0180	Sewer, CI E, 24 inch, Tr Det B	4020603	100.000	Ft
0190	Sewer, CI E, 36 inch, Tr Det B	4020605	100.000	Ft
0200	Sewer, CI E, 48 inch, Tr Det B	4020607	100.000	Ft
0210	Video Taping Sewer and Culv Pipe	4021275	7,400.000	Ft
0220	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0230	Dr Structure Cover, Type K	4030050	10.000	Ea
0240	Dr Structure, 48 inch dia	4030210	10.000	Ea
0250	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0260	_ Drainage Structure Repair, 12 inches or Greater	4037001	50.000	Ft
0270	_ Drainage Structure Repair, Less Than 12 inches	4037050	20.000	Ea

0280	Underdrain, Subbase, 6 inch	4040063	150.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0300	Cold Milling HMA Surface	5010002	31,070.000	Syd
0310	HMA Surface, Rem	5010005	10,370.000	Syd
0320	Hand Patching	5010025	137.000	Ton
0330	HMA, 5E10	5010058	3,765.000	Ton
0340	Conc Base Cse, Nonreinf, 7 inch	6020017	97.000	Syd
0350	Joint, Contraction, Cp	6020200	6,405.000	Ft
0360	Joint, Expansion, E2	6020207	65.000	Ft
0370	Pavt Gapping	6020215	200.000	Ft
0380	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	10,265.000	Syd
0390	_ Void Reducing Asphalt Membrane	6027001	19,100.000	Ft
0400	Cement	6030005	1.000	Ton
0410	Lane Tie, Epoxy Anchored	6030030	930.000	Ea
0420	Driveway, Nonreinf Conc, 9 inch	8010008	115.000	Syd
0430	Curb and Gutter, Conc, Det F3	8020037	775.000	Ft
0440	Curb and Gutter, Conc, Det F4	8020038	180.000	Ft
0450	Driveway Opening, Conc, Det M	8020050	565.000	Ft
0460	Detectable Warning Surface	8030010	60.000	Ft
0470	Curb Ramp Opening, Conc	8030030	95.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	1,365.000	Sft
0490	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0500	Recessing Pavt Mrkg, Longit	8110450	17,270.000	Ft
0510	Recessing Pavt Mrkg, Transv	8110451	2,620.000	Sft
0520	Pavt Mrkg, Wet Retrlec Polyurea, 4 inch, White	8110500	4,020.000	Ft
0530	Pavt Mrkg, Wet Retrlec Polyurea, 4 inch, Yellow	8110504	13,250.000	Ft
0540	Pavt Mrkg, Wet Retrlec Polyurea, 12 inch, Yellow	8110507	170.000	Ft
0550	_ Pavt Mrkg, Wet Reflective, Polyurea, 12 inch, Crosswalk	8117001	1,415.000	Ft
0560	_ Pavt Mrkg, Wet Reflective, Polyurea, 24 inch, Stop Bar	8117001	400.000	Ft
0570	_ Pavt Mrkg, Wet Reflective, Polyurea, Lt Turn Arrow Sym	8117050	8.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Furn	8120022	80.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Oper	8120023	80.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0610	Channelizing Device, 42 inch, Furn	8120030	625.000	Ea
0620	Channelizing Device, 42 inch, Oper	8120031	625.000	Ea
0630	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Part Width Intersection Construction	8120190	3.000	Ea
0670	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	9,640.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	6,880.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,760.000	Ft

0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,570.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	20,780.000	Ft
0720	Sign Cover	8120310	50.000	Ea
0730	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0740	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0750	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0760	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	_ Sign, Type B, Temp, Prismatic, Furn, Modified	8127010	1,314.000	Sft
0790	_ Sign, Type B, Temp, Prismatic, Oper, Modified	8127010	1,314.000	Sft
0800	_ Sign, Type B, Temp, Prismatic, Special, Furn, Modified	8127010	213.000	Sft
0810	_ Sign, Type B, Temp, Prismatic, Special, Oper, Modified	8127010	213.000	Sft
0820	_ Rain Garden	8157051	1.000	LSUM
0830	_ Turf Establishment, Performance	8167011	625.000	Syd
0840	Conduit, DB, 1, 1 1/2 inch	8190027	165.000	Ft
0850	Controller and Cabinet, Rem	8200030	1.000	Ea
0860	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0870	Pedestal, Alum, Salv	8200101	1.000	Ea
0880	Pedestal, Fdn	8200105	11.000	Ea
0890	Pedestal Fdn, Rem	8200106	1.000	Ea
0900	Pedestal, Rem	8200110	1.000	Ea
0910	Pushbutton, Rem	8200122	5.000	Ea
0920	Pushbutton Pedestal, Alum	8200123	12.000	Ea
0930	Push Button Station and Sign	8200128	12.000	Ea
0940	TS, Mast Arm Mtd, Rem	8200177	32.000	Ea
0950	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0960	TS, Pedestrian, Pedestal Mtd, Rem	8200181	7.000	Ea
0970	Pedestrian Signal System, Accessible	8200240	2.000	Ea
0980	TS, One Way Mast Arm Mtd, Salv	8200251	8.000	Ea
0990	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
1000	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1010	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
1020	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	8.000	Ea
1030	TS, One Way Mast Arm Mtd (LED)	8200359	24.000	Ea
1040	Wireless Vehicle Detection System	8200422	1.000	Ea
1050	Wireless Vehicle Sensor Node	8200425	36.000	Ea
1060	TS Face, Bag	8200458	48.000	Ea
1070	TS Face, Bag, Rem	8200459	60.000	Ea
1080	_ Wireless Repeater, Flex	8207050	4.000	Ea

1090	Monument Box Adjust	8210005	2.000	Ea
1100	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 061

Letting Date: May 3, 2019

Contract ID: 82000-203506

Description: 1.10 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter, sidewalk and ramps, drainage, guardrail, bridge rehabilitation including epoxy overlay, concrete patching, and pavement markings on Inkster Road from Five Mile Road to Six Mile Road in the city of Livonia, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203506A	1900589	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$124,300.00	1500001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0030	Curb and Gutter, Rem	2040020	200.000	Ft
0040	Guardrail, Rem	2040035	77.000	Ft
0050	Sidewalk, Rem	2040055	203.000	Syd
0060	Exploratory Investigation, Vertical	2040080	30.000	Ft
0070	_ Misc Culvert Cleanout	2047001	62.000	Ft
0080	_ Misc Pavt, Rem, Patching	2047011	1,000.000	Syd
0090	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0100	_ Misc Subgrade Undercutting, Type IV	2057021	120.000	Cyd
0110	_ Subgrade Undercutting Type I, Modified	2057021	40.000	Cyd
0120	_ Subgrade Undercutting, Type II, Modified	2057021	40.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	10.000	Ft
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0150	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0160	Project Cleanup	2090001	1.000	LSUM
0170	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0180	Culv, CI F, CSP, 12 inch	4010675	6.000	Ft
0190	Dr Structure, Cleaning	4030290	2.000	Ea
0200	Dr Structure, Temp Lowering	4030390	18.000	Ea
0210	_ Misc Structure Reconstruct	4037001	10.000	Ft
0220	_ Misc San Structure Cover, Adj	4037050	5.000	Ea
0230	_ Misc Structure Cover, Adj	4037050	40.000	Ea
0240	_ Misc Structure Cover, Adj, Furn Cover A	4037050	3.000	Ea
0250	_ Misc Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0260	Pavt, Cleaning	5010001	1.000	LSUM
0270	Cold Milling HMA Surface	5010002	33,496.000	Syd

0280	Pavt Joint and Crack Repr, Det 8	5010021	150.000	Ft
0290	Hand Patching	5010025	100.000	Ton
0300	HMA, 4E10	5010052	3,962.000	Ton
0310	HMA, 5E10	5010058	2,773.000	Ton
0320	HMA Approach	5010061	31.000	Ton
0330	_ Misc Bit Mixture for Patching, Temp	5017031	15.000	Ton
0340	_ Misc Conditioning Existing Pavement	5017031	350.000	Ton
0350	Joint, Contraction, Cp	6020200	400.000	Ft
0360	Joint, Expansion, E2	6020207	60.000	Ft
0370	Lane Tie, Epoxy Anchored	6030030	140.000	Ea
0380	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,000.000	Syd
0390	Curb and Gutter, Conc, Det F5	8020039	16.000	Ft
0400	_ Misc Conc Curb Cap	8027001	250.000	Ft
0410	_ Misc Conc Curb Cap, Patching	8027001	100.000	Ft
0420	Detectable Warning Surface	8030010	110.000	Ft
0430	Curb Ramp Opening, Conc	8030030	200.000	Ft
0440	Sidewalk Ramp, Conc, 4 inch	8030034	1,212.000	Sft
0450	Sidewalk, Conc, 4 inch	8030044	25.000	Sft
0460	_ Sidewalk Ramp, Conc, 8 inch	8037010	771.000	Sft
0470	Guardrail, Type B	8070000	50.000	Ft
0480	Guardrail, Curved, Type B	8070010	40.000	Ft
0490	Guardrail Reflector	8070080	4.000	Ea
0500	_ Misc Field Office	8097043	3.000	Mo
0510	_ Misc Sign, Type B, Perm	8107010	166.000	Sft
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,000.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	250.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	350.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0560	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,725.000	Ft
0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,440.000	Ft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0600	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,200.000	Ft
0660	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,200.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
0690	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea

0700	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0710	Sign Cover	8120310	8.000	Ea
0720	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0730	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	1,551.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	1,551.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	112.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	112.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Topsoil Surface, Furn, 2 inch	8160060	2,642.000	Syd
0800	Water, Sodding/Seeding	8160090	150.000	Unit
0810	_ Misc Turf Grading	8167011	17.000	Syd
0820	_ Sodding, Modified	8167011	2,642.000	Syd
0830	Monument Box Adjust	8210005	7.000	Ea
0840	Monument Preservation	8210010	7.000	Ea
0850	Monument Preservation, Vertical	8210015	1.000	Ea
0860	Protect Corners	8210020	7.000	Ea
0870	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea
0880	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0890	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0900	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0910	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0920	Reinforcement, Steel, Epoxy Coated	7060092	1,120.000	Lb
0930	Hand Chipping, Deep	7120004	35.000	Syd
0940	Hand Chipping, Other Than Deck	7120007	287.000	Cft
0950	Patching Mortar or Conc	7120016	280.000	Cft
0960	Patch, Forming	7120017	65.000	Sft
0970	Epoxy Ovly	7120020	653.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 062

