



9/22/2017 9:20 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 001

Letting Date: November 3, 2017

Contract ID: 80023-127121

Description: 5.83 mi of hot mix asphalt overlay, median shoulder reconstruction, ramp resurfacing, ramp reconstruction, I-94 reconstruction under four structures, guardrail, install median cable barrier and pavement markings on I-94 Eastbound from 56th Street easterly to west of M-51, Van Buren County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127121A	IM 1780(017)	KK4384	IM 80023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$995,000.00	1500001	1.000	LSUM
0030	Clearing	2010001	16.410	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0080	Culv, End, Rem, Less than 24 inch	2030005	19.000	Ea
0090	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0100	Dr Structure, Rem	2030011	5.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	72.000	Ft
0120	_ Monitoring Well, Abandon	2037050	1.000	Ea
0130	Guardrail, Rem	2040035	3,871.000	Ft
0140	Pavt, Rem	2040050	10,238.000	Syd
0150	Exploratory Investigation, Vertical	2040080	10.000	Ft
0160	Embankment, CIP	2050010	16,540.000	Cyd
0170	Excavation, Earth	2050016	55,962.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0200	Backfill, Structure, CIP	2060002	28.000	Cyd
0210	Excavation, Fdn	2060010	40.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	472.000	Ft
0230	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0240	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0260	Erosion Control, Sand Bag	2080028	170.000	Ea

0270	Erosion Control, Sediment Trap	2080034	160.000	Ea
0280	Erosion Control, Silt Fence	2080036	6,966.000	Ft
0290	_ Permeable Runoff Structure	2087001	1,992.000	Ft
0300	Project Cleanup	2090001	1.000	LSUM
0310	Subbase, CIP	3010002	34,593.000	Cyd
0320	Aggregate Base, 6 inch	3020016	71,876.000	Syd
0330	Shoulder, CI II	3070121	5,756.000	Ton
0340	Shoulder, CI II, 6 inch, Temp	3070183	2,886.000	Syd
0350	Culv End Sect, 12 inch	4010012	4.000	Ea
0360	Culv End Sect, Conc, 12 inch	4010047	10.000	Ea
0370	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0380	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0390	Culv, CI A, Conc, 12 inch	4010165	56.000	Ft
0400	Culv, CI A, Conc, 36 inch	4010170	16.000	Ft
0410	Culv, CI E, 12 inch	4010539	152.000	Ft
0420	Culv, CI E, Conc, 36 inch	4010578	80.000	Ft
0430	Culv, Downspout, 24 inch	4010798	88.000	Ft
0440	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0450	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	4.000	Ea
0460	Dr Marker Post	4011109	26.000	Ea
0470	_ Culvert Cleanout	4017001	406.000	Ft
0480	_ Sewer Cleanout	4017001	108.000	Ft
0490	Sewer, CI E, 12 inch, Tr Det B	4020600	72.000	Ft
0500	Sewer, CI E, 24 inch, Tr Det B	4020603	72.000	Ft
0510	Video Taping Sewer and Culv Pipe	4021275	304.000	Ft
0520	Dr Structure Cover, Type G	4030040	5.000	Ea
0530	Dr Structure, 24 inch dia	4030200	4.000	Ea
0540	Dr Structure, 48 inch dia	4030210	1.000	Ea
0550	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0560	Underdrain, Subbase, 6 inch	4040063	8,265.000	Ft
0570	Underdrain Outlet, 4 inch	4040091	145.000	Ft
0580	Underdrain Outlet, 6 inch	4040093	984.000	Ft
0590	Underdrain, Outlet Ending, 4 inch	4040111	20.000	Ea
0600	Underdrain, Outlet Ending, 6 inch	4040113	45.000	Ea
0610	Pavt, Cleaning	5010001	1.000	LSUM
0620	Cold Milling HMA Surface	5010002	5,805.000	Syd
0630	Bump Grinding	5010004	100.000	Syd
0640	HMA Surface, Rem	5010005	568.000	Syd
0650	HMA Quality Initiative	5010007	111,006.000	Dlr
0660	Pavt for Butt Joints, Rem	5010008	9,198.000	Syd
0670	Longitudinal Joint Density Quality Initiative	5010018	295,573.000	Dlr
0680	Hand Patching	5010025	50.000	Ton
0690	HMA, 3E3	5010045	11,959.000	Ton
0700	HMA, 3E30	5010047	16,564.000	Ton
0710	HMA, 4E3	5010051	8,004.000	Ton

0720	HMA, 5E30	5010059	9,352.000	Ton
0730	HMA Approach	5010061	432.000	Ton
0740	HMA, Temp Pavt (3E3)	5010804	6,435.000	Ton
0750	HMA, Temp Pavt (4E3)	5010805	3,453.000	Ton
0760	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	9,142.000	Ton
0770	_ Ride Incentive	5017060	81,499.000	Dlr
0780	Cold Milling Conc Pavt	6030014	2,643.000	Syd
0790	Conc, Grade S2	7060011	5.000	Cyd
0800	Reinforcement, Steel	7060090	144.000	Lb
0810	Reinforcement, Steel, Epoxy Coated	7060092	2,672.000	Lb
0820	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	144.000	Ea
0830	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	48.000	Ea
0840	Filler Wall Conc	7120087	40.000	Cyd
0850	Guardrail, Type T	8070002	2,851.000	Ft
0860	Guardrail Anch, Bridge, Det T6	8070027	8.000	Ea
0870	Guardrail Approach Terminal, Type 1T	8070041	12.000	Ea
0880	Guardrail Approach Terminal, Type 2T	8070043	3.000	Ea
0890	Guardrail Approach Terminal, Type 2T, Temp	8070048	8.000	Ea
0900	Guardrail Departing Terminal, Type T	8070051	7.000	Ea
0910	Guardrail, Salv	8070075	152.000	Ft
0920	Guardrail Reflector	8070080	71.000	Ea
0930	Cable Barrier, High Tension	8070198	22,469.000	Ft
0940	Cable Barrier, High Tension, Salv	8070201	22,468.000	Ft
0950	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	2,152.000	Ea
0960	Cable Barrier, High Tension, Line Post Fdn	8070221	2,152.000	Ea
0970	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	6.000	Ea
0980	Cable Barrier, High Tension, End Term Fdn	8070223	6.000	Ea
0990	Cable, 1000 ft Spool	8070250	2.000	Ea
1000	Cable Barrier, Intermediate Line Post	8070251	100.000	Ea
1010	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	10.000	Ea
1020	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
1030	Cable Barrier, Socket, Conc Fdn	8070254	25.000	Ea
1040	Cable Barrier, Turnbuckle	8070256	5.000	Ea
1050	Cable Barrier, Reflector	8070257	100.000	Ea
1060	Cable Barrier, Excluder Cap	8070258	100.000	Ea
1070	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
1080	Cable Barrier, Cable Splice Kit	8070260	10.000	Ea
1090	Cable Barrier Terminal, Materials	8070261	1.000	Ea
1100	Cable Barrier, High Tension, Repair Labor	8070262	1,000.000	Dlr
1110	Column, Breakaway, W8 x 13	8100120	2.000	Ea
1120	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1130	Delineator Reflector	8100130	238.000	Ea
1140	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	1.000	Ea

1150	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	13.000	Ea
1160	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
1170	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1180	Fdn, Column Breakaway, Rem	8100220	8.000	Ea
1190	Fdn, Wood Support, Rem	8100280	40.000	Ea
1200	Perforated Steel Square Tube Breakaway System	8100330	5.000	Ea
1210	Delineator, Rem	8100349	223.000	Ea
1220	Post, Delineator	8100350	197.000	Ea
1230	Post, Flexible, Delineator	8100360	14.000	Ea
1240	Post, Steel, 3 lb	8100371	406.000	Ft
1250	Post, Wood, 4 inch by 6 inch	8100380	630.000	Ft
1260	Post, Wood, 6 inch by 8 inch	8100382	32.000	Ft
1270	Sign, Type I, Erect, Salv	8100390	3.000	Ea
1280	Sign, Type I, Rem	8100391	3.000	Ea
1290	Sign, Type II, Erect, Salv	8100396	5.000	Ea
1300	Sign, Type II, Rem	8100397	5.000	Ea
1310	Sign, Type III, Erect, Salv	8100402	66.000	Ea
1320	Sign, Type III, Rem	8100403	66.000	Ea
1330	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
1340	Reflective Panel for Permanent Sign Support, 6 foot	8100616	3.000	Ea
1350	_ Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8107050	6.000	Ea
1360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	63.000	Ft
1370	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1400	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	7,640.000	Ft
1410	Recessing Pavt Mrkg, Longit	8110450	74,340.000	Ft
1420	Recessing Pavt Mrkg, Transv	8110451	312.000	Sft
1430	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	33,080.000	Ft
1440	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	1,080.000	Ft
1450	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	32,540.000	Ft
1460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
1470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
1480	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
1490	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
1500	Conc Barrier, Temp, Furn	8120081	3,270.000	Ft
1510	Conc Barrier, Temp, Oper	8120082	3,270.000	Ft
1520	High Intensity Light, Type B, Furn	8120110	7.000	Ea
1530	High Intensity Light, Type B, Oper	8120111	7.000	Ea
1540	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
1550	Lighted Arrow, Type C, Oper	8120141	12.000	Ea

1560	Ltg for Night Work	8120160	1.000	LSUM
1570	Minor Traf Devices	8120170	1.000	LSUM
1580	Mobile Attenuator	8120180	8.000	Ea
1590	Pavt Mrkg Cover, Type R, Black	8120200	7,200.000	Ft
1600	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	61,200.000	Ft
1610	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	142,050.000	Ft
1620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	119,100.000	Ft
1630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	77,790.000	Ft
1640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	38,895.000	Ft
1650	Plastic Drum, Fluorescent, Furn	8120252	534.000	Ea
1660	Plastic Drum, Fluorescent, Oper	8120253	534.000	Ea
1670	Sign Cover	8120310	10.000	Ea
1680	Sign, Type B, Temp, Prismatic, Furn	8120350	4,478.000	Sft
1690	Sign, Type B, Temp, Prismatic, Oper	8120351	4,478.000	Sft
1700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	38.000	Sft
1710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	38.000	Sft
1720	_ Delineator, Panels, Temp, Furn	8127050	306.000	Ea
1730	_ Delineator, Panels, Temp, Oper	8127050	306.000	Ea
1740	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
1750	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
1760	Riprap, Plain	8130010	70.000	Syd
1770	Fertilizer, Chemical Nutrient, CI A	8160020	3,532.000	Lb
1780	Mulch	8160025	57,093.000	Syd
1790	Mulch Anchoring	8160026	9,420.000	Syd
1800	Mulch Blanket	8160027	59,420.000	Syd
1810	Mulch Blanket, High Velocity	8160028	33,880.000	Syd
1820	Seeding, Mixture TDS	8160037	3,411.000	Lb
1830	Topsoil Surface, Furn, 4 inch	8160062	74,850.000	Syd
1840	Monument Box Adjust	8210005	1.000	Ea
1850	Monument Preservation	8210010	1.000	Ea
1860	Protect Corners	8210020	1.000	Ea
1870	Shoulder Corrugations, Ground or Cut, HMA	8220001	61,033.000	Ft
1880	Contractor Staking, Road Only	8240007	1.000	LSUM
1890	Staking Plan Errors and Extras, One Person	8240020	80.000	Hr
1900	Staking Plan Errors and Extras, Two Person	8240021	32.000	Hr
1910	Staking Plan Errors and Extras, Three Person	8240022	48.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 171103 002

Letting Date: November 3, 2017

Contract ID: 22021-113708-2

Description: 1.82 mi of intersection realignment and reconstruction, drainage, traffic signal and pavement markings on US-2 from east of Dawn's Lake Road easterly to Baler Road and on US-141 from north of Breitung Cutoff Road to US-2, Dickinson County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113708A	NH 1622(007)	HK0973	NH 22021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$318,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.440	Acre
0030	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0050	Dr Structure, Rem	2030011	4.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0070	Guardrail, Rem	2040035	550.000	Ft
0080	Pavt, Rem	2040050	24,020.000	Syd
0090	_ Pavt, Rem, Special	2047011	600.000	Syd
0100	Embankment, CIP	2050010	20,397.000	Cyd
0110	Excavation, Earth	2050016	57,321.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	360.000	Ft
0150	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	75.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	35.000	Ea
0200	Erosion Control, Silt Fence	2080036	150.000	Ft
0210	Subbase, CIP	3010002	22,219.000	Cyd
0220	Aggregate Base	3020001	12,549.000	Ton
0230	Maintenance Gravel	3060020	1,200.000	Ton
0240	Approach, CI I	3070001	972.000	Ton
0250	Approach, CI II	3070021	20.000	Ton
0260	Shoulder, CI II	3070121	357.000	Ton

0270	Culv End Sect, Conc, 36 inch	4010053	3.000	Ea
0280	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0290	Culv, CI B, Conc, 36 inch	4010272	144.000	Ft
0300	Culv, CI F, 18 inch	4010609	256.000	Ft
0310	Culv, CI F, 24 inch	4010610	240.000	Ft
0320	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	7.000	Ea
0330	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	5.000	Ea
0340	Dr Marker Post	4011109	12.000	Ea
0350	Sewer, CI II, 36 inch, Tr Det A	4020725	574.000	Ft
0360	Sewer, CI II, 48 inch, Tr Det A	4020727	238.000	Ft
0370	Sewer, CI II, 12 inch, Tr Det B	4020748	61.000	Ft
0380	Sewer, CI II, 18 inch, Tr Det B	4020751	795.000	Ft
0390	Sewer, CI II, 24 inch, Tr Det B	4020752	62.000	Ft
0400	Sewer, CI III, 36 inch, Tr Det A	4020845	606.000	Ft
0410	Sewer, CI IV, 36 inch, Jacked in Place	4021175	50.000	Ft
0420	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0430	Trench Undercut and Backfill	4021260	100.000	Cyd
0440	Video Taping Sewer and Culv Pipe	4021275	2,851.000	Ft
0450	Dr Structure Cover, Type B	4030010	4.000	Ea
0460	Dr Structure Cover, Type E	4030035	7.000	Ea
0470	Dr Structure Cover, Type G	4030040	1.000	Ea
0480	Dr Structure Cover, Type J	4030045	3.000	Ea
0490	Dr Structure, 24 inch dia	4030200	1.000	Ea
0500	Dr Structure, 48 inch dia	4030210	5.000	Ea
0510	Dr Structure, 60 inch dia	4030220	3.000	Ea
0520	Dr Structure, 72 inch dia	4030230	5.000	Ea
0530	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	11.000	Ft
0540	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	19.000	Ft
0550	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0560	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0570	Underdrain, Subbase, 6 inch	4040063	4,203.000	Ft
0580	Underdrain, Subgrade, 6 inch	4040073	800.000	Ft
0590	Underdrain Outlet, 6 inch	4040093	791.000	Ft
0600	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
0610	Bump Grinding	5010004	100.000	Syd
0620	HMA Surface, Rem	5010005	24,880.000	Syd
0630	HMA Quality Initiative	5010007	22,750.000	Dlr
0640	Longitudinal Joint Density Quality Initiative	5010018	18,673.000	Dlr
0650	Hand Patching	5010025	65.000	Ton
0660	HMA, 3E3	5010045	4,247.000	Ton
0670	HMA Approach	5010061	271.000	Ton
0680	HMA, 4E3, High Stress	5010509	2,833.000	Ton
0690	HMA, 5E3, High Stress	5010515	2,124.000	Ton

0700	HMA Approach, High Stress	5010520	502.000	Ton
0710	HMA, LVSP	5010703	1,388.000	Ton
0720	_ Ride Incentive	5017060	24,680.000	Dlr
0730	HMA, Temp Pavt (LVSP)	5020807	180.000	Ton
0740	Curb and Gutter, Conc, Det B2	8020016	835.000	Ft
0750	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0760	Spillway, Conc	8020075	16.000	Ft
0770	Curb Sloped, HMA	8050010	44.000	Ft
0780	Guardrail, Type B	8070000	150.000	Ft
0790	Guardrail, Curved, Type B	8070010	13.000	Ft
0800	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0810	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0820	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0830	Guardrail Reflector	8070080	16.000	Ea
0840	_ Field Office, CL 1, Modified	8097043	6.000	Mo
0850	_ Field Office, Utility Fees, Modified	8097060	3,900.000	Dlr
0860	Fdn, Wood Support, Rem	8100280	52.000	Ea
0870	Post, Steel, 3 lb	8100371	136.000	Ft
0880	Post, Wood, 4 inch by 6 inch	8100380	338.000	Ft
0890	Post, Wood, 6 inch by 8 inch	8100382	68.000	Ft
0900	Sign, Type I, Rem	8100391	1.000	Ea
0910	Sign, Type II, Rem	8100397	12.000	Ea
0920	Sign, Type IIA	8100398	193.000	Sft
0930	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0940	Sign, Type III, Rem	8100403	56.000	Ea
0950	Sign, Type IIIA	8100404	75.000	Sft
0960	Sign, Type IIIB	8100405	113.000	Sft
0970	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	124.000	Ft
0980	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,900.000	Ft
0990	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,984.000	Ft
1000	Pavt Mrkg, Waterborne, 6 inch, White	8110233	18,776.000	Ft
1010	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,245.000	Ft
1020	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,199.000	Ft
1030	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,016.000	Ft
1040	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
1050	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
1060	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1070	Recessing Pavt Mrkg, Longit	8110450	22,460.000	Ft
1080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
1090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
1100	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
1110	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
1120	Conc Barrier Reflector Replacement	8120070	20.000	Ea