Letting Date: May 3, 2019

Contract ID: 37000-133038

Description: Bridge removal and replacement with prestressed concrete bulb-tee beams, cofferdams, steel piles, culvert, drainage, guardrail and approach work on Pickard Road over the north branch of the Chippewa River, Isabella County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133038A	1900603	N/A	BO 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$112,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Embankment, CIP	2050010	920.000	Cyd
0050	Excavation, Earth	2050016	470.000	Cyd
0060	Subbase, CIP	3010002	830.000	Cyd
0070	Aggregate Base, 6 inch	3020016	4,500.000	Syd
0080	_ Aggregate Base, 24 inch, Modified	3027011	267.000	Syd
0090	Approach, CI II, 6 inch	3070028	160.000	Syd
0100	Shoulder, CI II, 5 inch	3070127	115.000	Syd
0110	Culv End Sect, 12 inch	4010012	8.000	Ea
0120	Culv End Sect, 18 inch	4010018	1.000	Ea
0130	Culv End Sect, 36 inch	4010036	1.000	Ea
0140	Culv, CI A, 18 inch	4010133	255.000	Ft
0150	Culv, CI A, 36 inch	4010136	245.000	Ft
0160	Culv, CI F, 12 inch	4010607	125.000	Ft
0170	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	1.000	Ea
0180	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	1.000	Ea
0190	HMA Surface, Rem	5010005	1,400.000	Syd
0200	HMA Approach	5010061	36.000	Ton
0210	HMA, LVSP	5010703	510.000	Ton
0220	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	138.000	Syd
0230	Guardrail, Type MGS-8	8070004	58.000	Ft
0240	Guardrail, Curved, Type MGS-8	8070012	75.000	Ft
0250	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0260	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0270	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea

0280	Guardrail Reflector	8070080	12.000	Ea
0290	Post, Mailbox	8070095	2.000	Ea
0300	Sign, Type III, Rem	8100403	7.000	Ea
0310	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,200.000	Ft
0320	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,200.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	268.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	268.000	Sft
0380	Riprap, Plain	8130010	19.000	Syd
0390	_ Turf Establishment, Performance	8167011	1,270.000	Syd

Section: 2

0400	Structures, Rem	2040060	1.000	LSUM
0410	Backfill, Structure, CIP	2060002	2,010.000	Cyd
0420	Excavation, Fdn	2060010	1,275.000	Cyd
0430	Erosion Control, Filter Bag	2080014	2.000	Ea
0440	Underdrain, Fdn, 4 inch	4040031	130.000	Ft
0450	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0460	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0470	Joint, Expansion, E3	6020208	96.000	Ft
0480	Cofferdams	7040007	1.000	LSUM
0490	Prebore, Fdn Piling	7050001	654.000	Ft
0500	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0510	Pile, Steel, Furn and Driven, 12 inch	7050030	816.000	Ft
0520	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0530	Pile Point, Steel	7050039	57.000	Ea
0540	Pile, Steel, Splice	7050050	57.000	Ea
0550	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0560	Bridge Ltg, Oper and Maintain	7060002	202.000	Cyd
0570	Conc, Grade S2, Subfooting	7060012	31.000	Cyd
0580	Expansion Joint Device	7060050	48.000	Ft
0590	False Decking	7060060	4,980.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	58,952.000	Lb
0610	Substructure Conc	7060100	324.000	Cyd
0620	Superstructure Conc	7060110	14.000	Cyd
0630	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0640	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0650	Superstructure Conc, Night Casting	7060113	202.000	Cyd
0660	Water Repellent Treatment, Penetrating	7060140	555.000	Syd
0670	Bearing, Elastomeric, 1 1/2 inch	7070014	2,590.000	Sin
0680	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	380.000	Ft

0690	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	380.000	Ft
0700	Joint Waterproofing	7100001	250.000	Sft
0710	Bridge Railing, 2 Tube	7110008	206.000	Ft
0720	_ Structure Name Plate	7117050	1.000	Ea
0730	_ Riprap, Heavy, Modified	8137011	295.000	Syd



4/11/2019 4:20 PM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 063**Letting Date:** May 3, 2019**Contract ID:** 37000-130258**Description:** 39.67 mi of single course chip seal, fog seal and pavement markings on various routes, Isabella County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130258A	1900549	N/A	STL 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$84,300.00	1500001	1.000	LSUM
0020	_ Fog Seal	5057011	572,560.000	Syd
0030	_ Seal, Single Chip, Modified	5057011	572,560.000	Syd
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	66.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	419,000.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	178,739.000	Ft
0070	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0120	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	6,240.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190503 064

Letting Date: May 3, 2019

Contract ID: 70141-129682

Description: 2.00 mi of hot mix asphalt resurfacing, concrete curb and gutter, shoulder trenching and widening, aggregate shoulders and pavement markings on 120th Avenue from New Holland Street north to Port Sheldon Street, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129682A	1900600	N/A	STL 70141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	40.000	Ft
0030	Pavt, Rem	2040050	201.000	Syd
0040	_ Sidewalk Ramp Grading	2057011	11.000	Syd
0050	Approach, CI I, 6 inch	3070008	201.000	Syd
0060	Shoulder, CI II, 5 inch	3070127	9,353.000	Syd
0070	_ Trenching, Modified	3077002	197.000	Sta
0080	Dr Structure, Temp Lowering	4030390	2.000	Ea
0090	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	3.000	Ea
0100	Pavt for Butt Joints, Rem	5010008	3,718.000	Syd
0110	HMA, 2C	5010030	1,590.000	Ton
0120	HMA, 4E1	5010050	4,066.000	Ton
0130	HMA, 5E1	5010056	3,333.000	Ton
0140	HMA Approach	5010061	185.000	Ton
0150	Curb and Gutter, Conc, Det B2	8020016	40.000	Ft
0160	Detectable Warning Surface	8030010	8.000	Ft
0170	Sidewalk Ramp, Conc, 4 inch	8030034	24.000	Sft
0180	_ Mailbox Post, Modified	8077050	43.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,000.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,000.000	Ft
0220	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	215.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	215.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	120.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,210.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	16.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,208.000	Ft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	618.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	618.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Slope Restoration	8167011	2,232.000	Syd
0360	_ Gate Box, Adj	8237050	1.000	Ea
0370	_ Approach, Class I, Driveway	8507050	36.000	Ea
0380	_ Approach, Class I, Intersection	8507050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 065

Letting Date: May 3, 2019

Contract ID: 37000-133043

Description: Bridge removal and replacement with 27-inch prestressed concrete box beams, cofferdams, steel piles, curb and gutter approach, concrete driveway, culvert, drainage and guardrail on Rolland Road over Chippewa River, Isabella County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133043A	1900604	N/A	BRT 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	5.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Pavt, Rem	2040050	34.000	Syd
0070	Embankment, CIP	2050010	150.000	Cyd
0080	Excavation, Earth	2050016	1,200.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	Erosion Control, Silt Fence	2080036	813.000	Ft
0110	Subbase, CIP	3010002	600.000	Cyd
0120	Aggregate Base	3020001	600.000	Ton
0130	Aggregate Base, 8 inch	3020020	1,400.000	Syd
0140	Shoulder, CI II, 3 inch	3070125	270.000	Syd
0150	Culv End Sect, 12 inch	4010012	4.000	Ea
0160	Culv, CI F, 12 inch	4010607	88.000	Ft
0170	Dr Structure Cover, Type G	4030040	1.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0190	HMA, LVSP	5010703	184.000	Ton
0200	Driveway, Reinf Conc, 6 inch	8010001	90.000	Syd
0210	Curb and Gutter, Bridge Approach	8020010	81.000	Ft
0220	Guardrail, Type B	8070000	100.000	Ft
0230	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0240	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0250	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0260	Guardrail Reflector	8070080	24.000	Ea
0270	Post, Mailbox	8070095	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	920.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	920.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	297.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	297.000	Sft
0350	Ditch, Plain Cobble	8140005	20.000	Syd
0360	_ Slope Restoration, Modified	8167011	900.000	Syd

Section: 2

0370	Structures, Rem	2040060	1.000	LSUM
0380	Backfill, Structure, CIP	2060002	620.000	Cyd
0390	Excavation, Fdn	2060010	1,150.000	Cyd
0400	Erosion Control, Filter Bag	2080014	2.000	Ea
0410	_ Turbidity Curtain, Modified	2087001	150.000	Ft
0420	Underdrain, Fdn, 4 inch	4040031	175.000	Ft
0430	Underdrain Outlet, 4 inch	4040091	48.000	Ft
0440	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0450	Cofferdams	7040007	1.000	LSUM
0460	Prebore, Fdn Piling	7050001	192.000	Ft
0470	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0480	Pile, Steel, Furn and Driven, 12 inch	7050030	682.000	Ft
0490	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0500	Pile Point, Steel	7050039	48.000	Ea
0510	Pile, Steel, Splice	7050050	48.000	Ea
0520	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0530	Bridge Ltg, Oper and Maintain	7060002	79.000	Cyd
0540	Conc, Grade T	7060013	141.000	Cyd
0550	Expansion Joint Device	7060050	28.000	Ft
0560	False Decking	7060060	1,503.000	Sft
0570	Reinforcement, Steel, Epoxy Coated	7060092	37,537.000	Lb
0580	Substructure Conc	7060100	223.000	Cyd
0590	Superstructure Conc	7060110	14.000	Cyd
0600	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0610	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0620	Superstructure Conc, Night Casting	7060113	79.000	Cyd
0630	_ Structure Name Plate	7067050	1.000	Ea
0640	Bearing, Elastomeric, 1 inch	7070012	2,255.000	Sin
0650	Bearing, Elastomeric, 1 1/4 inch	7070013	2,255.000	Sin
0660	Prest Conc Deck, 27 inch	7080004	2,466.000	Sft
0670	Post Tensioning	7080015	1.000	LSUM
0680	Joint Waterproofing	7100001	191.000	Sft

0690	Joint Waterproofing, Expansion	7100003	106.000	Sft
0700	_ Silane Treatment	7107010	1,100.000	Sft
0710	Bridge Railing, 2 Tube	7110008	122.000	Ft
0720	Riprap, Heavy	8130005	500.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 066

Letting Date: May 3, 2019

Contract ID: 25000-130625

Description: 1.00 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, trench widening, limestone shoulders and culverts on Seymour Road from Cook Road to Grand Blanc Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130625A	1900593	N/A	STL 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	8.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	12.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	45.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	6.000	Ft
0060	_ Pavt, Rem, Modified	2047011	848.000	Syd
0070	Embankment, CIP	2050010	882.000	Cyd
0080	Excavation, Earth	2050016	2,601.000	Cyd
0090	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0100	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0110	Aggregate Base, Conditioning	3020051	50.000	Sta
0120	_ Aggregate Base, Modified	3027031	3,329.000	Ton
0130	_ HMA Base Crushing and Shaping, Modified	3057011	14,499.000	Syd
0140	_ Maintenance Gravel, Modified	3067031	200.000	Ton
0150	_ Trenching, Modified	3077002	101.000	Sta
0160	_ Approach, CI II, Modified	3077031	550.000	Ton
0170	_ Shoulder, CI II, Modified	3077031	1,729.000	Ton
0180	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0190	Culv End Sect, Metal, 24 inch	4010098	2.000	Ea
0200	Culv, CI A, CSP, 24 inch	4010202	49.000	Ft
0210	Culv, CI F, 12 inch	4010607	1,060.000	Ft
0220	Culv, CI F, 18 inch	4010609	32.000	Ft
0230	Culv, CI F, 24 inch	4010610	36.000	Ft
0240	Culv, CSP Arch, CI A, 35 inch by 24 inch	4010747	58.000	Ft
0250	Culv, CSP Arch, CI A, 49 inch by 33 inch	4010749	49.000	Ft
0260	Culv, Slp End Sect, Arch Pipe, 1 on 4, 49 inch by 33 inch, Transv	4010992	2.000	Ea
0270	Dr Marker Post	4011109	8.000	Ea

0280	Sewer, CI A, 12 inch, Tr Det A	4020004	16.000	Ft
0290	Sewer Tap, 12 inch	4021204	1.000	Ea
0300	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0310	Dr Structure Cover, Type B	4030010	1.000	Ea
0320	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0330	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0350	Cold Milling HMA Surface	5010002	1,033.000	Syd
0360	HMA, 13A	5010033	4,182.000	Ton
0370	_ HMA Residential Approach	5017011	275.000	Syd
0380	_ Conc Residential Approach	8017011	140.000	Syd
0390	Post, Mailbox	8070095	47.000	Ea
0400	Fence, Moving	8080120	387.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,250.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,425.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,250.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,425.000	Ft
0460	Recessing Pavt Mrkg, Longit	8110450	12,675.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0490	Dust Palliative, Applied	8120100	31.000	Ton
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	500.000	Ft
0520	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,000.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0550	Sign Cover	8120310	10.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	125.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	125.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	_ Turf Establishment, Performance	8167011	5,000.000	Syd
0620	_ Monument Preservation, Special	8217050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 067

Letting Date: May 3, 2019

Contract ID: 35000-202418

Description: Removal of hot mix asphalt surface and asbestos membrane, placement of waterproofing membrane and hot mix asphalt resurfacing, expansion joints and pavement markings on F-41 over Van Ettan Creek, on Rea Road over the AuSable River and on Kings Corner Road over the Pine River, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202418A	1900605	N/A	BHT 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,500.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	800.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,415.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	802.000	Ft
0050	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0060	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	113.000	Ft
0110	Plastic Drum, High Intensity, Lighted, Furn	8120260	140.000	Ea
0120	Plastic Drum, High Intensity, Lighted, Oper	8120261	140.000	Ea
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	54.000	Ft
0140	PTS System, Temp, Furn	8120270	2.000	Ea
0150	PTS System, Temp, Oper	8120271	2.000	Ea
0160	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0170	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	742.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	742.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0210	Asbestos Materials, Rem and Disposal	2040001	30,000.000	Dlr
0220	HMA, 13A	5010033	300.000	Ton
0230	_ HMA Surface, Rem, Modified	5017011	2,345.000	Syd
0240	Conc, Grade D	7060010	48.000	Cyd

0250	Expansion Joint Device	7060050	277.000	Ft
0260	Expansion Joint Device, Cover Plate	7060051	8.000	Ft
0270	False Decking	7060060	8,410.000	Sft
0280	Reinforcement, Steel, Epoxy Coated	7060092	1,879.000	Lb
0290	Membrane, Preformed Waterproofing	7100008	15,125.000	Sft
0300	_ Silane Treatment	7107010	10,391.000	Sft
0310	Hand Chipping, Other Than Deck	7120007	103.000	Cft
0320	Patching Mortar or Conc	7120015	4.000	Cyd
0330	Patch, Forming	7120017	433.000	Sft
0340	Deck Joint, Rem	7120071	278.000	Ft
0350	Reinforcement, Mechanical Splice	7120084	24.000	Ea
0360	Embedded Galvanic Anode	7120120	112.000	Ea
0370	_ Hand Chipping, Full Depth	7127020	351.000	Cft
0380	Steel Structure, Cleaning, Partial, Type 4	7150047	1.000	LSUM
0390	Steel Structure, Coating, Partial, Type 4	7150048	1.000	LSUM
0400	Drain Casting, Type 1	7170001	28.000	Ea
0410	Drain Casting Assembly	7170010	28.000	Ea
0420	Riprap, Heavy	8130005	118.000	Syd
0430	_ Flowable Fill	8267021	24.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 190503 068

Letting Date: May 3, 2019

Contract ID: 27555-130461

Description: 2.63 mi of hot mix asphalt crushing and shaping, aggregate base, guardrail and shoulder gravel on Lake Road from west of Partridge Road to Brace Road, Gogebic County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130461A	1900602	N/A	STL 27555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	213.000	Ft
0030	Aggregate Base, 4 inch	3020010	35,695.000	Syd
0040	HMA Base Crushing and Shaping	3050002	41,488.000	Syd
0050	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0060	Approach, CI II, 3 inch	3070025	991.000	Syd
0070	Shoulder, CI II, 3 inch	3070125	6,252.000	Syd
0080	HMA Surface, Rem	5010005	159.000	Syd
0090	HMA Approach	5010061	28.000	Ton
0100	HMA, LVSP	5010703	5,833.000	Ton
0110	Guardrail, Type B	8070000	150.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0130	Guardrail Reflector	8070080	8.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,820.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,600.000	Ft
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	3,727.000	Ft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	356.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	356.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190503 069

Letting Date: May 3, 2019

Contract ID: 55000-133096

Description: Bridge reconstruction with 17-inch prestressed concrete box beam, hot mix asphalt paving, aggregate base, riprap, slope restoration and approach work on County Road 551 (C-1) over Ten Mile Creek, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133096A	1900594	N/A	BO 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Embankment, CIP	2050010	40.000	Cyd
0040	Excavation, Earth	2050016	760.000	Cyd
0050	Erosion Control, Filter Bag	2080014	2.000	Ea
0060	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0070	Subbase, CIP	3010002	323.000	Cyd
0080	Aggregate Base	3020001	155.000	Ton
0090	Aggregate Base, 8 inch	3020020	746.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	80.000	Syd
0110	HMA, LVSP	5010703	110.000	Ton
0120	Post, Steel, 3 lb	8100371	48.000	Ft
0130	Sign, Type IIIB	8100405	12.000	Sft
0140	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0150	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	72.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	72.000	Ea
0190	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0200	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	253.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	253.000	Sft
0230	_ Slope Restoration, Modified	8167011	800.000	Syd

Section: 2

0240	Structures, Rem	2040060	1.000	LSUM
0250	Backfill, Structure, CIP	2060002	90.000	Cyd

0260	Excavation, Fdn	2060010	254.000	Cyd
0270	Excavation, Rock Fdn	2060011	16.000	Cyd
0280	Underdrain, Fdn, 4 inch	4040031	184.000	Ft
0290	Cofferdams	7040007	1.000	LSUM
0300	Conc, Grade T	7060013	37.000	Cyd
0310	Expansion Joint Device	7060050	57.000	Ft
0320	Reinforcement, Steel, Epoxy Coated	7060092	11,138.000	Lb
0330	Substructure Conc	7060100	35.000	Cyd
0340	Superstructure Conc	7060110	58.000	Cyd
0350	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0360	Bearing, Elastomeric, 2 inch	7070016	2,398.000	Sin
0370	Post Tensioning	7080015	1.000	LSUM
0380	Prest Conc Box Beam, Furn, 17 inch	7080055	430.000	Ft
0390	Prest Conc Box Beam, Erect, 17 inch	7080056	430.000	Ft
0400	Joint Waterproofing	7100001	216.000	Sft
0410	Bridge Railing, 2 Tube	7110008	64.000	Ft
0420	_ Structures, Temp, Modified	7147051	1.000	LSUM
0430	_ Structures, Temp, Rem, Modified	7147051	1.000	LSUM
0440	_ Riprap, Special, Class I	8137031	40.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 190503 070

Letting Date: May 3, 2019

Contract ID: 81000-201104

Description: 0.53 mi of hot mix asphalt shared use path, concrete sidewalk, earthwork, signing and pavement markings along Huron River Drive from Clark Road north to just past McAully Drive, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201104A	1900586	N/A	TAU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	31.000	Ea
0030	Curb, Rem	2040021	111.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0050	Erosion Control, Silt Fence	2080036	3,987.000	Ft
0060	Open-Graded Dr Cse, CIP	3030030	1,146.000	Cyd
0070	Geotextile, Separator	3080005	5,375.000	Syd
0080	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0090	Underdrain, Subbase, 4 inch	4040061	1,725.000	Ft
0100	_ Underdrain Outlet, 4 inch, Modified	4047001	148.000	Ft
0110	_ Underdrain, Outlet Ending, 4 inch, Modified	4047050	6.000	Ea
0120	HMA Surface, Rem	5010005	120.000	Syd
0130	Detectable Warning Surface	8030010	80.000	Ft
0140	Curb Ramp Opening, Conc	8030030	124.000	Ft
0150	Sidewalk Ramp, Conc, 6 inch	8030036	894.000	Sft
0160	Shared use Path, Grading	8060030	2,669.000	Ft
0170	_ Shared use Path, Aggregate, Modified	8067031	1,544.000	Ton
0180	_ Shared use Path, HMA, Modified	8067031	561.000	Ton
0190	Post, Steel, 3 lb	8100371	80.000	Ft
0200	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0210	Sign, Type III, Rem	8100403	1.000	Ea
0220	Sign, Type IIIA	8100404	16.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	248.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	50.000	Ft
0250	Channelizing Device, 42 inch, Furn	8120030	10.000	Ea
0260	Channelizing Device, 42 inch, Oper	8120031	10.000	Ea
0270	Lighted Arrow, Type B, Furn	8120130	1.000	Ea