1130	Conc Barrier, Temp, Furn	8120081	850.000	Ft
1140	Conc Barrier, Temp, Oper	8120082	850.000	Ft
1150	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1160	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1170	Minor Traf Devices	8120170	1.000	LSUM
1180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,440.000	Ft
1190	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,025.000	Ft
1200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	13,510.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	17,080.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,555.000	Ft
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	16,640.000	Ft
1240	Plastic Drum, High Intensity, Furn	8120250	335.000	Ea
1250	Plastic Drum, High Intensity, Oper	8120251	335.000	Ea
1260	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
1270	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
1280	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	152.000	Ft
1290	Sign Cover	8120310	15.000	Ea
1300	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
1310	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
1320	Traf Regulator Control	8120370	1.000	LSUM
1330	_ Temp Rumble Strips (Orange), Stop Condition	8127001	550.000	Ft
1340	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	2.000	Ea
1350	_ Tubular Marker	8127050	146.000	Ea
1360	_ Tubular Marker Replacement	8127050	20.000	Ea
1370	Slope Restoration, Type B	8160101	34,750.000	Syd
1380	Slope Restoration, Type C	8160102	10,400.000	Syd
1390	Slope Restoration, Type D	8160103	5,285.000	Syd
1400	_ Topsoil, Special	8167021	100.000	Cyd
1410	Cable Pole, TS, Dismant	8190010	5.000	Ea
1420	Cable, Rem	8190016	70.000	Ft
1430	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
1440	Conduit, DB, 1, 3 inch	8190029	90.000	Ft
1450	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
1460	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
1470	Conduit, Rem	8190140	80.000	Ft
1480	Hh, Rem	8190254	3.000	Ea
1490	Hh, Round, 3 foot dia	8190259	1.000	Ea
1500	Hh, Round	8190260	3.000	Ea
1510	Cable, Sec, 600V, 1, 3/C#6	8190399	60.000	Ft
1520	Wood Pole, Cl 4, 45 foot	8190474	2.000	Ea

1530	Wood Pole, Rem	8190505	11.000	Ea
1540	Conduit, Directional Bore, 2, 3 inch	8190604	90.000	Ft
1550	Anchor Guy	8200001	2.000	Ea
1560	Case Sign, Rem	8200020	4.000	Ea
1570	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
1580	Controller and Cabinet, Rem	8200030	5.000	Ea
1590	Controller and Cabinet, Digital Type	8200031	2.000	Ea
1600	Controller Fdn, Base Mount	8200045	1.000	Ea
1610	Global Positioning System Module	8200050	1.000	Ea
1620	Metered Serv	8200090	2.000	Ea
1630	Metered Serv, Rem	8200095	6.000	Ea
1640	Power Co. (Est. Cost to Contractor)	8200116	110.000	Dir
1650	Serv Disconnect	8200135	2.000	Ea
1660	Serv Disconnect, Rem	8200136	4.000	Ea
1670	Span Wire	8200140	6.000	Ea
1680	Span Wire, Rem	8200141	8.000	Ea
1690	Span Wire Tether	8200142	3.000	Ea
1700	Guy, Rem	8200167	1.000	Ea
1710	Loop Detector, Rem	8200173	1.000	Ea
1720	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1730	Warning Sign, Rem	8200261	4.000	Ea
1740	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
1750	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1760	Bracket, Truss, Salv	8200385	1.000	Ea
1770	Video Traffic Detection Camera (Mini)	8200386	2.000	Ea
1780	Video Traffic Detection System (Mini)	8200387	1.000	Ea
1790	Bracket, Truss, Rem	8200388	2.000	Ea
1800	Wireless Vehicle Detection System	8200422	1.000	Ea
1810	Video Traf Detection System, Salv	8200441	2.000	Ea
1820	Video Traf Detection Camera, Salv	8200442	2.000	Ea
1830	Hemispherical Video Detection Camera	8200444	1.000	Ea
1840	Hemispherical Video Detection System	8200445	1.000	Ea
1850	TS Head, Temp	8200453	23.000	Ea
1860	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1870	Strain Pole Fdn, 6 Bolt	8200470	60.000	Ft
1880	Casing	8200480	47.000	Ft
1890	Cellular Modem, TS, 4G	8200498	1.000	Ea
1900	Backplate, TS	8200501	6.000	Ea
1910	_ Video Traf Detection Camera (Mini), Rem	8207050	4.000	Ea
1920	_ Video Traf Detection System (Mini), Rem	8207050	2.000	Ea
1930	Monument Box	8210001	1.000	Ea
1940	Monument Preservation	8210010	1.000	Ea
1950	Centerline Corrugations, Milled, HMA	8220013	562.000	Ft
1960	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	7,936.000	Ft
1970	Contractor Staking, Road Only	8240007	1.000	LSUM

1980	Staking Plan Errors and Extras, One Person	8240020	23.000	Hr
1990	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
2000	Staking Plan Errors and Extras, Three Person	8240022	14.000	Hr
2010	_ Railroad Inspection and Flagging	8507060	3,000.000	Dlr
2020	_ Railroad Protection	8507060	22,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 003

Letting Date: November 3, 2017

Contract ID: 56609-131247

Description: 0.69 mi of horizontal curve and intersection realignment, hot mix asphalt cold milling and resurfacing, concrete curb, gutter, drainage, sewer, guardrail, signing and pavement markings on Gordonville Road from 4 3/4 Mile Road to Homer Road, Midland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131247A	HRRR 1756(014)	KK4372	HRRR 56609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	26.000	Ft
0090	Fence, Rem	2040025	439.000	Ft
0100	Guardrail, Rem	2040035	2,258.000	Ft
0110	Pavt, Rem	2040050	67.000	Syd
0120	Embankment, CIP	2050010	4,325.000	Cyd
0130	Excavation, Earth	2050016	7,146.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0150	Obliterate Old Road	2070001	7.000	Sta
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0170	Erosion Control, Silt Fence	2080036	3,500.000	Ft
0180	Subbase, CIP	3010002	2,997.000	Cyd
0190	_ Aggregate Base, 6 inch, Modified	3027011	5,604.000	Syd
0200	Maintenance Gravel	3060020	100.000	Ton
0210	_ Approach, CI I, 6 inch, Modified	3077011	4,039.000	Syd
0220	_ Approach, CI II, 6 inch, Modified	3077011	83.000	Syd
0230	_ Shoulder, CI II, 4 inch, Modified	3077011	1,124.000	Syd
0240	Geotextile, Separator	3080005	200.000	Syd
0250	Culv End Sect, 12 inch	4010012	7.000	Ea
0260	Culv End Sect, 15 inch	4010015	4.000	Ea
0270	Culv, CI A, 24 inch	4010134	12.000	Ft

0280	Culv, CI F, 12 inch	4010607	216.000	Ft
0290	Culv, CI F, 15 inch	4010608	134.000	Ft
0300	Culv, CI F, 30 inch	4010611	46.000	Ft
0310	Culv, Downspout, 12 inch	4010795	57.000	Ft
0320	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0330	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	1.000	Ea
0340	Dr Marker Post	4011109	3.000	Ea
0350	Sewer, CI A, 15 inch, Tr Det A	4020005	52.000	Ft
0360	Sewer, CI E, 12 inch, Tr Det B	4020600	143.000	Ft
0370	Sewer Tap, 24 inch	4021207	1.000	Ea
0380	_ Sump Pump Lead and Drain Tile Connection	4027001	50.000	Ft
0390	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0400	Dr Structure Cover, Type B	4030010	1.000	Ea
0410	Dr Structure Cover, Type K	4030050	1.000	Ea
0420	Dr Structure, 48 inch dia	4030210	1.000	Ea
0430	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0440	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0460	Cold Milling HMA Surface	5010002	4,091.000	Syd
0470	HMA Surface, Rem	5010005	5,045.000	Syd
0480	HMA, 13A	5010033	1,838.000	Ton
0490	HMA Approach	5010061	755.000	Ton
0500	Conc, Grade S2	7060011	3.000	Cyd
0510	Reinforcement, Steel, Culv and Headwall	7060091	120.000	Lb
0520	Driveway, Nonreinf Conc, 6 inch	8010005	51.000	Syd
0530	Curb and Gutter, Conc, Det B2	8020016	327.000	Ft
0540	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0550	Downspout Header, Conc	8020070	3.000	Ea
0560	Spillway, Conc	8020075	26.000	Ft
0570	Curb Sloped, HMA	8050010	1,530.000	Ft
0580	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
0590	Post, Mailbox	8070095	3.000	Ea
0600	_ Guardrail, Curved, Type T, Modified	8077001	77.000	Ft
0610	_ Guardrail, Type T, Modified	8077001	2,029.000	Ft
0620	_ Guardrail Approach Terminal, Modified	8077050	5.000	Ea
0630	Fence, Woven Wire with Wood Post	8080001	467.000	Ft
0640	Post, Steel, 3 lb	8100371	724.000	Ft
0650	Sign, Type III, Erect, Salv	8100402	36.000	Ea
0660	Sign, Type III, Rem	8100403	38.000	Ea
0670	Sign, Type IIIB	8100405	60.000	Sft
0680	Reflective Panel for Permanent Sign Support, 6 foot	8100616	43.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	59.000	Ft
0700	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,835.000	Ft
0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,879.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,835.000	Ft

0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,879.000	Ft
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea
0800	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	660.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	660.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	Riprap, Heavy	8130005	27.000	Syd
0850	Paved Ditch, HMA	8140010	47.000	Syd
0860	Slope Restoration, Type B	8160101	4,732.000	Syd
0870	Slope Restoration, Type C	8160102	2,100.000	Syd
0880	Slope Restoration, Type D	8160103	100.000	Syd
0890	Monument Box	8210001	2.000	Ea
0900	Monument Preservation	8210010	2.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 004

Letting Date: November 3, 2017

Contract ID: 52141-129737

Description: 1.61 mi of hot mix asphalt crushing, shaping and resurfacing, machine grading, aggregate base, guardrail and restoration on County Road 581 from County Road PG to County Road PRE, Marquette County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129737A	HRRR 1752(016)	KK4375	HRRR 52141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$52,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Guardrail, Rem	2040035	1,850.000	Ft
0040	Pavt, Rem	2040050	204.000	Syd
0050	Embankment, LM	2050011	275.000	Cyd
0060	Excavation, Earth	2050016	100.000	Cyd
0070	Machine Grading	2050030	172.000	Sta
0080	Project Cleanup	2090001	1.000	LSUM
0090	Aggregate Base	3020001	4,370.000	Ton
0100	HMA Base Crushing and Shaping	3050002	27,275.000	Syd
0110	Approach, CI III	3070041	110.000	Ton
0120	Shoulder, CI III	3070141	842.000	Ton
0130	HMA, 4E3	5010051	3,000.000	Ton
0140	HMA, 5E3	5010057	2,250.000	Ton
0150	HMA Approach	5010061	105.000	Ton
0160	_ Spillway, HMA	8027010	300.000	Sft
0170	Curb Sloped, HMA	8050010	1,000.000	Ft
0180	Guardrail, Type B	8070000	1,850.000	Ft
0190	Guardrail, Curved, Type B	8070010	75.000	Ft
0200	Guardrail Approach Terminal, Type 1B	8070040	12.000	Ea
0210	Guardrail Reflector	8070080	60.000	Ea
0220	Post, Mailbox	8070095	3.000	Ea
0230	Post, Steel, 2 lb	8100370	540.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0250	Sign, Type IIIA	8100404	25.000	Sft
0260	Sign, Type IIIB	8100405	91.000	Sft
0270	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	17,212.000	Ft

0280	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,334.000	Ft
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	680.000	Ft
0330	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
0340	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0370	Fertilizer, Chemical Nutrient, CI B	8160021	12.000	Lb
0380	Mulch Blanket	8160027	428.000	Syd
0390	Seeding, Mixture TDS	8160037	20.000	Lb
0400	Topsoil Surface, Furn, 3 inch	8160061	428.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 005

Letting Date: November 3, 2017

Contract ID: 48555-110144

Description: 2.00 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, shoulders, guardrail and pavement markings on County Road 407 west of M-123, Luce County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110144A	STP 1748(003)	RT 0721	STL 48555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,975.000	Ft
0030	Aggregate Base	3020001	2,300.000	Ton
0040	HMA Base Crushing and Shaping	3050002	28,300.000	Syd
0050	Approach, CI II	3070021	50.000	Ton
0060	Shoulder, CI II	3070121	1,100.000	Ton
0070	HMA Approach	5010061	20.000	Ton
0080	HMA, LVSP	5010703	4,700.000	Ton
0090	Guardrail, Type B	8070000	1,450.000	Ft
0100	Guardrail Approach Terminal, Type 1B	8070040	14.000	Ea
0110	Guardrail Reflector	8070080	60.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,120.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,400.000	Ft
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,700.000	Ft
0180	Plastic Drum, High Intensity, Furn	8120250	110.000	Ea
0190	Plastic Drum, High Intensity, Oper	8120251	110.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Monument Box	8210001	3.000	Ea
0240	Monument Preservation	8210010	3.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 006

Letting Date: November 3, 2017

Contract ID: 55000-119416

Description: 7.55 mi of overband crack filling, chip and fog sealing and pavement markings on Belgiumtown Road from County Road 577 to north of County Road 338 and on County Road G-12 from east of Hallfrisch Road to east of Church Road, Menominee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119416A	STP 1755(010)	RT0723	STL 55000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,700.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	15.100	Lnmi
0030	Seal, Single Chip	5050001	100,676.000	Syd
0040	_ Fog Seal	5067011	100,675.000	Syd
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	79,750.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,079.000	Ft
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	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	399.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	276.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	276.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 007

Letting Date: November 3, 2017

Contract ID: 02000-200289-2

Description: 1.80 mi of hot mix asphalt overlay, guardrail, shoulder work and pavement marking on County Road 58 east of Newberg Road, Alger County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200289A	EMRP 1702(006)	RT0679	EMRP 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,700.00	1500001	1.000	LSUM
0020	Aggregate Base, LM	3020002	10.000	Cyd
0030	Approach, CI I, LM	3070003	9.000	Cyd
0040	Approach, CI II, LM	3070023	21.000	Cyd
0050	_ Shoulder, CI III, 0.75 inch	3077011	8,448.000	Syd
0060	Pavt for Butt Joints, Rem	5010008	210.000	Syd
0070	HMA Approach	5010061	36.000	Ton
0080	_ HMA, Ultra-Thin Overlay	5017031	1,300.000	Ton
0090	Guardrail, Type B	8070000	275.000	Ft
0100	Guardrail, Curved, Type B	8070010	13.000	Ft
0110	Guardrail, Backed, Det G2	8070016	2.000	Ea
0120	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0130	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0140	Guardrail Reflector	8070080	21.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,008.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,500.000	Ft
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	380.000	Ft
0210	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	156.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	156.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 008

Letting Date: November 3, 2017

Contract ID: 31000-200629

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200629A	STP 1731(006)	JJ5659	STL 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$2,500.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	89,423.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	477,048.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 009

Letting Date: November 3, 2017

Contract ID: 54000-129305

Description: Bridge removal and replacement with single-span, 27-inch prestressed concrete beams and approach work on 20th Avenue over the Chippewa River, Mecosta County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129305A	BO 1754(009)	N/A	BO 54000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,400.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0040	Guardrail, Rem	2040035	224.000	Ft
0050	Embankment, CIP	2050010	50.000	Cyd
0060	Excavation, Earth	2050016	700.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0080	Erosion Control, Silt Fence	2080036	698.000	Ft
0090	Subbase, CIP	3010002	500.000	Cyd
0100	Aggregate Base	3020001	300.000	Ton
0110	Aggregate Base, 8 inch	3020020	900.000	Syd
0120	Shoulder, CI II, 3 inch	3070125	160.000	Syd
0130	HMA, 13A	5010033	130.000	Ton
0140	Curb and Gutter, Bridge Approach	8020010	84.000	Ft
0150	Curb and Gutter, Conc, Det B2	8020016	352.000	Ft
0160	Guardrail, Type B	8070000	82.000	Ft
0170	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0180	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0190	Guardrail Reflector	8070080	20.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	850.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	850.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	149.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	149.000	Sft
0270	Ditch, Plain Cobble	8140005	50.000	Syd

0280	_ Slope Restoration, Modified	8167011	400.000	Syd
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Section: 2

0290	Structures, Rem	2040060	1.000	LSUM
0300	Backfill, Structure, CIP	2060002	450.000	Cyd
0310	Excavation, Fdn	2060010	950.000	Cyd
0320	Erosion Control, Filter Bag	2080014	2.000	Ea
0330	_ Turbidity Curtain, Modified	2087001	196.000	Ft
0340	Underdrain, Fdn, 4 inch	4040031	66.000	Ft
0350	Underdrain Outlet, 4 inch	4040091	32.000	Ft
0360	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0370	Cofferdams	7040007	1.000	LSUM
0380	_ Steel Sheet Piling, Permanent, Galvanized	7047010	3,320.000	Sft
0390	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0400	Pile, Steel, Furn and Driven, 12 inch	7050030	1,279.000	Ft
0410	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0420	Pile, Steel, Splice	7050050	32.000	Ea
0430	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	64.000	Cyd
0450	Conc, Grade T	7060013	79.000	Cyd
0460	Conc, Low Temperature Protection	7060020	217.000	Cyd
0470	Expansion Joint Device	7060050	22.000	Ft
0480	False Decking	7060060	650.000	Sft
0490	Reinforcement, Steel, Epoxy Coated	7060092	24,874.000	Lb
0500	Substructure Conc	7060100	144.000	Cyd
0510	Superstructure Conc	7060110	9.000	Cyd
0520	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0530	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0540	Superstructure Conc, Night Casting	7060113	64.000	Cyd
0550	Bearing, Elastomeric, 1 inch	7070012	1,809.000	Sin
0560	Bearing, Elastomeric, 1 1/4 inch	7070013	1,809.000	Sin
0570	Prest Conc Deck, 27 inch	7080004	2,128.000	Sft
0580	Post Tensioning	7080015	1.000	LSUM
0590	Joint Waterproofing	7100001	196.000	Sft
0600	Joint Waterproofing, Expansion	7100003	89.000	Sft
0610	Conc Surface Coating (SN 6777)	7100010	1.000	LSUM
0620	Bridge Railing, Aesthetic Parapet Tube	7110005	152.000	Ft
0630	Riprap, Heavy	8130005	350.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 010

Letting Date: November 3, 2017

Contract ID: 03609-119616

Description: 37.65 mi of clearing and restoration along various routes, Allegan County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119616A	HSIP 1703(013)	KK4394	HSIP 03609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2027002	1,988.000	Sta
0030	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0040	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	384.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	384.000	Sft
0080	Traf Regulator Control	8120370	1.000	LSUM
0090	Slope Restoration, Type A	8160100	12,000.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 011