0280	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Turf Establishment, Performance	8167011	4,065.000	Syd
0340	Light Std Fdn	8190279	1.000	Ea
0350	Light Std Fdn, Rem	8190280	1.000	Ea
0360	Light Std Shaft, Install Salv	8190301	1.000	Ea
0370	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0380	_ Landscape Light, Relocate	8197050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 071

Letting Date: May 3, 2019

Contract ID: 68555-130322

Description: 0.99 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, aggregate shoulders, signing and pavement markings on Mount Tom Road from M-33 to Miller Road and on Miller Road from west of Mount Tom Road to M-33, Oscoda County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130322A	1900461	N/A	EMRP 68555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	250.000	Ft
0030	_ Aggregate Base, Modified	3027031	820.000	Ton
0040	HMA Base Crushing and Shaping	3050002	17,516.000	Syd
0050	Approach, CI II	3070021	81.000	Ton
0060	_ Approach CI I, Modified	3077031	140.000	Ton
0070	_ Shoulder CI II, Modified	3077031	1,195.000	Ton
0080	HMA Approach	5010061	225.000	Ton
0090	HMA, LVSP	5010703	2,600.000	Ton
0100	_ HMA Valley Gutter	5017001	230.000	Ft
0110	Curb and Gutter, Conc, Det B2	8020016	270.000	Ft
0120	Fdn, Wood Support, Rem	8100280	9.000	Ea
0130	Post, Steel, 3 lb	8100371	494.000	Ft
0140	Sign, Type IIB	8100399	22.000	Sft
0150	Sign, Type IIIA	8100404	46.000	Sft
0160	Sign, Type IIIB	8100405	117.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0180	_ Sign, Type III, Rem, Modified	8107050	21.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,968.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,072.000	Ft
0210	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0220	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	402.000	Ft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,040.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,040.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Riprap, Plain	8130010	45.000	Syd
0310	Paved Ditch, HMA	8140010	40.000	Syd
0320	_ Slope Restoration	8167002	6.000	Sta
0330	Monument Box	8210001	1.000	Ea
0340	Monument Preservation	8210010	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190503 072

Letting Date: May 3, 2019

Contract ID: 31000-204461

Description: 0.01 mi of culvert replacement with precast three-sided or arch culvert, cofferdams, steel sheet piling, steel piling, drainage, concrete curb and gutter and guardrail on Paradise Road over the Pilgrim River, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204461A	1900641	N/A	ER 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$191,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.290	Acre
0030	Embankment, CIP	2050010	1,400.000	Cyd
0040	Excavation, Earth	2050016	7,730.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	180.000	Ft
0060	Erosion Control, Silt Fence	2080036	3,450.000	Ft
0070	Erosion Control, Turbidity Curtain, Deep	2080042	400.000	Ft
0080	Subbase, CIP	3010002	2,881.000	Cyd
0090	Aggregate Base, 8 inch	3020020	7,529.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	1,180.000	Syd
0110	HMA Surface, Rem	5010005	4,735.000	Syd
0120	Hand Patching	5010025	6.000	Ton
0130	HMA, 4E1	5010050	498.000	Ton
0140	HMA, 5E1	5010056	498.000	Ton
0150	Curb and Gutter, Conc, Det B2	8020016	93.000	Ft
0160	Guardrail, Type B	8070000	732.000	Ft
0170	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0180	Guardrail, Salv	8070075	766.000	Ft
0190	Post, Steel, 3 lb	8100371	238.000	Ft
0200	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0210	Sign, Type I, Rem	8100391	11.000	Ea
0220	Sign, Type IIIA	8100404	7.000	Sft
0230	Sign, Type IIIB	8100405	18.000	Sft
0240	Sign, Type VB	8100425	32.000	Sft
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,400.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,400.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	150.000	Ft
0300	Riprap, Plain	8130010	200.000	Syd
0310	_ Slope Restoration, Modified	8167011	5,550.000	Syd
0320	Contractor Staking	8240001	1.000	LSUM
0330	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0340	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0350	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0360	Structures, Rem	2040060	1.000	LSUM
0370	Backfill, Structure, CIP	2060002	1,410.000	Cyd
0380	Excavation, Fdn	2060010	35.000	Cyd
0390	Underdrain, Fdn, 4 inch	4040031	160.000	Ft
0400	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0410	Culv, Precast Three-Sided or Arch, 42 foot by 11 foot	4060247	45.000	Ft
0420	Steel Sheet Piling, Permanent	7040001	5,519.000	Sft
0430	Cofferdams	7040007	1.000	LSUM
0440	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0450	Pile, Steel, Furn and Driven, 12 inch	7050030	1,105.000	Ft
0460	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0470	Pile Point, Steel	7050039	26.000	Ea
0480	Pile, Steel, Splice	7050050	26.000	Ea
0490	Conc, Grade T	7060013	47.000	Cyd
0500	Reinforcement, Steel, Epoxy Coated	7060092	4,530.000	Lb
0510	Substructure Conc	7060100	59.000	Cyd
0520	Membrane, Preformed Waterproofing	7100008	2,715.000	Sft
0530	_ Riprap, Special, Class II	8137031	835.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 190503 073

Letting Date: May 3, 2019

Contract ID: 82000-203522

Description: 1.13 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, culverts, sidewalk ramps, drainage, signing, guardrail and pavement markings on Pennsylvania Road from east of Fort Street (M-85) to the railroad crossing in the cities of Riverview, Wyandotte and Southgate, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203522A	1900582	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$95,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	220.000	Ft
0030	Guardrail, Rem	2040035	30.000	Ft
0040	Pavt, Rem	2040050	766.000	Syd
0050	Sidewalk, Rem	2040055	156.000	Syd
0060	_ Misc Culvert Cleanout	2047001	118.000	Ft
0070	_ Misc Obstruction, Rem	2047021	13.000	Cyd
0080	Excavation, Earth	2050016	230.000	Cyd
0090	_ Ditch Cleanout, Modified	2057002	4.000	Sta
0100	_ Embankment, CIP, Modified	2057021	2.000	Cyd
0110	_ Misc Subgrade Undercutting, Type IV	2057021	102.000	Cyd
0120	_ Subgrade Undercutting, Type I, Modified	2057021	34.000	Cyd
0130	_ Subgrade Undercutting, Type II, Modified	2057021	34.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	5.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0170	Project Cleanup	2090001	1.000	LSUM
0180	_ Aggregate Base, 6 inch, Modified	3027011	298.000	Syd
0190	_ Aggregate Base, 9 inch, Modified	3027011	707.000	Syd
0200	_ Shoulder, CI I, 2 inch, Modified	3077011	850.000	Syd
0210	Geotextile, Stabilization	3080010	510.000	Syd
0220	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0230	Culv, CI A, Conc, 12 inch	4010165	9.000	Ft
0240	Dr Structure, Cleaning	4030290	13.000	Ea
0250	Dr Structure, Temp Lowering	4030390	6.000	Ea
0260	_ Misc Structure Reconstruct	4037001	10.000	Ft
0270	_ Misc San Structure Cover, Adj	4037050	4.000	Ea

0280	_ Misc Structure Cover, Adj	4037050	18.000	Ea
0290	_ Misc Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0300	_ Misc Structure Cover, Adj, Furn Cover S	4037050	3.000	Ea
0310	Pavt, Cleaning	5010001	1.000	LSUM
0320	Cold Milling HMA Surface	5010002	23,807.000	Syd
0330	HMA Surface, Rem	5010005	26.000	Syd
0340	Pavt Joint and Crack Repr, Det 8	5010021	218.000	Ft
0350	Hand Patching	5010025	20.000	Ton
0360	HMA, 4E10	5010052	2,965.000	Ton
0370	HMA, 5E10	5010058	2,100.000	Ton
0380	HMA Approach	5010061	71.000	Ton
0390	_ Misc Bit Mixture for Patching, Temp	5017031	10.000	Ton
0400	_ Misc Conditioning Existing Pavement	5017031	300.000	Ton
0410	_ Misc Conc Pavt, Nonreinf, ISC-3, 8 inch	6027011	766.000	Syd
0420	Cold Milling Conc Pavt	6030014	88.000	Syd
0430	Joint, Expansion, Erg	6030021	40.000	Ft
0440	Lane Tie, Epoxy Anchored	6030030	200.000	Ea
0450	_ Misc Conc Curb Cap	8027001	50.000	Ft
0460	_ Misc Conc Curb Cap, Patching	8027001	120.000	Ft
0470	Detectable Warning Surface	8030010	177.000	Ft
0480	Curb Ramp Opening, Conc	8030030	200.000	Ft
0490	Sidewalk Ramp, Conc, 4 inch	8030034	805.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	250.000	Sft
0510	_ Misc Field Office	8097043	3.000	Mo
0520	_ Misc Sign, Type B, Perm	8107010	225.000	Sft
0530	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	125.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	200.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	150.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, Xing ["R" Legend]	8110047	1.000	Ea
0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	200.000	Ft
0580	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,000.000	Ft
0590	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	9,200.000	Ft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0620	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
0630	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	100.000	Ft
0680	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,000.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft

0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0710	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0730	Sign Cover	8120310	10.000	Ea
0740	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0750	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	1,178.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	1,178.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	224.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	224.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	Topsoil Surface, Furn, 2 inch	8160060	1,225.000	Syd
0820	Water, Sodding/Seeding	8160090	32.000	Unit
0830	_ Misc Turf Grading	8167011	40.000	Syd
0840	_ Sodding, Modified	8167011	700.000	Syd
0850	Monument Box Adjust	8210005	3.000	Ea
0860	Monument Preservation	8210010	2.000	Ea
0870	Protect Corners	8210020	2.000	Ea
0880	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0890	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0900	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0910	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0920	_ Contractor Staking, Modified	8247051	1.000	LSUM
0930	_ Railroad Protection, at Grade Crossing	8507060	30,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190503 074

Letting Date: May 3, 2019

Contract ID: 82000-203521

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, concrete curb, gutter and ADA ramps, joint repair, ditch cleanout and pavement markings on Merriman Road from Ecorse Road to Van Born Road in the city of Romulus, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203521A	1900590	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	354.000	Ft
0030	Sidewalk, Rem	2040055	156.000	Syd
0040	_ Misc Culvert Cleanout	2047001	360.000	Ft
0050	_ Misc Pavt, Rem, Patching	2047011	2,000.000	Syd
0060	_ Embankment, CIP, Modified	2047021	50.000	Cyd
0070	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0080	_ Ditch Cleanout, Modified	2057002	20.000	Sta
0090	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0120	Project Cleanup	2090001	1.000	LSUM
0130	Dr Structure, Cleaning	4030290	6.000	Ea
0140	Dr Structure, Temp Lowering	4030390	23.000	Ea
0150	_ Misc Structure Reconstruct	4037001	25.000	Ft
0160	_ Misc San Structure Cover, Adj, Furn Cover	4037050	1.000	Ea
0170	_ Misc Structure Cover, Adj	4037050	56.000	Ea
0180	_ Misc Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0190	_ Misc Structure Cover, Adj, Furn Cover C	4037050	1.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover S	4037050	3.000	Ea
0210	Cold Milling HMA Surface	5010002	14,286.000	Syd
0220	Pavt Joint and Crack Repr, Det 8	5010021	200.000	Ft
0230	Hand Patching	5010025	22.000	Ton
0240	HMA, 5E10	5010058	1,293.000	Ton
0250	_ Misc Bit Mixture for Patching, Temp	5017031	20.000	Ton
0260	_ Misc Conditioning Existing Pavement	5017031	300.000	Ton
0270	Joint, Contraction, Cp	6020200	800.000	Ft

0280	Joint, Expansion, E2	6020207	120.000	Ft
0290	Crack Sealing, Conc Pavt	6030010	500.000	Ft
0300	Lane Tie, Epoxy Anchored	6030030	260.000	Ea
0310	Sawing and Sealing Longit Pavt Joints	6030095	600.000	Ft
0320	Sawing and Sealing Trans Pavt Joints	6030096	660.000	Ft
0330	_ Bump Grinding, Modified	6037011	200.000	Syd
0340	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	2,000.000	Syd
0350	Curb and Gutter, Conc, Det F3	8020037	300.000	Ft
0360	_ Misc Conc Curb Cap	8027001	100.000	Ft
0370	_ Misc Conc Curb Cap, Patching	8027001	370.000	Ft
0380	Detectable Warning Surface	8030010	50.000	Ft
0390	Curb Ramp Opening, Conc	8030030	90.000	Ft
0400	Sidewalk Ramp, Conc, 4 inch	8030034	120.000	Sft
0410	_ Sidewalk Ramp, Conc, 8 inch	8037010	725.000	Sft
0420	_ Misc Field Office	8097043	3.000	Mo
0430	_ Misc Sign, Type B, Perm	8107010	140.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	750.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	350.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,000.000	Ft
0480	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	13,000.000	Ft
0490	Rem Spec Mrkg	8110343	500.000	Sft
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,100.000	Ft
0580	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,100.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,100.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,100.000	Ft
0610	Plastic Drum, High Intensity, Furn	8120250	320.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	320.000	Ea
0630	Sign Cover	8120310	6.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	683.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	683.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0680	Traf Regulator Control	8120370	1.000	LSUM
0690	Topsoil Surface, Furn, 2 inch	8160060	1,794.000	Syd

0700	Water, Sodding/Seeding	8160090	97.000	Unit
0710	Slope Restoration, Type A	8160100	200.000	Syd
0720	_ Sodding, Modified	8167011	1,794.000	Syd
0730	Monument Box Adjust	8210005	1.000	Ea
0740	Monument Preservation	8210010	1.000	Ea
0750	Monument Preservation, Vertical	8210015	1.000	Ea
0760	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea
0770	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0780	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
0790	Staking Plan Errors and Extras, Three Person	8240022	18.000	Hr
0800	_ Contractor Staking, Modified	8247051	1.000	LSUM



4/11/2019 4:20 PM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 075**Letting Date:** May 3, 2019**Contract ID:** 58151-128058

Description: Bridge rehabilitation including epoxy overlay, concrete deck, barrier and substructure patching, replacement and rehabilitation of expansion joints, structural steel repairs and partial cleaning and coating of the structural steel on I-75 over inactive Port of Monroe Railroad, Front Street, the Raisin River and Elm Avenue in the city of Monroe, Monroe County. This project includes a 5 year performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128058A	1900676	N/A	IM 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$680,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	303.000	Ft
0040	Conc Barrier, Rem	2040010	1,653.000	Ft
0050	Pavt, Rem	2040050	4,140.000	Syd
0060	Excavation, Earth	2050016	380.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0080	Aggregate Base, 6 inch	3020016	2,070.000	Syd
0090	Sewer, CI E, 12 inch, Tr Det B	4020600	303.000	Ft
0100	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0110	Dr Structure Cover, Type DX	4030030	3.000	Ea
0120	Dr Structure Lead, Cleaning, 12 inch	4030112	600.000	Ft
0130	Dr Structure, 48 inch dia	4030210	3.000	Ea
0140	Dr Structure, Cleaning	4030290	8.000	Ea
0150	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0160	Dr Structure, Temp Lowering	4030390	6.000	Ea
0170	HMA, 3E10	5010046	684.000	Ton
0180	HMA, 4E10	5010052	228.000	Ton
0190	Conc Pavt, Curing Horizontal Surfaces	6020159	1,642.000	Syd
0200	Joint, Contraction, C3p	6020201	1,211.000	Ft
0210	Shoulder, Nonreinf Conc	6020222	421.000	Syd
0220	Reflective Marker, Permanent Barrier	7110003	66.000	Ea
0230	_ Valley Gutter, Conc, Modified	8027001	354.000	Ft
0240	_ Valley Gutter, Conc, Spec	8027001	2,560.000	Ft
0250	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	1,653.000	Ft

0260	_ Light Std Fdn, Conc Barrier, Modified, 0-2 Foot	8047050	3.000	Ea
0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,410.000	Ft
0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	12,480.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,510.000	Ft
0300	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0310	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	8,000.000	Ft
0320	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	255.000	Ft
0330	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	835.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	36.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	36.000	Ea
0360	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0370	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea
0380	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
0390	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
0400	Conc Barrier, Temp, Adj	8120080	3,554.000	Ft
0410	Conc Barrier, Temp, Furn	8120081	5,168.000	Ft
0420	Conc Barrier, Temp, Oper	8120082	5,168.000	Ft
0430	Conc Barrier, Temp, Relocated	8120083	11,192.000	Ft
0440	High Intensity Light, Type B, Furn	8120110	8.000	Ea
0450	High Intensity Light, Type B, Oper	8120111	8.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0480	Ltg for Night Work	8120160	1.000	LSUM
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Mobile Attenuator	8120180	2.000	Ea
0510	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	19,344.000	Ft
0520	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,200.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	63,600.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	51,000.000	Ft
0550	Plastic Drum, Fluorescent, Furn	8120252	365.000	Ea
0560	Plastic Drum, Fluorescent, Oper	8120253	365.000	Ea
0570	Sign Cover	8120310	20.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0590	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0600	Sign, Type A, Temp, Prismatic, Furn	8120340	418.000	Sft
0610	Sign, Type A, Temp, Prismatic, Oper	8120341	418.000	Sft
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	2,434.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	2,434.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	933.000	Sft

0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	933.000	Sft
0660	_ Temp Rumble Strips (Orange)	8127001	3,888.000	Ft
0670	_ Heavy Duty Wrecker	8127050	1.000	Ea
0680	_ Light Duty Wrecker	8127050	1.000	Ea
0690	_ Medium Duty Wrecker	8127050	1.000	Ea
0700	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
0710	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0720	Conduit, Rem	8190140	100.000	Ft
0730	Conduit, Schedule 80 PVC, 3 inch	8190159	780.000	Ft
0740	DB Cable, in Conduit, 600V, 1/C#6	8190211	2,340.000	Ft
0750	DB Cable, in Conduit, Rem	8190220	670.000	Ft
0760	Cable, Equipment Grounding Wire, 1/C#6	8190236	780.000	Ft
0770	Hh, Heavy Duty Cover	8190246	1.000	Ea
0780	Hh, Rem	8190254	1.000	Ea
0790	Light Std Arm, 8 foot	8190266	4.000	Ea
0800	Light Std Arm, 12 foot	8190268	2.000	Ea
0810	Light Std Shaft, 31 foot to 40 foot	8190286	3.000	Ea
0820	_ Luminaire, Roadway	8197050	6.000	Ea
0830	Contractor Staking	8240001	1.000	LSUM
0840	Staking Plan Errors and Extras, One Person	8240020	57.000	Hr
0850	Staking Plan Errors and Extras, Two Person	8240021	23.000	Hr
0860	Staking Plan Errors and Extras, Three Person	8240022	34.000	Hr

Section: 2

0870	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0880	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0890	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0900	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0910	Dispute Review Board, Progress Meeting	1040050	14,000.000	Dlr
0920	_ Maintaining Navigation (R03 of 58151)	1077051	1.000	LSUM
0930	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0940	_ Flowable Fill	2057021	3.000	Cyd
0950	Erosion Control, Silt Fence	2080036	400.000	Ft
0960	Joint, Pressure Relief	6020213	229.000	Ft
0970	_ High Performance Biaxial Geogrid	7007011	159.000	Syd
0980	Expansion Joint Device	7060050	225.000	Ft
0990	False Decking	7060060	45,367.000	Sft
1000	Reinforcement, Steel, Epoxy Coated	7060092	23,313.000	Lb
1010	_ Strip Seal Gland Replacement	7067001	940.000	Ft
1020	_ Conc, Deck Joint Replacement	7067021	102.000	Cyd
1030	Bushing	7070030	64.000	Ea
1040	Structural Steel, Mixed, Erect	7070050	14,570.000	Lb
1050	Structural Steel, Mixed, Furn and Fab	7070051	14,570.000	Lb