Letting Date: November 3, 2017

Contract ID: 44609-130946

Description: 0.48 mi of hot mix asphalt surfacing, horizontal and vertical alignment and intersection improvements, concrete curb, gutter and spillway, drainage, signing and pavement markings on Brown City Road and Dorrow Road at Imlay City Road, Lapeer County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130946A	HSIP 1744(011)	KK4376	HRRR 44609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.800	Acre
0030	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0040	Pavt, Rem	2040050	103.000	Syd
0050	Embankment, CIP	2050010	1,000.000	Cyd
0060	Excavation, Earth	2050016	23,400.000	Cyd
0070	Machine Grading	2050030	29.000	Sta
0080	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	70.000	Ft
0100	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0110	_ Aggregate Base, Modified	3027031	4,500.000	Ton
0120	HMA Base Crushing and Shaping	3050002	2,103.000	Syd
0130	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0140	Salv Crushed Material, LM	3050015	500.000	Cyd
0150	Maintenance Gravel	3060020	500.000	Ton
0160	_ Shoulder, CI II, 5 inch, Modified	3067011	1,635.000	Syd
0170	Trenching	3070200	30.000	Sta
0180	_ Approach, CI II, Modified	3077031	100.000	Ton
0190	Geotextile, Stabilization	3080010	4,500.000	Syd
0200	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0220	Culv, CI A, CSP, 12 inch	4010199	235.000	Ft
0230	Culv, CI A, CSP, 15 inch	4010200	95.000	Ft
0240	Culv, CI A, CSP, 18 inch	4010201	50.000	Ft
0250	Sewer, CI IV, 12 inch, Tr Det B	4020987	140.000	Ft
0260	Dr Structure Cover, Type B	4030010	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	1.000	Ea

0280	Pavt for Butt Joints, Rem	5010008	16.000	Syd
0290	HMA, 3C	5010031	1,530.000	Ton
0300	HMA, 5E1	5010056	1,020.000	Ton
0310	HMA Approach	5010061	55.000	Ton
0320	Curb and Gutter, Conc, Det B2	8020016	322.000	Ft
0330	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0340	Spillway, Conc	8020075	20.000	Ft
0350	Post, Mailbox	8070095	4.000	Ea
0360	Post, Steel, 3 lb	8100371	736.000	Ft
0370	Post, Wood, 6 inch by 8 inch	8100382	96.000	Ft
0380	Sign, Type IIB	8100399	25.000	Sft
0390	Sign, Type III, Rem	8100403	16.000	Ea
0400	Sign, Type IIIA	8100404	126.000	Sft
0410	Sign, Type IIIB	8100405	162.000	Sft
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	48.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	82.000	Ft
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,660.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,000.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0480	Dust Palliative, Applied	8120100	20.000	Ton
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	870.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	444.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	444.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	330.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	330.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Riprap, Plain	8130010	39.000	Syd
0590	_ Turf Establishment, Performance-No Rye, Special	8167011	11,950.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 171103 012

Letting Date: November 3, 2017

Contract ID: 59609-130957

Description: 23.00 mi of removing trees and other fixed objects from clear zone on County Farm Road from Industrial Park Drive to the west village limits of Sheridan and on Stanton Road from South Sheridan Road (M-66) to Crystal Road and from 1st Street to Greenville Road NW (M-91) in the city of Stanton, Montcalm County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130957A	HRRR 1759(012)	KK4368	HRRR 59609
130958A	HSIP 1759(015)	KK4393	HRRR 59609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,700.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	78.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	130.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	31.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	530.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0080	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0090	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0160	Slope Restoration, Type B	8160101	3,485.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 013

Letting Date: November 3, 2017

Contract ID: 17000-201014

Description: 0.04 mi of hot mix asphalt surfacing, shoulder work and culvert replacement on 9 Mile Road west of Ridge Road, Chippewa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201014A	STP 1717(013)	RT0728	STL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Over 48 inch	2030003	2.000	Ea
0030	Guardrail, Rem	2040035	400.000	Ft
0040	Embankment, LM	2050011	140.000	Cyd
0050	Excavation, Earth	2050016	1,500.000	Cyd
0060	Machine Grading	2050030	2.000	Sta
0070	Backfill, Structure, CIP	2060002	1,086.000	Cyd
0080	Erosion Control, Silt Fence	2080036	400.000	Ft
0090	Subbase, LM	3010003	70.000	Cyd
0100	Aggregate Base, 8 inch	3020020	117.000	Syd
0110	Shoulder, CI II, LM	3070123	10.000	Cyd
0120	Geotextile, Separator	3080005	187.000	Syd
0130	Culv Bedding, Box Culv	4060005	62.000	Cyd
0140	Culv, Precast Conc Box, 8 foot by 6 foot	4060117	100.000	Ft
0150	HMA Surface, Rem	5010005	539.000	Syd
0160	HMA, LVSP	5010703	130.000	Ton
0170	Curb Sloped, HMA	8050010	400.000	Ft
0180	Guardrail, Type B	8070000	275.000	Ft
0190	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0200	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0210	Guardrail Reflector	8070080	12.000	Ea
0220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	375.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	375.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Riprap, Plain	8130010	65.000	Syd

0290

Slope Restoration, Type B

8160101

130.000

Syd



Schedule of Pay Items

Report v1

Letting Call: 171103 014

Letting Date: November 3, 2017

Contract ID: 13000-126411

Description: 1.82 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate base, guardrail and pavement markings on Albion Road (B Drive South) from 29 Mile Road to 29 1/2 Mile Road and on 29 1/2 Mile Road from Albion Road to East Michigan Avenue, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126411A	STP 1713(016)	HK1723	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	480.000	Ft
0030	Pavt, Rem	2040050	20.000	Syd
0040	_ Clearing, Modified	2047051	1.000	LSUM
0050	Embankment, CIP	2050010	500.000	Cyd
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Aggregate Base, LM	3020002	2,400.000	Cyd
0080	_ HMA Base Crushing and Shaping, Modified	3057011	21,375.000	Syd
0090	Shoulder, CI II	3070121	20.000	Ton
0100	Shoulder, CI III	3070141	50.000	Ton
0110	_ Approach CI II, Modified	3077031	15.000	Ton
0120	Cold Milling HMA Surface	5010002	1,225.000	Syd
0130	HMA Surface, Rem	5010005	210.000	Syd
0140	HMA, LVSP	5010703	6,160.000	Ton
0150	Guardrail, Type B	8070000	525.000	Ft
0160	Guardrail, Backed, Det G1	8070015	12.000	Ea
0170	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0180	Guardrail Reflector	8070080	15.000	Ea
0190	Post, Mailbox	8070095	4.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	44.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,100.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,900.000	Ft
0240	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0250	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	974.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	974.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Slope Restoration, Modified	8167011	5,400.000	Syd
0350	_ Railroad Protection, at Grade Crossing	8507060	4,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 171103 015

Letting Date: November 3, 2017

Contract ID: 11021-131369

Description: Deep concrete overlay, full-depth deck patches, partial deck and deck joint replacement, bridge barrier railing replacement, substructure patching, fascia repair, substructure horizontal surface sealer, concrete surface coating, bridge cleaning, approach work and maintaining traffic on US-12 over the Galien River, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131369A	STP 1711(028)	HK1710	ST 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	209.000	Ft
0040	Guardrail, Rem	2040035	300.000	Ft
0050	Pavt, Rem	2040050	725.000	Syd
0060	Embankment, CIP	2050010	20.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0080	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0110	Subbase, CIP	3010002	300.000	Cyd
0120	Aggregate Base, 6 inch	3020016	833.000	Syd
0130	Shoulder, CI II, 6 inch	3070128	100.000	Syd
0140	Dr Marker Post	4011109	2.000	Ea
0150	Outfall Label	4011115	2.000	Ea
0160	Sewer, CI A, 15 inch, Tr Det B	4020034	198.000	Ft
0170	Video Taping Sewer and Culv Pipe	4021275	198.000	Ft
0180	Dr Structure Cover, Type D	4030025	4.000	Ea
0190	Dr Structure, 24 inch dia	4030200	2.000	Ea
0200	Dr Structure, 48 inch dia	4030210	2.000	Ea
0210	HMA Surface, Rem	5010005	1,327.000	Syd
0220	Joint, Contraction, Cp	6020200	48.000	Ft
0230	Joint, Contraction, C3p	6020201	40.000	Ft
0240	Joint, Expansion, E2	6020207	144.000	Ft
0250	Joint, Expansion, E3	6020208	88.000	Ft
0260	Joint, Expansion, E4	6020209	120.000	Ft
0270	Conc Quality Initiative	6020401	2,175.000	Dir

0280	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	540.000	Syd
0290	Joint, Contraction, Crg	6030020	88.000	Ft
0300	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	185.000	Syd
0310	Reinforcement, Steel, Culv and Headwall	7060091	92.000	Lb
0320	Curb and Gutter, Bridge Approach	8020010	68.000	Ft
0330	Guardrail, Type B	8070000	250.000	Ft
0340	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0350	Guardrail Reflector	8070080	16.000	Ea
0360	Post, Mailbox	8070095	1.000	Ea
0370	Fence, Protective	8080007	3,800.000	Ft
0380	Delineator Reflector	8100130	6.000	Ea
0390	Post, Delineator	8100350	6.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	625.000	Ft
0410	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,500.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	625.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,500.000	Ft
0440	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	300.000	Ft
0450	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	600.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0480	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0490	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0500	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0510	Conc Barrier, Temp, Furn	8120081	420.000	Ft
0520	Conc Barrier, Temp, Oper	8120082	420.000	Ft
0530	Conc Barrier, Temp, Relocated	8120083	420.000	Ft
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	Mobile Attenuator	8120180	1.000	Ea
0580	Pavt Mrkg Cover, Type R, Black	8120200	3,600.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,800.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,500.000	Ft
0610	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0630	Sign Cover	8120310	15.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	456.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	456.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	_ Temp Rumble Strips (Orange)	8127001	1,100.000	Ft
0680	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0690	_ Sign, Portable, Changeable Message, NTCIP-	8127050	2.000	Ea

	Compliant, Oper			
0700	Riprap, Plain	8130010	6.000	Syd
0710	Slope Restoration, Type A	8160100	425.000	Syd
0720	Slope Restoration, Type B	8160101	156.000	Syd
0730	Slope Restoration, Type C	8160102	78.000	Syd
0740	Elec Serv, Rem	8190225	1.000	Ea
0750	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
0760	Wood Pole, Cl 4, 40 foot	8190473	7.000	Ea
0770	Wood Pole, Fit Up, Metered Sec Elec Serv	8190489	1.000	Ea
0780	Wood Pole, Rem	8190505	7.000	Ea
0790	Anchor Guy	8200001	3.000	Ea
0800	Controller and Cabinet, Rem	8200030	1.000	Ea
0810	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0820	Metered Serv	8200090	1.000	Ea
0830	Metered Serv, Rem	8200095	1.000	Ea
0840	Power Co. (Est. Cost to Contractor)	8200116	700.000	Dir
0850	Serv Disconnect	8200135	1.000	Ea
0860	Serv Disconnect, Rem	8200136	1.000	Ea
0870	Span Wire	8200140	2.000	Ea
0880	Span Wire, Rem	8200141	2.000	Ea
0890	Guy, Rem	8200167	7.000	Ea
0900	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0910	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
0920	Wireless Vehicle Detection System	8200422	1.000	Ea
0930	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
0940	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0950	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0960	Non-Freeway Shoulder Corrugations, Milled, Conc Corrugations, Milled, Conc	8220024	220.000	Ft
0970	Contractor Staking	8240001	1.000	LSUM
0980	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0990	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1000	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

Section: 2

1010	Bridge Ltg, Furn and Rem (B01 of 11021)	7060001	1.000	LSUM
1020	Bridge Ltg, Oper and Maintain	7060002	6.000	Cyd
1030	Conc, Grade D	7060010	16.000	Cyd
1040	Expansion Joint Device	7060050	93.000	Ft
1050	False Decking	7060060	5,953.000	Sft
1060	Reinforcement, Steel, Epoxy Coated	7060092	8,463.000	Lb
1070	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 11021)	7060112	1.000	LSUM
1080	Superstructure Conc, Night Casting, High Performance	7060117	6.000	Cyd
1090	_ Expansive Waterstop	7067001	195.000	Ft

1100	Joint Waterproofing	7100001	131.000	Sft
1110	Conc Surface Coating (B01 of 11021)	7100010	1.000	LSUM
1120	Substructure Horizontal Surface Sealer (B01 of 11021)	7100030	29.000	Syd
1130	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	73.000	Ft
1140	Bridge Railing, Aesthetic, Type 4, Det 2, Modified, High Performance	7110061	185.000	Ft
1150	Scarifying	7120001	620.000	Syd
1160	Hand Chipping, Other Than Deck	7120007	270.000	Cft
1170	Patch, Forming	7120017	810.000	Sft
1180	Bridge Deck Surface Construction	7120025	625.000	Syd
1190	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	558.000	Ea
1200	Structures, Rehabilitation, Rem Portions (B01 of 11021)	7120070	1.000	LSUM
1210	Deck Joint, Rem	7120071	88.000	Ft
1220	Hydrodemolition, First Pass	7120076	620.000	Syd
1230	Hydrodemolition, Second Pass	7120077	62.000	Syd
1240	Top Flanges and Beam Ends, Clean and Coat	7120100	7.000	Syd
1250	Patching Conc, C-L	7120112	10.000	Cyd
1260	Embedded Galvanic Anode	7120120	705.000	Ea
1270	_ Conc, Deep Bridge Deck Ovly	7127021	95.000	Cyd
1280	_ Bridge Cleaning (B01 of 11021)	7127051	1.000	LSUM
1290	Support, Column, Temp	7130080	2.000	Ea
1300	Support, Diaphragm, Temp	7130081	3.000	Ea
1310	Drain Casting Assembly	7170010	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 171103 016

Letting Date: November 3, 2017

Contract ID: 25131-130068

Description: Epoxy overlay, substructure repairs, railing and pack rust, steel structure cleaning and coating, rocker alignment and approach on I-75 northbound and the ramp under Saginaw Road, Genesee County.
This project includes a 2 year warranty and a 5 year performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130068A	IM 1725(034)	KK4400	IM 25131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	44.000	Ft
0030	Guardrail, Rem	2040035	175.000	Ft
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	2.000	Ea
0050	Dr Structure Cover, Type D	4030025	2.000	Ea
0060	Curb and Gutter, Bridge Approach	8020010	44.000	Ft
0070	Guardrail, Type B	8070000	50.000	Ft
0080	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	680.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	560.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0130	Channelizing Device, 42 inch, Furn	8120030	205.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	205.000	Ea
0150	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
0160	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0170	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0180	Conc Barrier, Temp, Adj	8120080	450.000	Ft
0190	Conc Barrier, Temp, Furn	8120081	450.000	Ft
0200	Conc Barrier, Temp, Oper	8120082	450.000	Ft
0210	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0220	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Ltg for Night Work	8120160	1.000	LSUM
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	680.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	560.000	Ft
0290	Plastic Drum, High Intensity, Furn	8120250	85.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	85.000	Ea
0310	Sign Cover	8120310	50.000	Ea
0320	Sign Cover, Type 1	8120320	4.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	2,129.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	2,129.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	72.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	72.000	Sft
0370	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0380	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea

Section: 2

0390	False Decking	7060060	6,600.000	Sft
0400	Reinforcement, Steel, Epoxy Coated	7060092	500.000	Lb
0410	Conc Surface Coating, Warranty (S01 of 25131)	7100009	1.000	LSUM
0420	_ Bridge Barrier Railing, Reconst Portions	7117001	50.000	Ft
0430	Hand Chipping, Deep	7120004	10.000	Syd
0440	Hand Chipping, Other Than Deck	7120007	190.000	Cft
0450	Patch, Forming	7120017	535.000	Sft
0460	Patching Conc, C-L	7120112	9.000	Cyd
0470	Embedded Galvanic Anode	7120120	1,000.000	Ea
0480	_ Priority 1, Epoxy Ovly, Warranty	7127011	1,282.000	Syd
0490	Beam Plate, Seal Perimeter	7130010	235.000	Ft
0500	Rocker, Realign	7130050	6.000	Ea
0510	_ Pack Rust Repair	7137001	18.000	Ft
0520	Steel Structure, Cleaning, Partial, Type 4 (S01 of 25131)	7150047	1.000	LSUM
0530	Steel Structure, Coating, Partial, Type 4 (S01 of 25131)	7150048	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 171103 017

Letting Date: November 3, 2017

Contract ID: 411044-122338

Description: Terminal apron reconstruction at the Gerald R. Ford International Airport, city of Grand Rapids, Kent County. Option 1 is a Cement Treated base course and Option 2 is a Crushed Aggregate base course. See Special Notice to Bidders - Bid Options for additional 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
122338A	3-26-0039-5518	N/A	FM 411044
122344A	3-26-0039-5719	N/A	FM 411044
126789A	3-26-0039-5819	N/A	FM 411044
201739A	3-26-0039-5618	N/A	FM 411044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Misc. Field Office Equipment.	1007051	1.000	LSUM
0040	Misc. Project Survey and Stakeout.	1007051	1.000	LSUM
0050	Profile Milling	1010211	10,000.000	SYD
0060	Cold Mill Bituminous Pavement, Specified Thickness	1010230	18,500.000	Syd
0070	Filling of Joints and Cracks	1010267	10,000.000	Lft
0080	Joint Crack Repair	1010269	1,500.000	Lft
0090	Preparation of Existing Pavement	1010280	1.000	LSUM
0100	Misc. Milling To Remove Delaminated Pavement.	1017211	1,000.000	Syd
0110	Misc. Pavement Excavation	1017211	155,000.000	Syd
0120	Bare Counterpoise Wire, #6, Solid, Installed	1080531	5,600.000	Lft
0130	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	6,500.000	Lft
0140	Plastic Conduit, 2", Direct Burial	1100614	2,100.000	Lft
0150	Misc. 20-Way Electrical Duct Bank.	1107001	280.000	Lft
0160	Misc. 3-Way Electrical Duct Bank.	1107001	400.000	Lft
0170	Misc. 4-Way Electrical Duct Bank.	1107001	200.000	Lft
0180	Misc. 6-Way Electrical Duct Bank.	1107001	160.000	Lft
0190	Misc. Plastic Conduit, 2", Concrete Encased.	1107001	1,900.000	Lft
0200	Misc. Removal of Existing Duct Bank.	1107001	600.000	Lft
0210	Misc. Airfield Electrical Junction Can.	1157050	9.000	Ea
0220	Misc. Electric Manhole.	1157050	5.000	Ea