1060	_ Structural Steel Sole Plate, Rem, Salv and Re-Erect	7077050	48.000	Ea
1070	Hand Chipping, Other Than Deck	7120007	609.000	Cft
1080	Patch, Forming	7120017	1,218.000	Sft
1090	Structures, Rehabilitation, Rem Portions (R03 of 58151)	7120070	1.000	LSUM
1100	Deck Joint, Rem	7120071	227.000	Ft
1110	Flushing Cracks, Water	7120098	537.000	Ft
1120	Structural Crack, Repr	7120099	537.000	Ft
1130	Patching Conc, C-L	7120112	21.000	Cyd
1140	Embedded Galvanic Anode	7120120	769.000	Ea
1150	_ Priority 1, Epoxy Ovly, Warranty	7127011	11,105.000	Syd
1160	_ Conc, Deck Surface Repr	7127021	2.000	Cyd
1170	_ Bolt, Adhesive Anchored, 1 1/4 inch	7127050	70.000	Ea
1180	_ Support, Temp, Spec	7127050	16.000	Ea
1190	Beam Plate, Seal Perimeter	7130010	51,456.000	Ft
1200	Cutting Beam Ends, Simple Span	7130020	40.000	Ea
1210	Hanger Assembly, Field Measurement	7130030	16.000	Ea
1220	Hanger Assembly, Rem and Erect	7130031	16.000	Ea
1230	Rocker, Realign	7130050	37.000	Ea
1240	Structural Steel, Furn and Fab, Pin and Hanger	7130070	15,420.000	Lb
1250	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	279,416.000	Lb
1260	Support, Column, Temp	7130080	23.000	Ea
1270	Support, Diaphragm, Temp	7130081	117.000	Ea
1280	_ Pack Rust Repair	7137001	82.000	Ft
1290	_ Temp Ground Protection	7137010	3,000.000	Sft
1300	_ Bearing, Field Measurement	7137050	8.000	Ea
1310	_ Support, Temp, Special, Type 2	7137050	4.000	Ea
1320	End Diaphragm, Rem and Replace	7150010	49.000	Ea
1330	Steel Structure, Cleaning, Partial, Type 4 (R03 of 58151)	7150047	1.000	LSUM
1340	Steel Structure, Coating, Partial, Type 4 (R03 of 58151)	7150048	1.000	LSUM
1350	Field Repair of Damaged Coating (R03 of 58151)	7160001	1.000	LSUM
1360	Drain Casting, Type 1	7170001	4.000	Ea
1370	Drain Casting, Type 2	7170002	4.000	Ea
1380	Drain Casting Assembly	7170010	8.000	Ea
1390	Fence, Protective	8080007	1,000.000	Ft
1400	Slope Paving Header	8130015	56.000	Ft
1410	Slope Paving, Conc	8130020	26.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190503 076

Letting Date: May 3, 2019

Contract ID: 82071-110519

Description: 0.08 mi of road reconstruction including hot mix asphalt resurfacing, concrete curb, gutter and sidewalks, watermain replacement, removal of existing railroad structure, construction of box culvert and pavement markings on M-85 over future shared use path and the Detroit River in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110519A	1900668	N/A	BRT 82071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Relocation and Site Cleanup	1077051	1.000	LSUM
0020	Mobilization, Max \$298,200.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.150	Acre
0040	Fence, Rem	2040025	100.000	Ft
0050	Pavt, Rem	2040050	2,391.000	Syd
0060	Sidewalk, Rem	2040055	483.000	Syd
0070	Track, Rem	2040065	1,568.000	Ft
0080	Exploratory Investigation, Vertical	2040080	250.000	Ft
0090	Embankment, CIP	2050010	2,400.000	Cyd
0100	Excavation, Earth	2050016	3,650.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	6,380.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0150	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0160	Erosion Control, Silt Fence	2080036	2,100.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0180	Subbase, CIP	3010002	3,010.000	Cyd
0190	Aggregate Base, 6 inch	3020016	268.000	Syd
0200	Aggregate Base, 8 inch	3020020	3,354.000	Syd
0210	Dr Marker Post	4011109	2.000	Ea
0220	Steel Casing Pipe, 16 inch, Jacked in Place	4011122	124.000	Ft
0230	Dr Structure Cover, Adj, Case 1, Modified	4030004	5.000	Ea
0240	Dr Structure Cover, Type Q	4030065	2.000	Ea
0250	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0260	Underdrain, Fdn, 6 inch	4040033	600.000	Ft

0270	Underdrain, Subbase, 6 inch	4040063	255.000	Ft
0280	Underdrain, Subgrade, 6 inch	4040073	385.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	325.000	Ft
0300	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0310	HMA Surface, Rem	5010005	2,234.000	Syd
0320	Conc Pavt, Curing Horizontal Surfaces	6020159	3,052.000	Syd
0330	Conc Quality Initiative	6020401	8,400.000	Dlr
0340	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	3,052.000	Syd
0350	_ Joint, Contraction, Cp, Modified	6027001	1,962.000	Ft
0360	_ Joint, Contraction, Trg, Modified	6027001	144.000	Ft
0370	Driveway, Nonreinf Conc, 8 inch	8010007	100.000	Syd
0380	Curb and Gutter, Conc, Det C5	8020024	586.000	Ft
0390	Driveway Opening, Conc, Det M	8020050	252.000	Ft
0400	Sidewalk, Conc, 6 inch	8030046	4,020.000	Sft
0410	Sidewalk, Conc, 8 inch	8030048	1,734.000	Sft
0420	Conc Barrier, Single Face, Type C	8040003	60.000	Ft
0430	Fence, Chain Link, 72 inch	8080013	150.000	Ft
0440	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	2.000	Ea
0450	Post, Steel, 3 lb	8100371	28.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0470	Sign, Type III, Rem	8100403	5.000	Ea
0480	Sign, Type IIIA	8100404	2.000	Sft
0490	Sign, Type IIIB	8100405	23.000	Sft
0500	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0510	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	192.000	Ft
0520	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	48.000	Ft
0530	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,600.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,000.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,600.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,000.000	Ft
0570	_ Scarification, for Polyurea Spec Mrkg	8117010	192.000	Sft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0600	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0610	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0620	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0630	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0640	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,600.000	Ft
0680	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0690	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea

0700	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0710	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	650.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	650.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0760	Slope Restoration, Type A	8160100	1,387.000	Syd
0770	Slope Restoration, Type B	8160101	736.000	Syd
0780	Slope Restoration, Type C	8160102	508.000	Syd
0790	Cable, Rem	8190016	1,080.000	Ft
0800	Conduit, DB, 1, 4 inch	8190030	160.000	Ft
0810	Conduit, Rem	8190140	160.000	Ft
0820	Conduit, Schedule 80 PVC, 3 inch	8190159	505.000	Ft
0830	Conduit, Schedule 80 PVC, 4 inch	8190161	1,935.000	Ft
0840	DB Cable, in Conduit, 600V, 1/C#2	8190201	2,595.000	Ft
0850	DB Cable, in Conduit, 600V, 1/C#10	8190213	600.000	Ft
0860	Cable, Equipment Grounding Wire, 1/C#10	8190238	300.000	Ft
0870	Hh, Heavy Duty Cover	8190246	6.000	Ea
0880	Light Std Arm, Install Salv	8190276	6.000	Ea
0890	Light Std Arm, Rem and Salv	8190278	6.000	Ea
0900	Light Std Fdn	8190279	6.000	Ea
0910	Light Std Fdn, Rem	8190280	6.000	Ea
0920	Light Std, Frangible Transformer Base	8190281	6.000	Ea
0930	Light Std Shaft, 31 foot to 40 foot	8190286	2.000	Ea
0940	Light Std Shaft, Install Salv	8190301	4.000	Ea
0950	Light Std Shaft, Rem	8190305	2.000	Ea
0960	Light Std Shaft, Rem and Salv	8190306	4.000	Ea
0970	Luminaire, Install Salv	8190350	6.000	Ea
0980	Luminaire, Rem and Salv	8190365	6.000	Ea
0990	_ Overhead, Rem	8197001	600.000	Ft
1000	_ Underground Residential Distribution Cable, 7KV, 3-1/C, 350MCM	8197001	645.000	Ft
1010	_ Hh, Replace Frame and Cover, Detroit Public Lighting Department	8197050	2.000	Ea
1020	_ Mh, Install (Detroit Public Ltg Department)	8197050	2.000	Ea
1030	_ Mh, Modified (Detroit Public Ltg Department)	8197050	2.000	Ea
1040	_ Splice Kit, 7KV, PILC-350MCM, Detroit Public Lighting Department	8197050	3.000	Ea
1050	Fire Hydrant	8230040	1.000	Ea
1060	Gate Valve and Box, 6 inch	8230051	1.000	Ea
1070	Gate Valve, 8 inch	8230062	1.000	Ea
1080	Gate Well, Abandon	8230075	1.000	Ea
1090	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1100	Water Main, DI, 6 inch, Tr Det G	8230151	18.000	Ft
1110	Water Main, DI, 8 inch, Tr Det G	8230156	144.000	Ft
1120	Water Main, DI, 12 inch, Tr Det G	8230166	70.000	Ft

1130	Water Serv	8230240	1.000	Ea
1140	Gate Well, 48 inch dia	8230348	2.000	Ea
1150	Gate Box, Adj, Case 1	8230431	2.000	Ea
1160	_ Water Main, DI 8 inch	8237001	124.000	Ft
1170	Contractor Staking	8240001	1.000	LSUM
1180	Staking Plan Errors and Extras, One Person	8240020	25.000	Hr
1190	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1200	Staking Plan Errors and Extras, Three Person	8240022	15.000	Hr

Section: 2

1210	Asbestos Materials, Rem and Disposal	2040001	165,400.000	Dlr
1220	Structures, Rem Portions (R06 of 82071)	2040061	1.000	LSUM
1230	Aggregate, 6A	2060001	55.000	Cyd
1240	Backfill, Structure, CIP	2060002	1,145.000	Cyd
1250	Excavation, Fdn	2060010	2,970.000	Cyd
1260	_ Block Units	2067010	570.000	Sft
1270	_ Geotextile Reinforcement	2067011	3,100.000	Syd
1280	_ Backfill, Structure, Special	2067021	25.000	Cyd
1290	_ Geosynthetic Reinf Soil Granular Fill	2067021	320.000	Cyd
1300	_ Reinf Soil Fdn Aggregate	2067021	27.000	Cyd
1310	_ Dewatering System, Excavation	2067050	1.000	Ea
1320	_ Conc Base Cse, Reinf, Modified	6027021	130.000	Cyd
1330	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	2,000.000	Sft
1340	_ Steel Sheet Piling, Temp, Special	7047010	1,400.000	Sft
1350	Reinforcement, Steel, Epoxy Coated	7060092	35,011.000	Lb
1360	Substructure Conc, High Performance	7060101	274.000	Cyd
1370	_ Texturing Conc	7067011	45.000	Syd
1380	_ Conc, Grade DM	7067021	32.000	Cyd
1390	_ Culv, Precast Conc Box, 20 foot x 14 foot	7087001	122.000	Ft
1400	Joint Waterproofing	7100001	1,775.000	Sft
1410	Joint Waterproofing, Expansion	7100003	130.000	Sft
1420	Conc Surface Coating (V01 of 82071)	7100010	1.000	LSUM
1430	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	250.000	Ft
1440	_ PVC Liner for Expanded Polystyrene Block	8007011	1,200.000	Syd
1450	_ Backfill, Expanded Polystyrene Block	8007021	5,100.000	Cyd
1460	_ Vibration Monitoring	8007051	1.000	LSUM
1470	_ Steel Gate	8087050	2.000	Ea
1480	_ Steel Fence	8087051	1.000	LSUM
1490	Conduit, Schedule 80 PVC, 1 inch	8190155	20.000	Ft
1500	Hh, Square	8190261	1.000	Ea
1510	Flowable Fill, Non-Structural	8260148	15.000	Cyd
1520	_ Railroad Protection	8507060	15,000.000	Dlr



4/11/2019 4:20 PM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190503 077**Letting Date:** May 3, 2019**Contract ID:** 31051-201165

Description: 5.28 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, replace culverts, concrete curb and gutter repairs, detail 7 and 8 joint repairs, aggregate shoulders, minor drainage improvements, upgrading sidewalk ramps and pavement markings on US-41 from south of 6th Street to north of Denton Road and from east of Isle Royale Street west to Bridge Street in the city of Houghton, Houghton County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201165A	1900678	N/A	NH 31051
205132A	1900697	N/A	NH 31051
205135A	1900536	N/A	ER 31051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$181,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0050	Curb and Gutter, Rem	2040020	365.000	Ft
0060	Pavt, Rem	2040050	209.000	Syd
0070	Sidewalk, Rem	2040055	208.000	Syd
0080	Exploratory Investigation, Vertical	2040080	40.000	Ft
0090	Ditch Cleanout	2050006	5.000	Sta
0100	Embankment, CIP	2050010	1,920.000	Cyd
0110	Excavation, Earth	2050016	2,314.000	Cyd
0120	Excavation, Rock	2050018	10.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	190.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0160	Erosion Control, Sand Bag	2080028	20.000	Ea
0170	Erosion Control, Silt Fence	2080036	400.000	Ft
0180	_ Permeable Runoff Structure	2087001	20.000	Ft
0190	Subbase, CIP	3010002	400.000	Cyd
0200	Aggregate Base, 6 inch	3020016	385.000	Syd
0210	Aggregate Base, Conditioning	3020050	453.000	Syd
0220	Maintenance Gravel	3060020	455.000	Ton
0230	Approach, CI I, 6 inch	3070008	248.000	Syd

0240	Approach, CI II	3070021	76.000	Ton
0250	Shoulder, CI II	3070121	1,100.000	Ton
0260	Shoulder, CI II, 4 inch	3070126	27.000	Syd
0270	Shoulder, CI II, 6 inch	3070128	11.000	Syd
0280	Culv End Sect, Conc, 84 inch	4010061	2.000	Ea
0290	Culv, CI E, 48 inch	4010546	58.000	Ft
0300	Culv, CI F, 18 inch	4010609	36.000	Ft
0310	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	2.000	Ea
0320	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0330	Outfall Label	4011115	1.000	Ea
0340	Sewer, CI E, 84 inch, Tr Det B	4020613	102.000	Ft
0350	Trench Undercut and Backfill	4021260	80.000	Cyd
0360	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0370	Dr Structure Cover, Type B	4030010	6.000	Ea
0380	Dr Structure Cover, Type E	4030035	1.000	Ea
0390	Dr Structure Cover, Type K	4030050	3.000	Ea
0400	Dr Structure Cover, Type Q	4030065	3.000	Ea
0410	Dr Structure, 120 inch dia	4030242	1.000	Ea
0420	Cold Milling HMA Surface	5010002	30,995.000	Syd
0430	Bump Grinding	5010004	500.000	Syd
0440	HMA Surface, Rem	5010005	553.000	Syd
0450	HMA Quality Initiative	5010007	23,454.000	Dlr
0460	Pavt for Butt Joints, Rem	5010008	2,664.000	Syd
0470	Longitudinal Joint Density Quality Initiative	5010018	84,252.000	Dlr
0480	Pavt Joint and Crack Repr, Det 7	5010020	6,000.000	Ft
0490	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0500	Hand Patching	5010025	530.000	Ton
0510	HMA, 5E3	5010057	6,140.000	Ton
0520	HMA Approach	5010061	557.000	Ton
0530	HMA, LVSP	5010703	5,030.000	Ton
0540	Driveway, Nonreinf Conc, 6 inch	8010005	412.000	Syd
0550	Curb, Conc, Det E1	8020001	9.000	Ft
0560	Curb, Conc, Det E4	8020004	50.000	Ft
0570	Curb and Gutter, Conc, Det B2	8020016	103.000	Ft
0580	Curb and Gutter, Conc, Det C4	8020023	100.000	Ft
0590	Detectable Warning Surface	8030010	131.000	Ft
0600	Curb Ramp Opening, Conc	8030030	103.000	Ft
0610	Sidewalk Ramp, Conc, 6 inch	8030036	960.000	Sft
0620	Sidewalk, Conc, 6 inch	8030046	861.000	Sft
0630	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	450.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	52,598.000	Ft
0650	Pavt Mrkg, Waterborne, 6 inch, White	8110233	27,328.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	52,598.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	27,328.000	Ft
0680	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0700	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0710	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,175.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,500.000	Ft
0770	Plastic Drum, Fluorescent, Furn	8120252	415.000	Ea
0780	Plastic Drum, Fluorescent, Oper	8120253	415.000	Ea
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
0800	PTS System, Temp, Furn	8120270	2.000	Ea
0810	PTS System, Temp, Oper	8120271	2.000	Ea
0820	Sign Cover	8120310	5.000	Ea
0830	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0840	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	1,036.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	1,036.000	Sft
0870	Traf Regulator Control	8120370	1.000	LSUM
0880	_ Pilot Car, Corrugations	8127051	1.000	LSUM
0890	Riprap, Heavy	8130005	66.000	Syd
0900	Riprap, Plain	8130010	11.000	Syd
0910	Slope Restoration, Type B	8160101	1,165.000	Syd
0920	Monument Box Adjust	8210005	5.000	Ea
0930	Monument Preservation	8210010	5.000	Ea
0940	Protect Corners	8210020	5.000	Ea
0950	Centerline Corrugations, Milled, HMA	8220013	20,253.000	Ft
0960	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	29,112.000	Ft
0970	Contractor Staking, Road Only	8240007	1.000	LSUM
0980	Staking Plan Errors and Extras, One Person	8240020	14.000	Hr
0990	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1000	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190503 078

Letting Date: May 3, 2019

Contract ID: 13042-204205

Description: 0.59 mi of hot mix asphalt cold milling and two course asphalt overlay, traffic signal, signing and pavement markings on I-94BL from west of Sycamore Street to west of Marshall Street, with traffic circle gapped out, in the city of Marshall, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204205A	N/A	N/A	GF19 13042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$53,800.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0030	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0050	Dr Structure Cover, Adj, Case 1	4030005	31.000	Ea
0060	Dr Structure, Temp Lowering	4030390	46.000	Ea
0070	Pavt, Cleaning	5010001	1.000	LSUM
0080	Cold Milling HMA Surface	5010002	20,818.000	Syd
0090	HMA Quality Initiative	5010007	7,494.000	Dlr
0100	Pavt for Butt Joints, Rem	5010008	516.000	Syd
0110	Longitudinal Joint Density Quality Initiative	5010018	21,884.000	Dlr
0120	HMA, 5E3	5010057	3,026.000	Ton
0130	HMA Approach	5010061	721.000	Ton
0140	_ Pedestrian Path, Temp	8007001	40.000	Ft
0150	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0160	Post Hole Through Conc for Steel Post	8100340	27.000	Ea
0170	Post, Steel, 3 lb	8100371	324.000	Ft
0180	Sign, Type IIIA	8100404	70.000	Sft
0190	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,200.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	460.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	390.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	935.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,783.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	209.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	273.000	Ft
0270	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	265.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	935.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,783.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	209.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	273.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	265.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	2,928.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	137.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	137.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0380	Pedestrian Type II Channelizer, Temp	8120027	50.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Ltg for Night Work	8120160	1.000	LSUM
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	2,400.000	Ft
0440	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	400.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0470	Sign Cover	8120310	10.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	233.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	233.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	709.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	709.000	Sft
0540	Traf Loop	8200170	4.000	Ea
0550	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0560	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0570	Protect Corners	8210020	5.000	Ea
0580	Gate Box, Adj, Case 1	8230431	15.000	Ea
0590	Contractor Staking, Road Only	8240007	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 190503 079**Letting Date:** May 3, 2019**Contract ID:** 09101-204898**Description:** 107.61 Lnmi of hot mix asphalt crack treatment on various routes, Bay, Clare, Gratiot, Isabella, Midland and Saginaw Counties. This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204898A	1900682	N/A	ST 09101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,300.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	107.610	Lnmi
0030	HMA Crack Treatment, Ramp, Warranty	5020028	1.670	Lnmi
0040	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign Cover	8120310	6.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	1,568.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	1,568.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190503 080**Letting Date:** May 3, 2019**Contract ID:** 33045-205983