0230	Misc. Modification of Existing Electrical Manhole, Type 1.	1157050	2.000	Ea
0240	Misc. Modification of Existing Electrical Manhole, Type II.	1157050	2.000	Ea
0250	Misc. Removal of Airfield Electrical Junction Can.	1157050	2.000	Ea
0260	Misc. Removal of Electrical Manhole.	1157050	5.000	Ea
0270	Misc. Structurally Modify Double Chamber EMH No. 2.	1157050	1.000	Ea
0280	Misc. Structurally Modify Double Chamber EMH No.1.	1157050	1.000	Ea
0290	Relocate Guidance Sign	1250798	4.000	Ea
0300	Taxiway Reflector, L853, 30" High	1250800	40.000	Ea
0310	Misc. Medium Intensity Taxiway Light, Base Mounted, in Pavement, Install Salvaged Fixture.	1257050	30.000	Ea
0320	Misc. Medium Intensity Taxiway Light, Base Mounted, In Turf, Install Salvaged Fixture.	1257050	22.000	Ea
0330	Misc. Removal of Existing Base Mounted Taxiway Edge Light and Salvage Existing Fixture.	1257050	4.000	Ea
0340	Misc. Removal of Existing Retroreflective Marker and Base.	1257050	24.000	Ea
0350	Misc. Removal of Existing Stake Mounted Taxiway Edge Light and Salvage Existing Fixture.	1257050	50.000	Ea
0360	Misc. Removal of Guidance Sign and Foundation.	1257050	6.000	Ea
0370	Misc. Removal of Existing Guardrail.	1517001	100.000	Lft
0380	Misc. Removal of Bollard.	1517050	20.000	Ea
0390	Unclassified Excavation	1520410	204,000.000	Cyd
0400	Subbase Course	1540510	98,000.000	Cyd
0410	Misc. MDOT 1X3 Aggregate	1547021	4,750.000	Cyd
0420	Erosion Control, Silt Fence	1560625	25,000.000	Lft
0430	Erosion Control, Check Dam	1560635	30.000	Lft
0440	Erosion Control, Storm Drain Inlet Protection in Turf	1560637	22.000	Ea
0450	Erosion Control, Storm Drain Inlet Protection in Pavement	1560638	60.000	Ea
0460	Misc. Erosion Control, Stabilized Construction Entrance	1567050	5.000	Ea
0470	Misc. Compliance with Pollution, Erosion, and Siltation	1567051	1.000	LSUM
0480	Bollard	1620515	70.000	Ea
0490	Misc. MDOT Guardrail, Type A (Steel Post in Existing Pavement)	1627001	100.000	Lft
0500	Misc. MDOT Guardrail Departing Terminal, Type B.	1627050	4.000	Ea
0510	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	9,600.000	Cyd
0520	Misc. Crushed Concrete Aggregate Base Course (MDOT21AA).	2097021	3,200.000	Cyd
0530	Bituminous Leveling Base Course	4010615	500.000	Ton
0540	Bituminous Surface Course-Gradation 2	4010638	4,800.000	Ton
0550	Bituminous Surface Course-Gradation 2	4030638	3,000.000	Ton
0560	Misc. Bituminous Surface Course, MDOT 13A.	4037031	2,800.000	Ton
0570	Portland Cement Concrete Pavement, 8" Non-Reinforced	5010512	11,000.000	Syd
0580	Portland Cement Concrete Pavement, 16" Non-Reinforced	5010520	142,000.000	Syd

0590	Bituminous Tack Coat	6030510	4,500.000	Gal
0600	Misc. Concrete Sidewalk, Complete.	6107010	160.000	Sft
0610	Remove Airport Pavement Marking	6200540	31,000.000	Sft
0620	Misc. Pavement Marking, Waterborne Type I or II.	6207010	30,000.000	Sft
0630	Misc. Pavement Marking, Waterborne Type III with Reflective Media.	6207010	37,000.000	Sft
0640	Misc. Temporary Pavement Marking, Waterborne Type I or II.	6207010	20,000.000	Sft
0650	Concrete Culvert & Sewer Pipe 12", Reinforced, C76, Class IV	7010560	1,700.000	Lft
0660	Concrete Culvert & Sewer Pipe 15", Reinforced, C76, Class IV	7010561	200.000	Lft
0670	Concrete Culvert & Sewer Pipe 18", Reinforced, C76, Class IV	7010562	1,500.000	Lft
0680	Concrete Culvert & Sewer Pipe 24", Reinforced, C76, Class IV	7010564	1,700.000	Lft
0690	Concrete Culvert & Sewer Pipe 30", Reinforced, C76, Class IV	7010566	1,400.000	Lft
0700	Concrete Culvert & Sewer Pipe 36", Reinforced, C76, Class IV	7010567	1,200.000	Lft
0710	Concrete Culvert & Sewer Pipe 42", Reinforced, C76, Class IV	7010568	1,200.000	Lft
0720	Concrete Culvert & Sewer Pipe 48", Reinforced, C76, Class IV	7010569	900.000	Lft
0730	Removal of Existing Concrete Pipe	7010970	7,500.000	Lft
0740	Misc. HDPE DR11 6" Class B Bedding	7017001	1,200.000	Lft
0750	Underdrain Cleanout, As Specified	7050525	29.000	Ea
0760	Misc. PVC Non-Perforated Underdrain Pipe 4".	7057001	1,100.000	Lft
0770	Misc. PVC Non-Perforated Underdrain Pipe 6".	7057001	700.000	Lft
0780	Misc. PVC Perforated Underdrain Pipe 6".	7057001	20,000.000	Lft
0790	Misc. Removal of Existing Underdrain Cleanout.	7057050	5.000	Ea
0800	Adjust Drainage Structure	7510560	7.000	Ea
0810	Remove Drainage Structure	7510562	54.000	Ea
0820	4 ft Diameter Manhole	7510600	24.000	Ea
0830	5 ft Diameter Manhole	7510605	3.000	Ea
0840	6 ft Diameter Manhole	7510610	2.000	Ea
0850	8 ft Diameter Manhole	7510618	2.000	Ea
0860	9 ft Diameter Manhole	7510620	3.000	Ea
0870	Misc. 5' Dia. Catch Basin, Single-Grate Inlet.	7517050	3.000	Ea
0880	Misc. 6' Dia. Catch Basin, Double-Grate Inlet.	7517050	22.000	Ea
0890	Misc. 6' Dia. Catch Basin, Single-Grate Lift Assist Inlet.	7517050	2.000	Ea
0900	Misc. 8' Dia. Catch Basin, Double-Grate Lift Assist Inlet.	7517050	3.000	Ea
0910	Misc. 8' Dia. Catch Basin, Single -Grate Inlet.	7517050	1.000	Ea
0920	Misc. 8' Dia. Catch Basin, Three-Grate Inlet.	7517050	3.000	Ea
0930	Misc. Air Release Structures, Complete.	7517050	1.000	Ea
0940	Misc. Connect Existing 18-Inch or Smaller Diameter Pipe To Proposed Structure, Complete.	7517050	10.000	Ea
0950	Misc. Connect Existing 21-Inch or Larger Diameter Pipe To Proposed Structure, Complete.	7517050	4.000	Ea

0960	Misc. Connect Proposed 18-Inch or Smaller Diameter Pipe to Existing Structure, Complete.	7517050	8.000	Ea
0970	Misc. Connect Proposed 18-Inch or Smaller Diameter Pipe To Proposed C.O., Complete.	7517050	2.000	Ea
0980	Misc. Connect Proposed 18-Inch or Smaller Diameter Pipe To Proposed Structure, Complete.	7517050	13.000	Ea
0990	Misc. Connect Proposed 21-Inch or Larger Diameter Pipe To Existing Structure, Complete.	7517050	2.000	Ea
1000	Misc. Connect Roof Drain From Existing 6-inch Dia. V.C. To New 6-inch Dia. PVC.	7517050	5.000	Ea
1010	Concrete Curb, Size as Specified	7540550	900.000	Lft
1020	Misc. 1" Concrete-Encased Schedule 40 PVC Conduit in Pavement.	8007001	800.000	Lft
1030	Misc. 1" Schedule 40 PVC Conduit in Turf	8007001	1,400.000	Lft
1040	Misc. 1-1/4" Concrete-Encased Schedule 40 PVC Conduit in Pavement.	8007001	1,700.000	Lft
1050	Misc. 1-1/4" Schedule 40 PVC Conduit in Turf.	8007001	850.000	Lft
1060	Misc. 1-Way 1-Inch HDPE Directional Bore.	8007001	160.000	Lft
1070	Misc. 8-inch Ductile Iron Pipe, Class 56	8007001	2,900.000	Lft
1080	Misc. 8-Inch Sanitary Sewer Pipe.	8007001	600.000	Lft
1090	Misc. No. 4 AWG, 600V, Type THWN Cable	8007001	10,000.000	Lft
1100	Misc. No. 8 AWG, 600V, Type THWN Cable.	8007001	22,000.000	Lft
1110	Misc. Removal of Existing Sanitary Sewer Pipe.	8007001	500.000	Lft
1120	Misc. Removal of Existing Water Lines and Appurtenances.	8007001	2,000.000	Lft
1130	Misc. Separation Fabric.	8007011	15,000.000	Syd
1140	Misc. Structural Geogrid Reinforcement.	8007011	15,000.000	Syd
1150	Misc. Aesthetically Impacted Material Spoiled On Site.	8007021	10,000.000	Cyd
1160	Misc. Aesthetically Impacted Material Excavation, Disposed Off Site at Type II Landfill.	8007031	3,000.000	Ton
1170	Misc. 35,000-Gallon Glycol Recovery Underground Storage Tanks, Complete.	8007050	2.000	Ea
1180	Misc. 8-inch Ductile Iron Gate Valve	8007050	16.000	Ea
1190	Misc. Diversion Structures, Complete.	8007050	2.000	Ea
1200	Misc. Fire Hydrant Assembly, Including Hydrant Valve and Lateral.	8007050	7.000	Ea
1210	Misc. Install Existing Light Pole on New Foundation	8007050	10.000	Ea
1220	Misc. Landside Unloading Pads Control Panels, Complete.	8007050	2.000	Ea
1230	Misc. Landside Unloading Pads Flow Meter.	8007050	2.000	Ea
1240	Misc. Landside Unloading Pads Mechanical, Complete.	8007050	2.000	Ea
1250	Misc. New 57.5' Light Pole With Three LED Apron Area Lighting Fixtures.	8007050	2.000	Ea
1260	Misc. New 57.5' Light Pole With Two LED Apron Area Lighting Fixtures.	8007050	2.000	Ea
1270	Misc. New 67.5' Light Pole With Two LED Apron Area Lighting Fixtures	8007050	18.000	Ea
1280	Misc. One LED Apron Area Lighting Fixture Mounted on Existing 40.0' Light Pole.	8007050	3.000	Ea
1290	Misc. One LED Parking Lot Lighting Fixture Mounted on Existing Light Pole.	8007050	1.000	Ea

1300	Misc. Removal of Apron Area Light Fixtures From Existing Light Pole.	8007050	15.000	Ea
1310	Misc. Removal of Existing Fire Hydrant and Water Valve.	8007050	5.000	Ea
1320	Misc. Removal of Light Pole, Fixtures, and Foundation.	8007050	29.000	Ea
1330	Misc. Removal of Parking Lot Light Fixtures From Existing Light Pole.	8007050	1.000	Ea
1340	Misc. Removal of Sanitary Manhole.	8007050	1.000	Ea
1350	Misc. Replace Gate Valve on Existing 6-Inch Waterline.	8007050	1.000	Ea
1360	Misc. Sample Pump, Complete.	8007050	3.000	Ea
1370	Misc. Sample Shelter Plumbing, Complete.	8007050	2.000	Ea
1380	Misc. Sample Shelters, Complete.	8007050	2.000	Ea
1390	Misc. Sanitary Manhole.	8007050	2.000	Ea
1400	Misc. Soft Dig.	8007050	60.000	Ea
1410	Misc. Three LED Apron Area Lighting Fixtures Mounted on Existing 40.0' Light Pole.	8007050	2.000	Ea
1420	Misc. Three LED Apron Area Lighting Fixtures Mounted on Existing 50.0' Light Pole.	8007050	1.000	Ea
1430	Misc. Three LED Apron Area Lighting Fixtures Mounted on Existing 67.5' Light Pole.	8007050	4.000	Ea
1440	Misc. TOC Analyzer, Complete.	8007050	2.000	Ea
1450	Misc. Two LED Apron Area Lighting Fixtures Mounted on Existing 40.0' Light Pole.	8007050	7.000	Ea
1460	Misc. Two LED Apron Area Lighting Fixtures Mounted on Existing 50.0' Light Pole.	8007050	1.000	Ea
1470	Misc. Two LED Apron Area Lighting Fixtures Mounted on Existing 67.5' Light Pole.	8007050	6.000	Ea
1480	Misc. Backflow Preventer Chamber & Meter Chamber Assembly.	8007051	1.000	LSUM
1490	Misc. Cleaning and Televising Storm Sewer System.	8007051	1.000	LSUM
1500	Misc. Cndt&Wrng E/W Glycl sys-w/lghtng prt-bld	8007051	1.000	LSUM
1510	Misc. Concourse Building Power Distribution and Area Lighting System.	8007051	1.000	LSUM
1520	Misc. Lift Stations - West Apron, Complete.	8007051	1.000	LSUM
1530	Misc. Lift Stations-Penalty Box, Complete.	8007051	1.000	LSUM
1540	Misc. Loop Detector Wiring Replacement.	8007051	1.000	LSUM
1550	Misc. Relocation of Existing Pole-Mounted Antenna.	8007051	1.000	LSUM
1560	Misc. Removal of Existing Backflow Preventer Chamber & Meter Chamber Assembly.	8007051	1.000	LSUM
1570	Misc. Airport Access Control Contractor Allowance.	8007060	25,000.000	Dir
1580	Misc. Airport Security Allowance.	8007060	200,000.000	Dir
1590	Misc. Plumbing Permit and Allowance.	8007060	5,000.000	Dir
1600	Misc. Soil Erosion and Sedimentation Control Permit Allowance	8007060	2,500.000	Dir
1610	Hydroseeding with Mixture and Rate, As Specified	9010525	170,000.000	Syd

Section: 2

1620	Subbase Course	1540510	24,800.000	Cyd
1630	Cement Treated Base Course, 6"	3010510	143,000.000	Syd

Section: 3

1640	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	24,800.000	Cyd
1650	Bituminous Surface Course-Gradation 1	4030636	55,500.000	Ton



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 018

Letting Date: November 3, 2017

Contract ID: 63459-130519

Description: 0.95 mi of widening for center-turn lane, hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, station grading, aggregate base, drainage and watermain on Pontiac Road from Commonwealth Road to University Drive 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
130519A	STP 1763(056)	HK1730	STU 63459

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$250,500.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0040	Curb and Gutter, Rem	2040020	3,259.000	Ft
0050	Guardrail, Rem	2040035	425.000	Ft
0060	Sidewalk, Rem	2040055	329.000	Syd
0070	_ Driveway, Rem	2047011	3,344.000	Syd
0080	_ Pavt, Rem, Modified	2047011	1,194.000	Syd
0090	_ Exploratory Excavation	2047050	10.000	Ea
0100	_ Station Grading	2057002	50.000	Sta
0110	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0120	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	45.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,690.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Aggregate Base, 4 inch, Modified	3027011	764.000	Syd
0160	_ Aggregate Base, 5 inch, Modified	3027011	3,684.000	Syd
0170	_ Aggregate Base, 9 inch, Modified	3027011	3,484.000	Syd
0180	Maintenance Gravel	3060020	750.000	Ton
0190	_ Shoulder, CI II, 5 inch, Modified	3077011	1,373.000	Syd
0200	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0210	Sewer, CI IV, 12 inch, Tr Det B	4020987	463.000	Ft
0220	Sewer Tap, 15 inch	4021205	1.000	Ea
0230	Sewer Tap, 48 inch	4021211	1.000	Ea
0240	Sewer Bulkhead, 12 inch	4021230	4.000	Ea
0250	_ Gate Well Cover, Adj, Case 1	4027050	6.000	Ea
0260	_ Gate Well Cover, Adj, Case 2	4027050	1.000	Ea
0270	_ Sanitary Structure Cover, Adj, Case 1	4027050	8.000	Ea

0280	_ Sanitary Structure Cover, Adj, Case 2	4027050	1.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0300	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0310	Dr Structure Cover, Type B	4030010	5.000	Ea
0320	Dr Structure Cover, Type D	4030025	3.000	Ea
0330	Dr Structure Cover, Type G	4030040	5.000	Ea
0340	Dr Structure Cover, Type K	4030050	9.000	Ea
0350	Dr Structure Cover, Type Q	4030065	5.000	Ea
0360	Dr Structure, 24 inch dia	4030200	3.000	Ea
0370	Dr Structure, 48 inch dia	4030210	2.000	Ea
0380	Dr Structure, Adj, Add Depth	4030280	25.000	Ft
0390	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0400	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0410	_ Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4037001	3.000	Ft
0420	_ Dr Structure, 84 inch dia	4037050	1.000	Ea
0430	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	7,650.000	Ft
0440	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0460	Cold Milling HMA Surface	5010002	16,995.000	Syd
0470	Hand Patching	5010025	230.000	Ton
0480	HMA, 3E3	5010045	3,446.000	Ton
0490	HMA, 5E3	5010057	2,299.000	Ton
0500	HMA Approach	5010061	1,625.000	Ton
0510	_ HMA, Wedging	5017031	300.000	Ton
0520	Cold Milling Conc Pavt	6030014	7,650.000	Syd
0530	Driveway, Nonreinf Conc, 6 inch	8010005	191.000	Syd
0540	Driveway, Nonreinf Conc, 9 inch	8010008	1,402.000	Syd
0550	Curb and Gutter, Conc, Det F4	8020038	4,176.000	Ft
0560	Driveway Opening, Conc, Det M	8020050	1,240.000	Ft
0570	Detectable Warning Surface	8030010	66.000	Ft
0580	Sidewalk Ramp, Conc, 6 inch	8030036	620.000	Sft
0590	Sidewalk, Conc, 4 inch	8030044	3,428.000	Sft
0600	Shared use Path, HMA	8060040	71.000	Ton
0610	Guardrail, Type B	8070000	413.000	Ft
0620	Guardrail, Backed, Det G1	8070015	44.000	Ea
0630	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0640	Guardrail Reflector	8070080	45.000	Ea
0650	_ Post Mailbox, Remove and Reset	8077050	50.000	Ea
0660	Post, Steel, 3 lb	8100371	60.000	Ft
0670	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0680	Pavt Mrkg, Polyurea, 4 inch, White	8110091	10,148.000	Ft
0690	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	11,242.000	Ft
0700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	301.000	Ft
0710	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	496.000	Ft