Description: Abutment repair, pier cap replacement and repair, slope paving repair and rocker realignment on two structures on I-496/US-127 over Trowbridge Road and CSX Railroad in the city of East Lansing, Ingham County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205983A	N/A	N/A	M 33045
206811A	N/A	N/A	M 33045

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,900.00	1500001	1.000	LSUM
0020	Hand Patching	5010025	10.000	Ton
0030	Guardrail, Reconst, Type T	8070109	250.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	300.000	Ft
0050	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0060	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0070	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0080	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
0090	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0100	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0110	Conc Barrier, Temp, Adj	8120080	280.000	Ft
0120	Conc Barrier, Temp, Furn	8120081	680.000	Ft
0130	Conc Barrier, Temp, Oper	8120082	680.000	Ft
0140	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0150	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Ltg for Night Work	8120160	1.000	LSUM
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Mobile Attenuator	8120180	1.000	Ea
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	800.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0240	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0250	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea

0260	Sign Cover	8120310	15.000	Ea
0270	Sign Cover, Type 1	8120320	5.000	Ea
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0290	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0300	Sign, Type A, Temp, Prismatic, Furn	8120340	340.000	Sft
0310	Sign, Type A, Temp, Prismatic, Oper	8120341	340.000	Sft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	1,110.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	1,110.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	140.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	140.000	Sft

Section: 2

0360	_ Flowable Fill	2057021	4.000	Cyd
0370	Backfill, Structure, CIP	2060002	22.000	Cyd
0380	Excavation, Fdn	2060010	21.000	Cyd
0390	Erosion Control, Sand Bag	2080028	562.000	Ea
0400	Conc Quality Initiative	6020401	400.000	Dlr
0410	Conc, Grade D	7060010	4.000	Cyd
0420	Reinforcement, Steel, Epoxy Coated	7060092	8,235.000	Lb
0430	Substructure Conc, High Performance	7060101	28.000	Cyd
0440	Water Repellent Treatment, Penetrating	7060140	127.000	Syd
0450	Structural Steel, Mixed, Erect	7070050	3,228.000	Lb
0460	Structural Steel, Mixed, Furn and Fab	7070051	371.000	Lb
0470	Substructure Horizontal Surface Sealer (R03 of 33045)	7100030	20.000	Syd
0480	Substructure Horizontal Surface Sealer (R04 of 33045)	7100030	13.000	Syd
0490	Hand Chipping, Other Than Deck	7120007	190.000	Cft
0500	Patch, Forming	7120017	316.000	Sft
0510	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	84.000	Ea
0520	Structures, Rehabilitation, Rem Portions (R03 of 33045)	7120070	1.000	LSUM
0530	Structures, Rehabilitation, Rem Portions (R04 of 33045)	7120070	1.000	LSUM
0540	Patching Conc, C-L	7120112	5.000	Cyd
0550	Embedded Galvanic Anode	7120120	256.000	Ea
0560	Support, Column, Temp	7130080	19.000	Ea
0570	_ Rocker Realign with Coating Repair	7137050	8.000	Ea
0580	Slope Paving Header	8130015	25.000	Ft
0590	Slope Paving, Conc	8130020	27.000	Syd
0600	Contractor Staking	8240001	1.000	LSUM
0610	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0620	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0630	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190503 081

Letting Date: May 3, 2019

Contract ID: 81011-132609

Description: 2.07 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, pedestrian pushbutton and pavement markings on M-52 from north of Old US-12 to south of Werkner Road in the city of Chelsea, Washtenaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132609A	1900667	N/A	ST 81011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,129.000	Ft
0030	Curb, Rem	2040021	14.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0050	Pavt, Rem	2040050	211.000	Syd
0060	Sidewalk, Rem	2040055	749.000	Syd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	70.000	Ea
0080	Project Cleanup	2090001	1.000	LSUM
0090	Subbase, CIP	3010002	104.000	Cyd
0100	Aggregate Base, 6 inch	3020016	363.000	Syd
0110	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0120	Pavt, Cleaning	5010001	1.000	LSUM
0130	Cold Milling HMA Surface	5010002	36,506.000	Syd
0140	Bump Grinding	5010004	100.000	Syd
0150	Pavt Joint and Crack Repr, Det 7	5010020	2,400.000	Ft
0160	Pavt Joint and Crack Repr, Det 8	5010021	800.000	Ft
0170	Hand Patching	5010025	281.000	Ton
0180	HMA, 5E1	5010056	1,250.000	Ton
0190	HMA Approach	5010061	185.000	Ton
0200	HMA, 5E1, High Stress	5010514	1,861.000	Ton
0210	_ Decorative HMA Crosswalk	5017011	153.000	Syd
0220	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	130.000	Syd
0230	Lane Tie, Epoxy Anchored	6030030	556.000	Ea
0240	_ Pedestrian Ramp, Temp	8007050	16.000	Ea
0250	Curb, Conc, Det E2	8020002	14.000	Ft
0260	Curb and Gutter, Conc, Det C3	8020022	340.000	Ft
0270	Curb and Gutter, Conc, Det C4	8020023	44.000	Ft

0280	Curb and Gutter, Conc, Det D1	8020030	15.000	Ft
0290	Detectable Warning Surface	8030010	391.000	Ft
0300	Curb Ramp Opening, Conc	8030030	738.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	3,047.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	4,213.000	Sft
0330	_ Brick Paver, Install Salv	8037010	1,198.000	Sft
0340	_ Sidewalk, Brickwork, Rem	8037010	1,797.000	Sft
0350	Post, Steel, 3 lb	8100371	96.000	Ft
0360	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0370	Sign, Type III, Rem	8100403	3.000	Ea
0380	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,072.000	Ft
0390	Pavt Mrkg, Polyurea, 12 inch, White	8110111	27.000	Ft
0400	Pavt Mrkg, Polyurea, 12 inch, Yellow	8110112	27.000	Ft
0410	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	158.000	Ft
0420	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	627.000	Ft
0430	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,283.000	Ft
0440	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,885.000	Ft
0450	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0460	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0470	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0480	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0510	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	46.000	Ft
0580	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	20.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	9,512.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,283.000	Ft
0610	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0660	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0670	Sign, Type A, Temp, Prismatic, Furn	8120340	103.000	Sft
0680	Sign, Type A, Temp, Prismatic, Oper	8120341	103.000	Sft
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	962.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	962.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	101.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	101.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	_ Turf Establishment, Performance	8167011	398.000	Syd
0750	Cable Pole, TS, Dismant	8190010	1.000	Ea
0760	Conduit, DB, 1, 1 1/2 inch	8190027	20.000	Ft
0770	Conduit, DB, 1, 3 inch	8190029	10.000	Ft
0780	Hh, Adj	8190244	3.000	Ea
0790	Hh, Round	8190260	1.000	Ea
0800	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0810	Pedestal, Alum	8200100	1.000	Ea
0820	Pedestal, Fdn	8200105	1.000	Ea
0830	Pushbutton and Sign	8200121	2.000	Ea
0840	Pushbutton, Rem	8200122	2.000	Ea
0850	Traf Loop	8200170	2.000	Ea
0860	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0870	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0880	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0890	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0900	Centerline Corrugations, Milled, HMA	8220013	2,382.000	Ft
0910	Contractor Staking, Road Only	8240007	1.000	LSUM
0920	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0930	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0940	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0950	_ Railroad Protection, at Grade Crossing	8507060	7,200.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 190503 082**Letting Date:** May 3, 2019**Contract ID:** 77000-120586**Description:** Installation of security bollards and stop gate under Blue Water Bridge in the city of Port Huron, St. Clair County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
120586A	N/A	N/A	MBWB 77000

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	Dr Structure, Abandon	2030010	2.000	Ea
0030	Conc Barrier, Rem	2040010	325.000	Ft
0040	Sidewalk, Rem	2040055	27.000	Syd
0050	Exploratory Investigation, Vertical	2040080	300.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	125.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0080	Excavation, Fdn	2060010	125.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0100	Erosion Control, Silt Fence	2080036	80.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0130	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
0140	Conc Quality Initiative	6020401	250.000	Dlr
0150	Conc, Grade S2	7060011	125.000	Cyd
0160	Conduit, 3 inch	7060030	6.000	Ft
0170	_ Bollard, Steel, Installed	8007051	1.000	LSUM
0180	_ Crash Resistant Barrier Gate System	8007051	1.000	LSUM
0190	Sidewalk, Conc, 6 inch	8030046	240.000	Sft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	55.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	55.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	11.000	Ft
0290	Sign Cover	8120310	5.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	220.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	220.000	Sft
0320	_ Railroad Protection, at Grade Crossing	8127060	30,000.000	Dlr
0330	Fertilizer, Chemical Nutrient, CI A	8160020	25.000	Lb
0340	Mulch	8160025	450.000	Syd
0350	Mulch Anchoring	8160026	450.000	Syd
0360	Seeding, Mixture THM	8160039	21.000	Lb
0370	Topsoil Surface, Furn, 3 inch	8160061	450.000	Syd
0380	Water, Sodding/Seeding	8160090	5.000	Unit
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0430	Flowable Fill, Non-Structural	8260148	26.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 190503 083**Letting Date:** May 3, 2019**Contract ID:** 29331-205488**Description:** Crack Repairs and underdrain work at the Gratiot Community Airport, city of Alma, Gratiot County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205488A	B-26-0003-2017	N/A	FM 29331

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Pipe Underdrain 4", Type as Specified	7050510	790.000	Lft
0040	Pipe Underdrain 6", Type as Specified	7050511	1,630.000	Lft
0050	Underdrain Concrete End Section	7050527	1.000	Ea
0060	Inlet 4' Diameter, Type 4, Through 8' Depth	7510523	4.000	Ea
0070	Drainage Structure Cover, Type E, in Place	7510584	4.000	Ea
0080	Misc. Plain Riprap	8007011	4.000	Syd
0090	Misc. Remove & Replace taxiway pavement section, as specified	8007050	2.000	Ea
0100	Seeding with Mixture and Rate, As Specified	9010517	1.200	Acre
0110	Misc. Mulching as specified	9087012	1.200	Acre