0720	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0730	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0740	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
0750	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0760	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	3.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0790	Minor Traf Devices	8120170	1.000	LSUM
0800	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0810	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	1,376.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	1,854.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	_ Turf Establishment, Performance	8167011	7,000.000	Syd
0860	Monument Box	8210001	3.000	Ea
0870	Monument Box Adjust	8210005	3.000	Ea
0880	Monument Preservation	8210010	3.000	Ea
0890	Water Main, DI, 8 inch, Tr Det G	8230156	100.000	Ft
0900	_ Water Main, HDPE DR-11, 12 inch, Directional Drill	8237001	527.000	Ft
0910	_ Water Main, HDPE DR-11, 12 inch, Open Cut	8237001	1,148.000	Ft
0920	_ Water Main, HDPE DR-11, 12 inch, Pipe Bursting Method	8237001	3,697.000	Ft
0930	_ Connection to Existing Water Main	8237050	19.000	Ea
0940	_ Curb Stop and Box	8237050	51.000	Ea
0950	_ Fire Hydrant, AH	8237050	10.000	Ea
0960	_ Gate Valve and Well, 12 inch, AH	8237050	17.000	Ea
0970	_ Gate Well, Rem, AH	8237050	8.000	Ea
0980	_ Hydrant, Rem, AH	8237050	9.000	Ea
0990	_ Live Tap, 12 inch by 16 inch, AH	8237050	1.000	Ea
1000	_ Water Main, Cut and Plug	8237050	8.000	Ea
1010	_ Water Serv, Type K Copper, 1 inch	8237050	28.000	Ea
1020	_ Water Serv, Type K Copper, 2 inch	8237050	23.000	Ea
1030	_ Temporary Water Supply System	8237051	1.000	LSUM
1040	_ Water Main, Abandon with Flowable Fill	8237051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 171103 019

Letting Date: November 3, 2017

Contract ID: 80555-123771-2

Description: 5.35 mi of hot mix asphalt resurfacing, trenching, widening and slope restoration on County Road 687 from County Road 352 to I-94, Van Buren County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123771A	STP 1780(013)	RT0713	STL 80555
131061A	TAP 1780(012)	HK1607	TAL 80059

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$143,500.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Guardrail, Rem	2040035	1,965.000	Ft
0050	Embankment, CIP	2050010	600.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0070	Aggregate Base, 8 inch	3020020	325.000	Syd
0080	Approach, CI II	3070021	260.000	Ton
0090	Trenching	3070200	565.000	Sta
0100	Culv End Sect, Conc, 24 inch	4010051	5.000	Ea
0110	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0120	Culv, CI A, Conc, 24 inch	4010168	160.000	Ft
0130	Culv, CI A, Conc, 48 inch	4010172	56.000	Ft
0140	Video Taping Sewer and Culv Pipe	4021275	220.000	Ft
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0160	Dr Structure, 48 inch dia	4030210	1.000	Ea
0170	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0180	Cold Milling HMA Surface	5010002	93,000.000	Syd
0190	Hand Patching	5010025	95.000	Ton
0200	HMA, 3C	5010031	3,270.000	Ton
0210	HMA Approach	5010061	275.000	Ton
0220	HMA, LVSP	5010703	12,275.000	Ton
0230	Driveway, Nonreinf Conc, 6 inch	8010005	28.000	Syd
0240	Guardrail, Type B	8070000	1,735.000	Ft
0250	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0260	Guardrail Reflector	8070080	40.000	Ea

0270	Post, Mailbox	8070095	45.000	Ea
0280	Guardrail Post, Furn and Install, 72 inch	8070101	306.000	Ea
0290	Post, Steel, 3 lb	8100371	600.000	Ft
0300	Sign, Type III, Rem	8100403	28.000	Ea
0310	Sign, Type IIIB	8100405	390.000	Sft
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	57,300.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	57,300.000	Ft
0340	Channelizing Device, 42 inch, Furn	8120030	848.000	Ea
0350	Channelizing Device, 42 inch, Oper	8120031	848.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,260.000	Ft
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Riprap, Plain	8130010	30.000	Syd
0440	Slope Restoration, Type C	8160102	900.000	Syd
0450	Monument Box Adjust	8210005	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 171103 020

Letting Date: November 3, 2017

Contract ID: 25402-130832

Description: 2.25 mi of hot mix asphalt shared-use path on Flint River Trail from Genesee Road to Vassar Road, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130832A	CM 1725(033)	HK1729	CM 25402

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$99,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	40.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	200.000	Cyd
0040	Sidewalk, Rem	2040055	50.000	Syd
0050	Excavation, Earth	2050016	400.000	Cyd
0060	Granular Material, CI II	2050023	1,400.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0080	Backfill, Structure, CIP	2060002	360.000	Cyd
0090	Excavation, Fdn	2060010	200.000	Cyd
0100	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0120	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0130	_ Temporary Channel Diversion	2087050	1.000	Ea
0140	_ Earthwork, Special	2097051	1.000	LSUM
0150	_ Aggregate Base, 6 inch, Modified	3027011	18,100.000	Syd
0160	_ Aggregate Base, 7 inch, Modified	3027011	1,450.000	Syd
0170	_ Open-Graded Dr Cse, 6 inch, Modified	3037011	2,100.000	Syd
0180	Maintenance Gravel	3060020	500.000	Ton
0190	Geotextile, Separator	3080005	2,100.000	Syd
0200	Geotextile, Stabilization	3080010	2,100.000	Syd
0210	Culv End Sect, 12 inch	4010012	16.000	Ea
0220	Culv End Sect, 18 inch	4010018	1.000	Ea
0230	Culv End Sect, 24 inch	4010024	2.000	Ea
0240	Culv, CI F, 12 inch	4010607	160.000	Ft
0250	Culv, CI F, 18 inch	4010609	20.000	Ft
0260	Culv, CI F, 24 inch	4010610	20.000	Ft
0270	Culv, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch	4010902	33.000	Ft
0280	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Longit	4011051	2.000	Ea

0290	_ Culv, Multi-Plate Arch, 95 inch by 67 inch	4017001	70.000	Ft
0300	Sewer, Cl A, 18 inch, Tr Det A	4020006	30.000	Ft
0310	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0320	Dr Structure Cover, Type D	4030025	1.000	Ea
0330	Dr Structure, 48 inch dia	4030210	1.000	Ea
0340	Underdrain, Subgrade, 4 inch	4040071	100.000	Ft
0350	Culv Bedding, Box Culv	4060005	200.000	Cyd
0360	HMA Surface, Rem	5010005	2,200.000	Syd
0370	HMA, 13A	5010033	875.000	Ton
0380	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	148.000	Syd
0390	Detectable Warning Surface	8030010	50.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	337.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	100.000	Sft
0420	_ HMA Path Railing	8037001	305.000	Ft
0430	Shared use Path, Grading	8060030	11,600.000	Ft
0440	Shared use Path, HMA	8060040	2,500.000	Ton
0450	Post, Steel, 3 lb	8100371	268.000	Ft
0460	Sign, Type IIIA	8100404	17.000	Sft
0470	Sign, Type IIIB	8100405	70.000	Sft
0480	_ Advanced Pedestrian Crossing Warning System	8107051	1.000	LSUM
0490	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	160.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, Xing	8110047	4.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	4.000	Ea
0520	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	440.000	Ft
0530	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,710.000	Ft
0540	_ Pavt Mrkg, Ovly Cold Plastic, Handicap Symbol, Blue	8117050	3.000	Ea
0550	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0590	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0600	_ Riprap, Heavy, Modified	8137011	53.000	Syd
0610	_ Turf Establishment, Performance	8167002	118.000	Sta
0620	_ Pedestrian / Bicyclist Traffic Counter	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 171103 021

Letting Date: November 3, 2017

Contract ID: 17000-126238

Description: 1.64 mi of hot mix asphalt cold milling and resurfacing, hot mix asphalt shoulder paving and pavement markings on Kincheloe Drive from M-80 to Cedar Grove Drive, Chippewa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126238A	STP 1717(014)	HK1724	STUL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	100.000	Ft
0030	Excavation, Earth	2050016	300.000	Cyd
0040	Granular Material, CI II	2050023	1,200.000	Cyd
0050	Obliterate Old Road	2070001	4.000	Sta
0060	Aggregate Base, LM	3020002	250.000	Cyd
0070	Approach, CI I, LM	3070003	250.000	Cyd
0080	Approach, CI II, LM	3070023	200.000	Cyd
0090	Shoulder, CI II, LM	3070123	300.000	Cyd
0100	Cold Milling HMA Surface	5010002	14,000.000	Syd
0110	Pavt for Butt Joints, Rem	5010008	115.000	Syd
0120	Hand Patching	5010025	40.000	Ton
0130	HMA Approach	5010061	15.000	Ton
0140	HMA, LVSP	5010703	3,500.000	Ton
0150	Curb and Gutter, Conc, Det C4	8020023	200.000	Ft
0160	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	9,900.000	Ft
0170	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	2,700.000	Ft
0180	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	175.000	Ft
0230	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	Fertilizer, Chemical Nutrient, CI A	8160020	150.000	Lb
0290	Mulch Blanket	8160027	1.000	Syd
0300	Seeding, Mixture TDS	8160037	155.000	Lb
0310	Topsoil Surface, Furn, LM	8160071	400.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 171103 022

Letting Date: November 3, 2017

Contract ID: 82000-200931

Description: Traffic signal interconnection at 11 locations on Eureka Road from Allen Road to 5th Street in the cities of Southgate and Wyandotte, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200931A	CMG 1782(103)	JJ5692	CMG 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,400.00	1500001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0030	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0080	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0090	Traf Regulator Control	8120370	1.000	LSUM
0100	TS, Antenna	8200367	13.000	Ea
0110	Bracket, Truss, With 18 Foot Arm	8200378	11.000	Ea
0120	Wireless Intercn, Closed Loop, Repeater	8200394	2.000	Ea
0130	Wireless Intercn, Closed Loop, Remote	8200395	11.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 023

Letting Date: November 3, 2017

Contract ID: 82099-131077

Description: 0.15 mi of median delineators and cross-hatch pavement markings installation on East Warren Avenue at Conrail in the city of Detroit, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131077A	STP 1682(262)	RT0463	STRH 82099

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$4,348.00	1500001	1.000	LSUM
0020	_ Lane Separator System	8047001	200.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	400.000	Ft
0040	Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching Yellow	8110536	260.000	Ft
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	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	Mobile Attenuator	8120180	1.000	Ea
0110	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	80.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	80.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 024

Letting Date: November 3, 2017

Contract ID: 82000-133367

Description: Traffic signal modernization including sidewalk, sidewalk ramps, signing and pavement markings on Outer Drive at Allen Road in the city of Melvindale, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133367A	STP 1782(105)	RT0738	EDCF 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1077060	1,000.000	Dir
0020	_ Railroad Protection	1077060	10,000.000	Dir
0030	Mobilization, Max \$30,000.00	1500001	1.000	LSUM
0040	Curb, Rem	2040021	120.000	Ft
0050	Pavt, Rem	2040050	56.000	Syd
0060	Sidewalk, Rem	2040055	119.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	Embankment, CIP	2050010	10.000	Cyd
0090	Excavation, Earth	2050016	30.000	Cyd
0100	Aggregate Base, 4 inch	3020010	175.000	Syd
0110	Aggregate Base, 8 inch	3020020	25.000	Syd
0120	_ Misc San Structure Cover, Adj	4037050	2.000	Ea
0130	HMA Surface, Rem	5010005	27.000	Syd
0140	Hand Patching	5010025	5.000	Ton
0150	Lane Tie, Epoxy Anchored	6030030	120.000	Ea
0160	Curb, Conc, Det E2	8020002	56.000	Ft
0170	Detectable Warning Surface	8030010	40.000	Ft
0180	Curb Ramp Opening, Conc	8030030	60.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	900.000	Sft
0200	_ Sidewalk Ramp, Conc, 8 inch	8037010	675.000	Sft
0210	_ Sidewalk, Brickwork	8037010	20.000	Sft
0220	_ Sidewalk, Brickwork, Rem	8037010	20.000	Sft
0230	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0240	Post, Steel, 3 lb	8100371	100.000	Ft
0250	Sign, Type III, Rem	8100403	7.000	Ea
0260	Sign, Type IIIA	8100404	22.000	Sft
0270	Sign, Type IIIB	8100405	20.000	Sft
0280	Mast Arm Pole, Cat I	8100510	4.000	Ea

0290	Mast Arm, 40 foot, Cat I	8100524	1.000	Ea
0300	Mast Arm, 50 foot, Cat I	8100526	1.000	Ea
0310	Mast Arm Pole Fdn, 6 Bolt	8100550	88.000	Ft
0320	_ Mast Arm, 55 foot, Cat I	8107050	1.000	Ea
0330	_ Mast Arm, 75 foot, Cat I	8107050	1.000	Ea
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	440.000	Ft
0350	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	130.000	Ft
0360	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	50.000	Ft
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	50.000	Ft
0380	Rem Spec Mrkg	8110343	200.000	Sft
0390	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	50.000	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	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0450	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Sodding	8160055	50.000	Syd
0500	Topsoil Surface, Furn, 2 inch	8160060	50.000	Syd
0510	Water, Sodding/Seeding	8160090	3.000	Unit
0520	Slope Restoration, Type B	8160101	5.000	Syd
0530	Conduit, DB, 1, 1 1/2 inch	8190027	200.000	Ft
0540	Conduit, DB, 3, 3 inch	8190035	125.000	Ft
0550	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
0560	Hh, Adj	8190244	5.000	Ea
0570	Hh, Rem	8190254	4.000	Ea
0580	Hh, Round, 3 foot dia	8190259	1.000	Ea
0590	Hh, Round	8190260	7.000	Ea
0600	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0610	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
0620	Conduit, Directional Bore, 2, 3 inch	8190604	400.000	Ft
0630	Case Sign, Rem	8200020	1.000	Ea
0640	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0650	Controller and Cabinet, Rem	8200030	1.000	Ea
0660	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0670	Controller Fdn, Base Mount	8200045	1.000	Ea
0680	Fdn, Rem	8200065	2.000	Ea
0690	Pedestal, Alum	8200100	1.000	Ea
0700	Pedestal, Fdn	8200105	6.000	Ea
0710	Pedestal Fdn, Rem	8200106	2.000	Ea
0720	Pedestal, Rem	8200110	2.000	Ea
0730	Power Co. (Est. Cost to Contractor)	8200116	7,600.000	Dlr

0740	Pushbutton and Sign	8200121	6.000	Ea
0750	Pushbutton Pedestal, Alum	8200123	5.000	Ea
0760	Serv Disconnect	8200135	1.000	Ea
0770	Serv Disconnect, Rem	8200136	1.000	Ea
0780	Span Wire, Rem	8200141	1.000	Ea
0790	Steel Pole, Rem	8200145	2.000	Ea
0800	TS, Bracket Arm Mtd, Rem	8200175	3.000	Ea
0810	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0820	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0830	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0840	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	3.000	Ea
0850	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0860	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0870	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0880	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0890	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0900	Video Traf Detection System	8200380	1.000	Ea
0910	Video Traf Detection Camera	8200381	4.000	Ea
0920	Casing	8200480	74.000	Ft
0930	Backplate, TS	8200501	13.000	Ea
0940	Gate Box, Adj, Case 1	8230431	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 025

Letting Date: November 3, 2017

Contract ID: 82400-114102

Description: 0.09 mi of pedestrian bridge, shared-use path, retaining wall, drainage, landscaping, signing and lighting near the Coast Guard boat slip on the East Detroit Riverfront Riverwalk, east of Chene Park in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
114102A	TIP 1782(110)	RT0747	TIP 82111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	7,000.000	Dir
0020	Mobilization, Max \$234,500.00	1500001	1.000	LSUM
0030	Fence, Rem	2040025	204.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	60.000	Cyd
0050	Sidewalk, Rem	2040055	71.000	Syd
0060	_ Pavt, Rem, Special	2047011	373.000	Syd
0070	_ Bollard, Heavy Duty, Rem	2047050	3.000	Ea
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	4,100.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0110	Erosion Control, Silt Fence	2080036	450.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	340.000	Cyd
0140	Aggregate Base, 6 inch	3020016	1,356.000	Syd
0150	Pavt, Cleaning	5010001	1.000	LSUM
0160	Joint, Expansion, E3	6020208	106.000	Ft
0170	Conc Quality Initiative	6020401	2,104.000	Dir
0180	_ Marine Railing, Salv and Erect	7117001	36.000	Ft
0190	Sidewalk, Conc, 6 inch	8030046	5,152.000	Sft
0200	_ Sidewalk, Conc, 6 inch, Decorative	8037010	1,613.000	Sft
0210	Shared use Path, Grading	8060030	97.000	Ft
0220	Shared use Path, HMA	8060040	82.000	Ton
0230	Fence, Protective	8080007	225.000	Ft
0240	_ Decorative Fence	8087001	304.000	Ft
0250	_ Decorative Fence Gate	8087050	2.000	Ea
0260	_ Post, Rem	8107050	25.000	Ea
0270	_ Sign, Railing	8107050	3.000	Ea

0280	_ Sign, Speed	8107050	1.000	Ea
0290	_ Pedestrian Type II Barricade, Temp	8127050	16.000	Ea
0300	Site Preparation, Max \$3,400.00	8150001	1.000	LSUM
0310	Watering and Cultivating, First Season, Min \$2,000	8150002	1.000	LSUM
0320	Watering and Cultivating, Second Season, Min \$2,400.00	8150003	1.000	LSUM
0330	Taxus x media 'Wardii', 24 inch	8153793	61.000	Ea
0340	_ Landscape Edging, Steel	8157001	252.000	Ft
0350	_ Amelanchier x cumulus, tree form, 2 1/2 inch	8157050	6.000	Ea
0360	_ Bench	8157050	4.000	Ea
0370	_ Pennisetum 'Karley Rose', 18 inch	8157050	30.000	Ea
0380	_ Recycling Receptacle	8157050	2.000	Ea
0390	_ Syringa patula 'Miss Kim', 30 inch	8157050	60.000	Ea
0400	_ Trash Receptacle	8157050	2.000	Ea
0410	_ Viburnum opulus 'Nanum', 24 inch	8157050	46.000	Ea
0420	Sodding	8160055	460.000	Syd
0430	Topsoil Surface, Furn, 4 inch	8160062	360.000	Syd
0440	Water, Sodding/Seeding	8160090	18.000	Unit
0450	_ Mulch, Shredded Bark	8167011	238.000	Syd
0460	_ Irrigation System	8167051	1.000	LSUM
0470	Cable, Rem	8190016	140.000	Ft
0480	Conduit, DB, 1, 2 1/2 inch	8190028	794.000	Ft
0490	Conduit, Rem	8190140	140.000	Ft
0500	Cable, Equipment Grounding Wire, 1/C#8	8190237	868.000	Ft
0510	Hh, Polymer Conc	8190250	2.000	Ea
0520	Light Std Fdn, Rem	8190280	2.000	Ea
0530	Light Std Shaft, Rem	8190305	2.000	Ea
0540	Luminaire, Rem	8190360	2.000	Ea
0550	_ Cable, Sec, 600V, 1, 2/C#8	8197001	868.000	Ft
0560	_ Cabling, Fiber Optic, 6-Strand, Outside Plant	8197001	244.000	Ft
0570	_ Cabling, Fiber Optic, Less than 12-Pair Fusion Splice, Outside Plant	8197050	1.000	Ea
0580	_ Conc Fdn, Special	8197050	8.000	Ea
0590	_ Emergency Phone Tower with Security Camera	8197050	1.000	Ea
0600	_ Luminaire Pole, Type D	8197050	8.000	Ea
0610	_ Luminaire, LED, Type D	8197050	8.000	Ea
0620	Contractor Staking	8240001	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr
Section: 2				
0660	Structures, Rem Portions	2040061	1.000	LSUM
0670	_ Flowable Fill	2057021	85.000	Cyd
0680	Aggregate, 6A	2060001	297.000	Cyd

0690	Backfill, Structure, CIP	2060002	1,640.000	Cyd
0700	Excavation, Fdn	2060010	3,381.000	Cyd
0710	_ Fill, Lightweight Conc	2067021	1,751.000	Cyd
0720	Erosion Control, Filter Bag	2080014	2.000	Ea
0730	Erosion Control, Turbidity Curtain, Deep	2080042	58.000	Ft
0740	Geotextile, Separator	3080005	1,567.000	Syd
0750	Underdrain, Fdn, 4 inch	4040031	757.000	Ft
0760	Cofferdams	7040007	1.000	LSUM
0770	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0780	Pile, Steel, Furn and Driven, 12 inch	7050030	1,420.000	Ft
0790	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0800	Pile Point, Steel	7050039	14.000	Ea
0810	Pile, Steel, Splice	7050050	14.000	Ea
0820	_ Timber Pile Repair	7057001	50.000	Ft
0830	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0840	Bridge Ltg, Oper and Maintain	7060002	65.000	Cyd
0850	Conc, Grade T	7060013	3.000	Cyd
0860	Conc, Low Temperature Protection	7060020	753.000	Cyd
0870	Reinforcement, Steel, Epoxy Coated	7060092	106,462.000	Lb
0880	Substructure Conc	7060100	512.000	Cyd
0890	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0900	Superstructure Conc, Night Casting	7060113	65.000	Cyd
0910	Wall Drain	7060130	64.000	Sft
0920	_ Retaining Wall Panel, Grade Beam	7067001	542.000	Ft
0930	_ Retaining Wall Panel, Precast, Furn	7067010	3,294.000	Sft
0940	_ Retaining Wall Panel, Precast, Install	7067010	3,294.000	Sft
0950	_ Simulated Stone Masonry	7067011	21.000	Syd
0960	Bearing, Elastomeric, 2 inch	7070016	4,356.000	Sin
0970	Shear Developers	7070040	1.000	LSUM
0980	_ Repair Tie Back and Wale	7077050	50.000	Ea
0990	_ Strong Back, Furn and Install	7077051	1.000	LSUM
1000	Prest Conc Deck, 27 inch	7080004	2,204.000	Sft
1010	Post Tensioning	7080015	1.000	LSUM
1020	_ Precast Concrete Fascia Panels, Erected	7087051	1.000	LSUM
1030	_ Precast Concrete Fascia Panels, Furn	7087051	1.000	LSUM
1040	Joint Waterproofing	7100001	171.000	Sft
1050	Joint Waterproofing, Expansion	7100003	126.000	Sft
1060	Conc Surface Coating	7100011	729.000	Syd
1070	Hand Chipping, Other Than Deck	7120007	1,415.000	Cft
1080	Patch, Forming	7120017	2,735.000	Sft
1090	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	200.000	Ea
1100	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	50.000	Ea
1110	Patching Conc, C-L	7120112	39.000	Cyd
1120	Embedded Galvanic Anode	7120120	297.000	Ea

1130	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
1140	_ Marine Railing, Stainless Steel	8087001	444.000	Ft
1150	Conduit, Schedule 40, 2 inch	8190147	588.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 171103 026

Letting Date: November 3, 2017

Contract ID: 58151-127463

Description: Construction of two wetland mitigation sites, Morin and Wilmoth parcels, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127463A	STP 1758(020)	HK1702	ST 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	_ Agricultural Drain Tile, Trench	2037001	1,250.000	Ft
0040	Structures, Rem	2040060	1.000	LSUM
0050	Embankment, CIP	2050010	926.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	1,700.000	Cyd
0080	_ Earth Excavation, Wetland	2057051	1.000	LSUM
0090	Backfill, Structure, CIP	2060002	250.000	Cyd
0100	Excavation, Fdn	2060010	300.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0130	Erosion Control, Silt Fence	2080036	13,980.000	Ft
0140	Maintenance Gravel, LM	3060021	40.000	Cyd
0150	Approach, CI II, 8 inch	3070030	5,560.000	Syd
0160	Geotextile, Stabilization	3080010	5,560.000	Syd
0170	Culv End Sect, 12 inch	4010012	2.000	Ea
0180	Culv, CI A, 12 inch	4010131	124.000	Ft
0190	_ Culv, Aluminum Box, 15 foot 9 inch(Span) by 8 foot 0 inch (Rise)	4017001	23.000	Ft
0200	_ Stoplog Structure	4017050	2.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0220	Culv Bedding, Box Culv	4060005	17.000	Cyd
0230	_ Bypass Pumping	7047050	1.000	Ea
0240	_ Construction Dam	7047050	1.000	Ea
0250	_ Access Gate	8087050	1.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0290	Riprap, Plain	8130010	125.000	Syd
0300	_ Habitat Structures, Sand Mound	8157050	10.000	Ea
0310	_ Habitat Structures, Snake Hibernaculum	8157050	4.000	Ea
0320	_ Berm and Upland Seed Mixture	8167011	19,000.000	Syd
0330	_ Emergent Wetland Seed Mixture	8167011	163,000.000	Syd
0340	_ Native Pollinator Seed Mixture	8167011	80,000.000	Syd
0350	_ Temp Seed Mixture	8167011	262,000.000	Syd
0360	Contractor Staking	8240001	1.000	LSUM
0370	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0380	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0390	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 027

Letting Date: November 3, 2017

Contract ID: 73091-200021

Description: Hot mix asphalt railroad approach, concrete curb, gutter, sidewalk and pavement markings on M-13 at Lake State Railroad crossing in the city of Saginaw, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200021A	N/A	N/A	MRR 73091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	320.000	Syd
0030	Sidewalk, Rem	2040055	17.000	Syd
0040	Aggregate Base, 4 inch	3020010	17.000	Syd
0050	Aggregate Base, 6 inch	3020016	320.000	Syd
0060	HMA Surface, Rem	5010005	320.000	Syd
0070	HMA Approach	5010061	55.000	Ton
0080	Curb and Gutter, Conc, Det F6	8020040	120.000	Ft
0090	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0100	Detectable Warning Surface	8030010	10.000	Ft
0110	Sidewalk Ramp, Conc, 6 inch	8030036	50.000	Sft
0120	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	48.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	40.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	100.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	60.000	Ft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0220	Sign Cover	8120310	42.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	385.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	385.000	Sft
0270	_ Turf Establishment, Performance	8167011	670.000	Syd

0280	_ Railroad Protection, at Grade Crossing	8507060	500.000	Dir
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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 028

Letting Date: November 3, 2017

Contract ID: 50609-130951

Description: Installation of reflectorized backplates, dilemma zone detection and conversion of diagonal spans to box configuration in the cities of St. Clair Shores, Warren, Roseville, Sterling Heights, Fraser, and Utica, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130951A	1750(036)	KK4396	HSIP 50609
130952A	1750(037)	KK4397	HSIP 50609
130953A	1750(038)	KK4398	HSIP 50609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$219,000.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	40.000	Syd
0030	Exploratory Investigation, Vertical	2040080	20.000	Ft
0040	Coating Galvanized Support Structures	7160010	56.000	Ea
0050	_ Sidewalk Ramp, ADA, Modified	8037010	120.000	Sft
0060	_ Sidewalk, Conc, 4 inch, Modified	8037010	130.000	Sft
0070	Mast Arm Pole, Cat I	8100510	27.000	Ea
0080	Mast Arm, 25 foot, Cat I	8100521	8.000	Ea
0090	Mast Arm, 30 foot, Cat I	8100522	3.000	Ea
0100	Mast Arm, 35 foot, Cat I	8100523	13.000	Ea
0110	Mast Arm, 40 foot, Cat I	8100524	2.000	Ea
0120	Mast Arm, 45 foot, Cat I	8100525	2.000	Ea
0130	Mast Arm, 50 foot, Cat I	8100526	1.000	Ea
0140	Mast Arm Pole Fdn, 6 Bolt	8100550	426.000	Ft
0150	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0190	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0250	Slope Restoration, Type A	8160100	100.000	Syd

0260	Cable Pole, TS, Disman	8190010	25.000	Ea
0270	Conduit, DB, 1, 1 1/2 inch	8190027	540.000	Ft
0280	Conduit, DB, 1, 3 inch	8190029	760.000	Ft
0290	Conduit, DB, 3, 3 inch	8190035	485.000	Ft
0300	Conduit, DB, 4, 3 inch	8190038	90.000	Ft
0310	Conduit, Rem	8190140	1,285.000	Ft
0320	Hh, Rem	8190254	17.000	Ea
0330	Hh, Round, 3 foot dia	8190259	30.000	Ea
0340	Cable, Sec, 600V, 1, 3/C#6	8190399	1,295.000	Ft
0350	Wood Pole, Fit Up, TS Cable Pole	8190501	5.000	Ea
0360	Wood Pole, Rem	8190505	6.000	Ea
0370	Conduit, Directional Bore, 1, 3 inch	8190602	80.000	Ft
0380	Conduit, Directional Bore, 2, 3 inch	8190604	1,185.000	Ft
0390	Conduit, Directional Bore, 3, 3 inch	8190606	1,060.000	Ft
0400	Conduit, Directional Bore, 4, 3 inch	8190607	130.000	Ft
0410	Conduit, Jacked Bored, 1, 1 1/2 inch	8190608	160.000	Ft
0420	Conduit, Jacked Bored, 1, 3 inch	8190609	660.000	Ft
0430	Conduit, Jacked Bored, 2, 3 inch	8190611	115.000	Ft
0440	Conduit, Jacked Bored, 3, 3 inch	8190613	30.000	Ft
0450	Conduit, Jacked Bored, 4, 3 inch	8190614	30.000	Ft
0460	Anchor Guy	8200001	9.000	Ea
0470	Case Sign, Rem	8200020	6.000	Ea
0480	Controller and Cabinet, Rem	8200030	2.000	Ea
0490	Controller Fdn, Base Mount	8200045	7.000	Ea
0500	Controller Fdn, Rem	8200046	5.000	Ea
0510	Controller, Rem	8200049	5.000	Ea
0520	Fdn, Rem	8200065	14.000	Ea
0530	Splice Box, Rem	8200086	2.000	Ea
0540	Pedestal, Alum	8200100	56.000	Ea
0550	Pedestal, Fdn	8200105	56.000	Ea
0560	Pedestal Fdn, Rem	8200106	31.000	Ea
0570	Pedestal, Rem	8200110	19.000	Ea
0580	Power Co. (Est. Cost to Contractor)	8200116	1,400.000	Dlr
0590	Pushbutton, Rem	8200122	32.000	Ea
0600	Pushbutton Pedestal, Rem	8200124	18.000	Ea
0610	Serv Disconnect	8200135	7.000	Ea
0620	Serv Disconnect, Rem	8200136	4.000	Ea
0630	Span Wire, Rem	8200141	18.000	Ea
0640	Steel Pole, Rem	8200145	8.000	Ea
0650	Guy, Rem	8200167	1.000	Ea
0660	TS, Bracket Arm Mtd, Rem	8200175	12.000	Ea
0670	TS, Pedestal Mtd, Rem	8200179	7.000	Ea
0680	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	16.000	Ea
0690	TS, Pedestrian, Pedestal Mtd, Rem	8200181	10.000	Ea
0700	TS, Span Wire Mtd, Rem	8200182	26.000	Ea

0710	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	48.000	Ea
0720	Bracket, Truss, Rem	8200388	22.000	Ea
0730	Emergency Pre-emption, Rem	8200415	6.000	Ea
0740	Emergency Pre-emption, Salv	8200416	6.000	Ea
0750	Casing	8200480	290.000	Ft
0760	Backplate, TS	8200501	139.000	Ea
0770	_ Cabling, Backhaul Radio	8207001	600.000	Ft
0780	_ Case Sign (LED), One Way, 24 inch by 30 inch, Black	8207050	6.000	Ea
0790	_ Detection, WiFi	8207050	7.000	Ea
0800	_ OCA, ATC 2070, ITS	8207050	7.000	Ea
0810	_ OCA, ITS, Cabinet Housing 3, Black	8207050	7.000	Ea
0820	_ OCA, ITS, Input Assembly	8207050	14.000	Ea
0830	_ OCA, ITS, Output Assembly, 14 Switch Pack	8207050	14.000	Ea
0840	_ OCA, Operational Test Certification, Controller and Cabinet	8207050	7.000	Ea
0850	_ Pedestal Coating	8207050	56.000	Ea
0860	_ Pushbutton and Sign, Black	8207050	56.000	Ea
0870	_ Radar Detection, Dilemma Zone	8207050	59.000	Ea
0880	_ Radar Detection, Dilemma Zone, Salv	8207050	8.000	Ea
0890	_ Radar Detection, Rem	8207050	16.000	Ea
0900	_ Road Side Unit	8207050	7.000	Ea
0910	_ Steel Truss Arm, Steel Pole Mount, 18 Foot, Black	8207050	1.000	Ea
0920	_ Steel Truss Arm, Steel Pole Mount, 6 Foot	8207050	2.000	Ea
0930	_ Steel Truss Arm, Wood Pole Mount, 18 Foot, Black	8207050	1.000	Ea
0940	_ Steel Truss Arm, Wood Pole Mount, 6 Foot	8207050	1.000	Ea
0950	_ Street Name Sign, (LED) Illuminated, Rem	8207050	2.000	Ea
0960	_ Street Name Sign, One Way (LED) Illuminated, 10 foot, Black	8207050	6.000	Ea
0970	_ Street Name Sign, One Way (LED) Illuminated, 6 foot, Black	8207050	15.000	Ea
0980	_ Street Name Sign, One Way (LED) Illuminated, 8 foot, Black	8207050	6.000	Ea
0990	_ TS, One Way Mast Arm Mtd, Safety	8207050	47.000	Ea
1000	_ TS, One Way Mast Arm Mtd, Safety, Five Sect	8207050	12.000	Ea
1010	_ TS, One Way Mast Arm Mtd, Safety, FYA	8207050	21.000	Ea
1020	_ TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown, Salv	8207050	8.000	Ea
1030	_ Video Surveillance, Camera	8207050	2.000	Ea
1040	_ Video Surveillance, Camera, Rem	8207050	6.000	Ea
1050	_ Video Surveillance, Camera, Salv	8207050	6.000	Ea
1060	_ Video Traf Detection Camera	8207050	18.000	Ea
1070	_ Video Traf Detection Camera, Rem	8207050	9.000	Ea
1080	_ Video Traf Detection Camera, Salv	8207050	9.000	Ea
1090	_ Video Traf Detection System	8207050	4.000	Ea
1100	_ Video Traf Detection System, Rem	8207050	2.000	Ea

1110	_ Video Traf Detection System, Salv	8207050	3.000	Ea
1120	_ Wireless Interconnect, Access Point	8207050	6.000	Ea
1130	_ Wireless Interconnect, Access Point, Rem	8207050	1.000	Ea
1140	_ Wireless Interconnect, Dual Radio, Rem	8207050	4.000	Ea
1150	_ Wireless Interconnect, Dual Radio, Salv	8207050	4.000	Ea
1160	_ Wireless Interconnect, Integrated Radio, Rem	8207050	7.000	Ea
1170	_ Wireless Interconnect, Integrated Radio, Salv	8207050	7.000	Ea
1180	_ Irrigation Head Replacement	8237050	3.000	Ea
1190	_ Irrigation Line Repair	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 029

Letting Date: November 3, 2017

Contract ID: 81000-132014

Description: 2.50 mi of hot mix asphalt shared-use path, culvert work, boardwalks, signing, restoration and pavement markings along M-52 from Werkner Road to North Territorial Road, Washtenaw County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132014A	TAP 1781(034)	HK1728	TA 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$179,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.460	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Curb and Gutter, Rem	2040020	50.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	Pavt, Rem	2040050	184.000	Syd
0070	Sidewalk, Rem	2040055	10.000	Syd
0080	_ Subgrade Undercutting, 21AA, Special	2057021	140.000	Cyd
0090	_ Subgrade Undercutting, 6A, Special	2057021	140.000	Cyd
0100	_ Subgrade Undercutting, Class II, Special	2057021	275.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	150.000	Ft
0120	Erosion Control, Sediment Trap	2080034	10.000	Ea
0130	Erosion Control, Silt Fence	2080036	25,755.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Audio Video DVD, Special	2097051	1.000	LSUM
0160	_ Maintenance Gravel, Special	3067031	110.000	Ton
0170	Geotextile, Separator	3080005	6,070.000	Syd
0180	Culv End Sect, 12 inch	4010012	10.000	Ea
0190	Culv End Sect, 18 inch	4010018	5.000	Ea
0200	Culv End Sect, 24 inch	4010024	2.000	Ea
0210	Culv End Sect, 36 inch	4010036	1.000	Ea
0220	Culv, CI A, 12 inch	4010131	165.000	Ft
0230	Culv, CI A, 18 inch	4010133	203.000	Ft
0240	Culv, CI A, 24 inch	4010134	50.000	Ft
0250	Culv, CI A, 36 inch	4010136	32.000	Ft
0260	Underdrain, Subgrade, 6 inch	4040073	1,080.000	Ft
0270	_ Infiltration Trench	4047001	6,305.000	Ft

0280	Hand Patching	5010025	10.000	Ton
0290	HMA Approach	5010061	177.000	Ton
0300	_ Helical Pile	7057050	246.000	Ea
0310	_ Retaining Wall, Boardwalk Terminus	7067010	364.000	Sft
0320	_ Retaining Wall, Modular Block	7067010	7,405.000	Sft
0330	_ Boardwalk	7097001	647.000	Ft
0340	_ Boardwalk Railing	7117001	1,294.000	Ft
0350	Curb Ramp Opening, Conc	8030030	60.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	750.000	Sft
0370	_ Detectable Warning Surface, Cast Iron	8037001	63.000	Ft
0380	Shared use Path, Conc	8060020	100.000	Syd
0390	Shared use Path, HMA	8060040	3,374.000	Ton
0400	_ Shared use Path, Grading, Special	8067001	12,508.000	Ft
0410	_ Shared use Path, Aggregate, Modified	8067031	5,746.000	Ton
0420	Guardrail, Type B	8070000	375.000	Ft
0430	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0440	Fence, Protective	8080007	550.000	Ft
0450	_ Retaining Wall, Railing	8087001	1,591.000	Ft
0460	_ Bench	8087050	3.000	Ea
0470	Post, Steel, 2 lb	8100370	192.000	Ft
0480	Sign, Type IIIA	8100404	16.000	Sft
0490	Sign, Type IIIB	8100405	19.000	Sft
0500	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	498.000	Ft
0510	_ Pavt Mrkg, Ovly Cold Plastic, Road, Modified	8117050	7.000	Ea
0520	_ Pavt Mrkg, Ovly Cold Plastic, Xing, Modified	8117050	7.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0550	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, High Intensity, Furn	8120250	170.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	170.000	Ea
0600	Sign Cover	8120310	275.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	275.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	275.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	Riprap, Plain	8130011	107.000	Ton
0650	Site Preparation, Max \$5000.00	8150001	1.000	LSUM
0660	Watering and Cultivating, First Season, Min \$2000.00	8150002	1.000	LSUM
0670	Watering and Cultivating, Second Season, Min \$3000.00	8150003	1.000	LSUM
0680	Acer rubrum, 1 1/2 inch	8150146	40.000	Ea
0690	Acer saccharum, 1 1/2 inch	8150190	40.000	Ea
0700	Acer x freemanii 'Celebration', 1 1/2 inch	8150223	40.000	Ea
0710	Liriodendron tulipifera, 1 1/2 inch	8152175	40.000	Ea

0720	Ostrya virginiana, 1 1/2 inch	8152526	40.000	Ea
0730	Pyrus calleryana 'Aristocrat', 1 1/2 inch	8153007	40.000	Ea
0740	Quercus rubra, 1 1/2 inch	8153124	10.000	Ea
0750	Mulch Blanket	8160027	2,560.000	Syd
0760	Slope Restoration, Type A	8160100	44,240.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 171103 030

Letting Date: November 3, 2017

Contract ID: 02000-200394

Description: 0.58 mi of hot mix asphalt, pavement removal, backfill swamp, earth and peat excavation, subbase, aggregate base, culverts, guardrail, pavement marking and slope restoration on East Munising Avenue from Foster Road to Bay Street in the city of Munising, Alger County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200394A	FLH 1702(007)	RT0720	FLAP 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0050	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0060	Curb and Gutter, Rem	2040020	40.000	Ft
0070	Guardrail, Rem	2040035	1,153.000	Ft
0080	Pavt, Rem	2040050	6,530.000	Syd
0090	Sidewalk, Rem	2040055	218.000	Syd
0100	Backfill, Swamp	2050001	9,350.000	Cyd
0110	Embankment, CIP	2050010	210.000	Cyd
0120	Excavation, Earth	2050016	8,390.000	Cyd
0130	Excavation, Peat	2050017	9,350.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0150	Erosion Control, Silt Fence	2080036	3,020.000	Ft
0160	Subbase, CIP	3010002	5,125.000	Cyd
0170	Aggregate Base, 8 inch	3020020	13,860.000	Syd
0180	Maintenance Gravel, LM	3060021	280.000	Cyd
0190	Approach, CI I, 6 inch	3070008	161.000	Syd
0200	Approach, CI II, 6 inch	3070028	40.000	Syd
0210	Shoulder, CI II, 4 inch	3070126	371.000	Syd
0220	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0230	Culv, CI E, Conc, 24 inch	4010576	111.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	2,925.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	490.000	Ft
0270	Culv, Precast Conc Box, 5 foot by 5 foot	4060104	68.000	Ft

0280	HMA Surface, Rem	5010005	5,280.000	Syd
0290	HMA Approach	5010061	24.000	Ton
0300	HMA, LVSP	5010703	2,587.000	Ton
0310	Driveway, Reinf Conc, 6 inch	8010001	113.000	Syd
0320	Curb and Gutter, Conc, Det B2	8020016	715.000	Ft
0330	Sidewalk, Conc, 4 inch	8030044	257.000	Sft
0340	Guardrail, Type B	8070000	915.000	Ft
0350	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0360	Fdn, Wood Support, Rem	8100280	2.000	Ea
0370	Post, Steel, 3 lb	8100371	102.000	Ft
0380	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0390	Sign, Type III, Rem	8100403	2.000	Ea
0400	Sign, Type IIIB	8100405	9.000	Sft
0410	Pavt Mrkg, Polyurea, Bike	8110100	5.000	Ea
0420	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	5.000	Ea
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,900.000	Ft
0440	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,900.000	Ft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0500	Sign Cover	8120310	20.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	7.000	Sft
0520	Sign, Type A, Temp, Prismatic, Oper	8120341	7.000	Sft
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	765.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	765.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	105.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	105.000	Sft
0570	Riprap, Grouted	8130001	4.000	Syd
0580	Riprap, Plain	8130010	110.000	Syd
0590	Slope Restoration, Type A	8160100	274.000	Syd
0600	Slope Restoration, Type B	8160101	7,638.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 171103 031

Letting Date: November 3, 2017

Contract ID: 69011-126433

Description: 0.26 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, storm sewer, watermain, signing and pavement markings on Dickerson Road north of Milbocker Road in the city of Gaylord, Otsego County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126433A	STP 1769(004)	HK1759	STUL 69011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0040	Curb and Gutter, Rem	2040020	135.000	Ft
0050	Pavt, Rem	2040050	252.000	Syd
0060	Sidewalk, Rem	2040055	45.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	Excavation, Earth	2050016	800.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	_ Machine Grading, Modified	2057002	15.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0120	Aggregate Base, 6 inch	3020016	1,000.000	Syd
0130	Aggregate Base, 8 inch	3020020	5,605.000	Syd
0140	Approach, CI I, 6 inch	3070008	996.000	Syd
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	168.000	Ft
0160	Sewer, CI A, 15 inch, Tr Det B	4020034	1,087.000	Ft
0170	Sewer, CI A, 18 inch, Tr Det B	4020035	580.000	Ft
0180	Sewer Tap, 12 inch	4021204	2.000	Ea
0190	Video Taping Sewer and Culv Pipe	4021275	1,835.000	Ft
0200	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0220	Dr Structure Cover, Type B	4030010	9.000	Ea
0230	Dr Structure Cover, Type D	4030025	3.000	Ea
0240	Dr Structure Cover, Type K	4030050	7.000	Ea
0250	Dr Structure, 24 inch dia	4030200	8.000	Ea
0260	Dr Structure, 48 inch dia	4030210	10.000	Ea
0270	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft

0280	HMA Surface, Rem	5010005	6,610.000	Syd
0290	HMA, 4E1	5010050	795.000	Ton
0300	HMA, 5E1	5010056	635.000	Ton
0310	HMA Approach	5010061	193.000	Ton
0320	Driveway, Reinf Conc, 8 inch	8010003	290.000	Syd
0330	Curb and Gutter, Conc, Det F4	8020038	2,025.000	Ft
0340	Driveway Opening, Conc, Det M	8020050	1,092.000	Ft
0350	Curb Ramp Opening, Conc	8030030	16.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	165.000	Sft
0370	Sidewalk, Conc, 4 inch	8030044	145.000	Sft
0380	_ Detectable Warning Surface, Cast Iron	8037001	12.000	Ft
0390	Shared use Path, HMA	8060040	104.000	Ton
0400	Post, Mailbox	8070095	5.000	Ea
0410	Fence, Chain Link, 72 inch	8080013	470.000	Ft
0420	Fence, Moving	8080120	430.000	Ft
0430	Post, Steel, 3 lb	8100371	42.000	Ft
0440	Sign, Type III, Rem	8100403	3.000	Ea
0450	Sign, Type IIIB	8100405	18.000	Sft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	75.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,946.000	Ft
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0530	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0540	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0550	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	259.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	259.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	95.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	95.000	Sft
0640	Riprap, Heavy	8130005	10.000	Syd
0650	Mulch Blanket, High Velocity	8160028	500.000	Syd
0660	_ Slope Restoration, Modified	8167011	7,500.000	Syd
0670	Monument Box	8210001	1.000	Ea
0680	Monument Preservation	8210010	1.000	Ea
0690	Hydrant, Rem	8230091	2.000	Ea
0700	_ Cured In-Place Pipe Liner, 10 inch	8237001	1,152.000	Ft

0710	_ Water Main, PVC, 12 inch, Tr Det G	8237001	1,410.000	Ft
0720	_ Water Main, PVC, 6 inch, Tr Det G	8237001	88.000	Ft
0730	_ Water Service, 1 1/4 inch	8237001	76.000	Ft
0740	_ Water Service, 1 inch	8237001	446.000	Ft
0750	_ Water Service, 2 inch	8237001	50.000	Ft
0760	_ Connect to Existing Water Main	8237050	3.000	Ea
0770	_ Curb Stop and Box, 1 1/4 inch	8237050	1.000	Ea
0780	_ Curb Stop and Box, 1 inch	8237050	10.000	Ea
0790	_ Curb Stop and Box, 2 inch	8237050	1.000	Ea
0800	_ Gate Valve and Box, 12 inch, Modified	8237050	3.000	Ea
0810	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
0820	_ Hydrant, Assembly	8237050	2.000	Ea
0830	_ Sanitary Manhole, 48 inch, Including Casting	8237050	4.000	Ea
0840	_ Tapping Saddle and Corporation Stop, 1 1/4 inch	8237050	1.000	Ea
0850	_ Tapping Saddle and Corporation Stop, 1 inch	8237050	10.000	Ea
0860	_ Tapping Saddle and Corporation Stop, 2 inch	8237050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 032

Letting Date: November 3, 2017

Contract ID: 43555-133215

Description: 0.39 mi of hot mix asphalt pavement removal and resurfacing, concrete sidewalks and drainage improvements on Beech Street from First Street north to Fourth Street and on Third Street from Beech Street east to M-37, Lake County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133215A	STP 1743(003)	RT0718	STL 43555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,100.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	20.000	Sta
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	973.000	Ft
0050	Pavt, Rem	2040050	30.000	Syd
0060	Embankment, CIP	2050010	1,900.000	Cyd
0070	Excavation, Earth	2050016	3,850.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0100	Subbase, CIP	3010002	320.000	Cyd
0110	Aggregate Base, 6 inch	3020016	6,815.000	Syd
0120	Approach, CI I, 6 inch	3070008	1,801.000	Syd
0130	Approach, CI II, 6 inch	3070028	218.000	Syd
0140	Culv, CI F, 15 inch	4010608	64.000	Ft
0150	Sewer, CI A, 8 inch, Tr Det B	4020031	8.000	Ft
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	8.000	Ft
0170	Sewer, CI E, 15 inch, Tr Det B	4020601	123.000	Ft
0180	Sewer, CI E, 18 inch, Tr Det B	4020602	915.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0200	Dr Structure Cover, Type B	4030010	2.000	Ea
0210	Dr Structure Cover, Type G	4030040	3.000	Ea
0220	Dr Structure Cover, Type K	4030050	2.000	Ea
0230	Dr Structure, 24 inch dia	4030200	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	4.000	Ea
0250	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0260	HMA Surface, Rem	5010005	6,040.000	Syd
0270	HMA, 4E1	5010050	1,190.000	Ton

0280	HMA Approach	5010061	280.000	Ton
0290	Driveway, Nonreinf Conc, 6 inch	8010005	15.000	Syd
0300	Curb and Gutter, Conc, Det F4	8020038	1,918.000	Ft
0310	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0320	Spillway, Conc	8020075	6.000	Ft
0330	Detectable Warning Surface	8030010	88.000	Ft
0340	Curb Ramp Opening, Conc	8030030	102.000	Ft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	816.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	16,210.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	2,127.000	Sft
0380	Post, Mailbox	8070095	1.000	Ea
0390	Post, Steel, 3 lb	8100371	251.000	Ft
0400	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0410	Sign, Type III, Rem	8100403	16.000	Ea
0420	Sign, Type IIIA	8100404	42.000	Sft
0430	Sign, Type IIIB	8100405	28.000	Sft
0440	Reflective Panel for Permanent Sign Support, 6 foot	8100616	7.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	430.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,750.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	525.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	180.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	180.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	70.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	70.000	Sft
0570	Paved Ditch, HMA	8140010	10.000	Syd
0580	_ Slope Restoration, Modified	8167011	10,450.000	Syd
0590	Hydrant, Relocate, Case 1	8230095	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 033

Letting Date: November 3, 2017

Contract ID: 38609-130916

Description: Installation of countdown pedestrian signals, sidewalk ramp upgrades and enhanced sidewalk markings at the intersections of Airport Road, Springport Road, and County Farm Road, Jackson County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130916A	HSIP 1738(026)	RT0737	HSIP 38609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	105.000	Ft
0030	Pavt, Rem	2040050	12.000	Syd
0040	Sidewalk, Rem	2040055	80.000	Syd
0050	Embankment, CIP	2050010	4.000	Cyd
0060	Excavation, Earth	2050016	15.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	1.000	Cyd
0090	Aggregate Base, 4 inch	3020010	156.000	Syd
0100	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0110	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0120	HMA Surface, Rem	5010005	12.000	Syd
0130	Hand Patching	5010025	4.000	Ton
0140	Conc Base Cse, Nonreinf, 7 inch	6020017	13.000	Syd
0150	Detectable Warning Surface	8030010	47.000	Ft
0160	Curb Ramp Opening, Conc	8030030	105.000	Ft
0170	Sidewalk Ramp, Conc, 4 inch	8030034	175.000	Sft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	325.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	580.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	620.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	160.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	5.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	8.000	Ea
0270	Rem Spec Mrkg	8110343	1,150.000	Sft

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10.000	Ft
0340	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0380	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0390	Slope Restoration, Type A	8160100	112.000	Syd
0400	Conduit, DB, 1, 1 1/2 inch	8190027	155.000	Ft
0410	Conduit, DB, 1, 3 inch	8190029	30.000	Ft
0420	Hh, Round	8190260	4.000	Ea
0430	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
0440	Pedestal, Alum	8200100	8.000	Ea
0450	Pedestal, Fdn	8200105	8.000	Ea
0460	Pushbutton and Sign	8200121	8.000	Ea
0470	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 034

Letting Date: November 3, 2017

Contract ID: 08000-200859

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, driveway, sidewalk and ramps, drainage and pavement markings on various routes in the city of Hastings, Barry County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200859A	STP 1708(008)	HK 1756	STUL 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,715.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0040	Pavt, Rem	2040050	211.000	Syd
0050	Sidewalk, Rem	2040055	807.000	Syd
0060	Embankment, CIP	2050010	10.000	Cyd
0070	Excavation, Earth	2050016	20.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	20.000	Cyd
0110	Aggregate Base, 4 inch	3020010	200.000	Syd
0120	Dr Structure Cover, Adj, Case 2	4030006	43.000	Ea
0130	Dr Structure Cover, Type R	4030070	1.000	Ea
0140	Cold Milling HMA Surface	5010002	17,344.000	Syd
0150	Hand Patching	5010025	1.000	Ton
0160	HMA, 5E1	5010056	1,717.000	Ton
0170	Conc Base Cse, Nonreinf, 6 inch	6020015	211.000	Syd
0180	Curb, Conc, Det E1	8020001	55.000	Ft
0190	Curb and Gutter, Conc, Det F4	8020038	995.000	Ft
0200	Driveway Opening, Conc, Det M	8020050	30.000	Ft
0210	Detectable Warning Surface	8030010	330.000	Ft
0220	Curb Ramp Opening, Conc	8030030	720.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	2,295.000	Sft
0240	Sidewalk, Conc, 4 inch	8030044	2,305.000	Sft
0250	Sidewalk, Conc, 6 inch	8030046	125.000	Sft
0260	_ Sidewalk Ramp, ADA, Decorative Brick	8037010	240.000	Sft
0270	_ Sidewalk, Conc, 4 inch, Decorative	8037010	25.000	Sft

0280	_ Sidewalk, Decorative Brick, Rem & Salv	8037010	690.000	Sft
0290	_ Sidewalk, Decorative Brick, Reuse	8037010	670.000	Sft
0300	_ Sidewalk, Ramp, Conc, 6 inch, Decorative	8037010	720.000	Sft
0310	_ Block Wall, Landscape, Nonreinf	8107010	40.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	496.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	285.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	12.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,120.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,800.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,120.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,800.000	Ft
0400	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0430	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0440	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, High Intensity, Furn	8120250	65.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	65.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	225.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	225.000	Sft
0500	_ Pedestrian Type II Barricade, Temp	8127050	25.000	Ea
0510	Slope Restoration, Type A	8160100	200.000	Syd



10/6/2017 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 035

Letting Date: November 3, 2017

Contract ID: 41131-200923

Description: Bearing realignment and temporary supports on US-131 over Plaster Creek in the cities of Grand Rapids, Wyoming and Grandville, Kent and Ottawa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200923A	N/A	N/A	M 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Relocation and Site Cleanup	1027051	1.000	LSUM
0020	Mobilization, Max \$90,000.00	1500001	1.000	LSUM
0030	Maintenance Gravel, LM	3060021	50.000	Cyd
0040	Barricade, Type III, High Intensity, Lighted, Furn	8120022	35.000	Ea
0050	Barricade, Type III, High Intensity, Lighted, Oper	8120023	35.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0080	Ltg for Night Work	8120160	1.000	LSUM
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Mobile Attenuator	8120180	1.000	Ea
0110	Plastic Drum, High Intensity, Furn	8120250	600.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	600.000	Ea
0130	Sign Cover	8120310	50.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	1,957.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,957.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	120.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	120.000	Sft
0180	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	8.000	Ea
0190	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	8.000	Ea
0200	Mulch	8160025	4,450.000	Syd
0210	Mulch Anchoring	8160026	4,450.000	Syd
0220	Seeding, Mixture TSM	8160041	190.000	Lb
0230	Contractor Staking	8240001	1.000	LSUM
0240	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0250	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0260	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0270	Non Haz Contaminated Material Handling and Disposal, LM	2050031	400.000	Cyd
0280	Excavation, Fdn	2060010	1,030.000	Cyd
0290	_ Backfill, Structure, CIP, Dense-Graded, Modified	2067021	1,030.000	Cyd
0300	Erosion Control, Silt Fence	2080036	600.000	Ft
0310	Conc, Grade D	7060010	4.000	Cyd
0320	Conc, Low Temperature Protection	7060020	4.000	Cyd
0330	Reinforcement, Steel, Epoxy Coated	7060092	550.000	Lb
0340	Structural Steel, Mixed, Erect	7070050	952.000	Lb
0350	Structural Steel, Mixed, Furn and Fab	7070051	952.000	Lb
0360	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	64.000	Ea
0370	Bolt, Adhesive Anchored, 7/8 inch	7120043	80.000	Ea
0380	Beam Plate, Seal Perimeter	7130010	242.000	Ft
0390	Rocker, Realign	7130050	8.000	Ea
0400	Stiffeners, Furn, Fab, and Erect	7130060	916.000	Lb
0410	Support, Column, Temp	7130080	8.000	Ea
0420	_ Clean and Coat Steel Bearings	7157050	16.000	Ea
0430	_ Heating and Housing (R02-1 of 41131)	7157051	1.000	LSUM
0440	_ Heating and Housing (R02-2 of 41131)	7157051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 171103 036

Letting Date: November 3, 2017

Contract ID: 66013-128943

Description: Bridge rehabilitation, epoxy overlay, deck patching, joint replacement, substructure repair and approach reconstruction on M-64 over the Ontonagon River in the village of Ontonagon, Ontonagon County. This project contains a 5 year performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128943A	STP 1766(005)	HK1695	ST 66013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$111,800.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	200.000	Ft
0030	Maintenance Gravel, LM	3060021	9.000	Cyd
0040	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	140.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	140.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,225.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,570.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	140.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,225.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,570.000	Ft
0110	Rem Spec Mrkg	8110343	215.000	Sft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0140	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0150	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0160	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0170	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0180	Channelizing Device, 42 inch, Furn	8120030	65.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	65.000	Ea
0200	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0210	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0220	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0230	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	6.000	Ea
0240	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	6.000	Ea
0250	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	6.000	Ea
0260	Conc Barrier, Temp, Adj	8120080	880.000	Ft
0270	Conc Barrier, Temp, Furn	8120081	880.000	Ft

0280	Conc Barrier, Temp, Oper	8120082	880.000	Ft
0290	High Intensity Light, Type B, Furn	8120110	7.000	Ea
0300	High Intensity Light, Type B, Oper	8120111	7.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,965.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	685.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,500.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,888.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	90.000	Ft
0420	PTS System, Temp, Furn	8120270	1.000	Ea
0430	PTS System, Temp, Oper	8120271	1.000	Ea
0440	Sign Cover	8120310	12.000	Ea
0450	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0460	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0470	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
0480	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	753.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	753.000	Sft
0510	_ Pedestrian Path, Temp	8127001	40.000	Ft
0520	_ Pedestrian Type II Channelizer, Temp	8127001	2,000.000	Ft
0530	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0540	Slope Restoration, Type B	8160101	50.000	Syd

Section: 2

0550	Excavation, Fdn	2060010	13.000	Cyd
0560	Aggregate Base	3020001	6.000	Ton
0570	Underdrain, Fdn, 4 inch	4040031	127.000	Ft
0580	Joint, Expansion, E3	6020208	127.000	Ft
0590	Bridge Ltg, Furn and Rem (B12 of 66013)	7060001	1.000	LSUM
0600	Bridge Ltg, Oper and Maintain	7060002	105.000	Cyd
0610	Expansion Joint Device	7060050	127.000	Ft
0620	Expansion Joint Device, Cover Plate	7060051	25.000	Ft
0630	False Decking	7060060	1,440.000	Sft
0640	Reinforcement, Steel, Epoxy Coated	7060092	14,844.000	Lb
0650	Superstructure Conc, Form, Finish, and Cure, Night Casting (B12 of 66013)	7060112	1.000	LSUM
0660	Superstructure Conc, Night Casting	7060113	105.000	Cyd

0670	Structural Steel, Mixed, Erect	7070050	500.000	Lb
0680	Structural Steel, Mixed, Furn and Fab	7070051	500.000	Lb
0690	Expansion Joint System, Modular, 6 inch	7070106	118.000	Ft
0700	Substructure Horizontal Surface Sealer (B12 of 66013)	7100030	65.000	Syd
0710	Hand Chipping, Shallow	7120003	10.000	Syd
0720	Hand Chipping, Deep	7120004	40.000	Syd
0730	Structures, Rehabilitation, Rem Portions (B12 of 66013)	7120070	1.000	LSUM
0740	Reinforcement, Mechanical Splice	7120084	184.000	Ea
0750	Patching Conc, C-L	7120112	12.000	Cyd
0760	_ Priority 1, Epoxy Ovly, Warranty	7127011	10,325.000	Syd
0770	Guardrail Anch, Bridge, Det T5	8070026	2.000	Ea
0780	Conduit, Schedule 40, 2 inch	8190147	80.000	Ft
0790	Light Std Arm, Install Salv	8190276	8.000	Ea
0800	Light Std Arm, Rem and Salv	8190278	8.000	Ea
0810	Light Std Shaft, Install Salv	8190301	8.000	Ea
0820	Light Std Shaft, Rem and Salv	8190306	8.000	Ea
0830	Luminaire, Install Salv	8190350	8.000	Ea
0840	Luminaire, Rem and Salv	8190365	8.000	Ea
0850	_ Cable, Rem and Salv	8197001	160.000	Ft
0860	_ DB Cable, in Conduit, 600V, 1/C#6 , Install Salv	8197001	160.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 037

Letting Date: November 3, 2017

Contract ID: 10011-200453

Description: 73.86 mi of hot mix asphalt crack treatment on various state trunkline routes, Benzie, Leelanau, Manistee and Wexford Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200453A	STP 1710(005)	HK1712	ST 10011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	73.860	Lnmi
0030	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign Cover	8120310	4.000	Ea
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 171103 038

Letting Date: November 3, 2017

Contract ID: 24012-131773

Description: 3.79 mi of hot mix asphalt cold milling and resurfacing, shoulder gravel, shoulder and centerline corrugations and pavement markings on US-31 from south of East Levering Road to north of Munger Road, Emmet County. This project contains a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131773A	N/A	N/A	M 24012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	50.000	Cyd
0030	Erosion Control, Silt Fence	2080036	500.000	Ft
0040	Shoulder, CI II	3070121	115.000	Ton
0050	Cold Milling HMA Surface	5010002	86,740.000	Syd
0060	HMA Quality Initiative	5010007	15,040.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	22,625.000	Dlr
0080	Hand Patching	5010025	200.000	Ton
0090	HMA Approach	5010061	150.000	Ton
0100	HMA, LVSP	5010703	7,370.000	Ton
0110	Guardrail, Type B	8070000	100.000	Ft
0120	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0130	Guardrail, Reconst, Type B	8070105	1,130.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,200.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	150.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	24,200.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	40,000.000	Ft
0210	Channelizing Device, 42 inch, Furn	8120030	280.000	Ea
0220	Channelizing Device, 42 inch, Oper	8120031	280.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	3,200.000	Ft

Yellow, Temp				
0280	Sign Cover	8120310	10.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	568.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	568.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Fertilizer, Chemical Nutrient, CI A	8160020	13.000	Lb
0330	Mulch	8160025	250.000	Syd
0340	Seeding, Mixture TDS	8160037	12.000	Lb
0350	Topsoil Surface, Furn, 2 inch	8160060	250.000	Syd
0360	Centerline Corrugations, Milled, HMA	8220013	17,115.000	Ft
0370	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	34,120.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 171103 039

Letting Date: November 3, 2017

Contract ID: 25011-126434

Description: 0.54 mi of hot mix asphalt cold milling and resurfacing, pavement removal, ditching, aggregate base and shoulder, culverts, concrete curb, gutter, sidewalk and ramps on Gale Road from McCandlish Road to Hegel Road, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126434A	STP 1725(032)	HK1726	STUL 25011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	15.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0060	Sidewalk, Rem	2040055	16.000	Syd
0070	_ Pavt, Rem, Modified	2047011	4,430.000	Syd
0080	_ Machine Grading, Modified	2057002	29.000	Sta
0090	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	121.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0120	Erosion Control, Silt Fence	2080036	2,700.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	_ Aggregate Base, 7 inch, Modified	3027011	455.000	Syd
0150	_ Aggregate Base, 7.5 inch, Modified	3027011	3,650.000	Syd
0160	_ Maintenance Gravel, Modified	3067031	50.000	Ton
0170	_ Approach, CI II, Modified	3077031	40.000	Ton
0180	_ Shoulder, CI II, Modified	3077031	450.000	Ton
0190	Culv End Sect, Metal, 12 inch	4010094	6.000	Ea
0200	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0210	Culv, CI A, 18 inch	4010133	136.000	Ft
0220	Culv, CI F, CSP, 12 inch	4010675	120.000	Ft
0230	Culv, CI F, CSP, 18 inch	4010677	190.000	Ft
0240	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	6.000	Ea
0250	Dr Marker Post	4011109	6.000	Ea
0260	Sewer, CI IV, 12 inch, Tr Det B	4020987	15.000	Ft
0270	Sewer Bulkhead, 18 inch	4021232	2.000	Ea

0280	Video Taping Sewer and Culv Pipe	4021275	145.000	Ft
0290	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0300	Dr Structure Cover, Type K	4030050	2.000	Ea
0310	Dr Structure Lead, Cleaning, 12 inch	4030112	12.000	Ft
0320	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0330	Dr Structure, Tap, 4 inch	4030304	2.000	Ea
0340	Underdrain, Subgrade, 4 inch	4040071	400.000	Ft
0350	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0360	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0370	Pavt for Butt Joints, Rem	5010008	790.000	Syd
0380	HMA, 2C	5010030	760.000	Ton
0390	HMA, 4C	5010032	1,100.000	Ton
0400	HMA, 36A	5010034	330.000	Ton
0410	HMA Approach	5010061	40.000	Ton
0420	_ Pavement Repair Membrane	5017001	290.000	Ft
0430	_ HMA Commercial Approach, Special	5017011	455.000	Syd
0440	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	75.000	Syd
0450	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	50.000	Syd
0460	Curb and Gutter, Conc, Det C5	8020024	60.000	Ft
0470	Curb and Gutter, Conc, Det C6	8020025	350.000	Ft
0480	Driveway Opening, Conc, Det M	8020050	275.000	Ft
0490	Spillway, Conc	8020075	6.000	Ft
0500	Detectable Warning Surface	8030010	26.000	Ft
0510	Curb Ramp Opening, Conc	8030030	40.000	Ft
0520	Sidewalk Ramp, Conc, 7 inch	8030037	145.000	Sft
0530	_ Post, Mailbox, Modified	8077050	2.000	Ea
0540	Post, Steel, 3 lb	8100371	350.000	Ft
0550	Sign, Type III, Rem	8100403	17.000	Ea
0560	Sign, Type IIIA	8100404	20.000	Sft
0570	Sign, Type IIIB	8100405	115.000	Sft
0580	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	126.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0640	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,800.000	Ft
0650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,400.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,800.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,400.000	Ft
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0700	Dust Palliative, Applied	8120100	5.000	Ton

0710	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0720	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	40.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0760	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0770	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0780	Sign Cover	8120310	1.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	450.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	450.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0850	_ Riprap, Plain, Modified	8137011	3.000	Syd
0860	_ Slope Restoration, Modified	8167011	4,200.000	Syd
0870	_ Reconstructing Sanitary Sewer Manhole, Special	8257050	2.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 040

Letting Date: November 3, 2017

Contract ID: 05609-130872

Description: 2.80 mi of guardrail replacement on Bellaire Highway from SE Torch Lake Drive to the Bellaire village limits, Antrim County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130872A	HSIP 1705(005)	RT0739	HSIP 05609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	2,747.000	Ft
0030	Guardrail, Type B	8070000	3,925.000	Ft
0040	Guardrail, Curved, Type B	8070010	50.000	Ft
0050	Guardrail Approach Terminal, Type 2B	8070042	20.000	Ea
0060	Guardrail Departing Terminal, Type B	8070050	5.000	Ea
0070	Guardrail Reflector	8070080	204.000	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	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 171103 041

Letting Date: November 3, 2017

Contract ID: 33000-200565

Description: 0.60 mi of hot mix asphalt cold milling, widening and resurfacing, concrete curb and gutter, aggregate base and pavement markings on East Kalamazoo Street from Washington Avenue to Larch Street, Ingham County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200565A	TAP 1733(033)	HK1732	TAU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	112.000	Ft
0040	Curb and Gutter, Rem	2040020	449.000	Ft
0050	Sidewalk, Rem	2040055	148.000	Syd
0060	_ Pavt, Rem, Modified	2047011	270.000	Syd
0070	_ Machine Grading, Modified	2057002	4.000	Sta
0080	_ Subgrade Undercutting, Special	2057011	40.000	Syd
0090	Erosion Control, Silt Fence	2080036	700.000	Ft
0100	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	5.000	Ea
0110	_ Street Sweeping	2087050	10.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base	3020001	14.000	Ton
0140	Aggregate Base, 8 inch	3020020	808.000	Syd
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	60.000	Ft
0160	Sewer Tap, 12 inch	4021204	2.000	Ea
0170	Video Taping Sewer and Culv Pipe	4021275	114.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0190	Dr Structure, 24 inch dia	4030200	2.000	Ea
0200	Dr Structure, 48 inch dia	4030210	2.000	Ea
0210	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0220	_ Sewer, PVC, 8 inch	4037001	30.000	Ft
0230	_ Spot Repair of Existing 8 inch Sewer	4037001	24.000	Ft
0240	_ Dr Structure Cover, Type B, Special	4037050	3.000	Ea
0250	_ Dr Structure Cover, Type K, Special	4037050	3.000	Ea
0260	Cold Milling HMA Surface	5010002	2,864.000	Syd
0270	Hand Patching	5010025	14.000	Ton

0280	HMA, 13A	5010033	388.000	Ton
0290	Driveway, Nonreinf Conc, 6 inch	8010005	15.000	Syd
0300	Curb and Gutter, Conc, Det F4	8020038	316.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0320	Curb Ramp Opening, Conc	8030030	51.000	Ft
0330	_ Sidewalk, ADA Truncated Dome Device	8037001	60.000	Ft
0340	_ Sidewalk Ramp, Conc, 6 inch, Special	8037010	267.000	Sft
0350	_ Sidewalk, Conc, 4 inch, Special	8037010	615.000	Sft
0360	_ Sidewalk, Conc, 6 inch, Special	8037010	502.000	Sft
0370	Shared use Path, Grading	8060030	295.000	Ft
0380	Shared use Path, HMA	8060040	70.000	Ton
0390	Fence, Protective	8080007	1,000.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	940.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	294.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	17.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	17.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,158.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,546.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, White	8110233	70.000	Ft
0510	Pavt Mrkg, Waterborne, 12 inch, White	8110237	630.000	Ft
0520	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	110.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,158.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,546.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	70.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	630.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	110.000	Ft
0580	Rem Spec Mrkg	8110343	1,329.000	Sft
0590	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0600	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0610	Dust Palliative, Applied	8120100	20.000	Ton
0620	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,971.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	500.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	500.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft

0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	112.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	112.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	_ Pedestrian Type II Barricade, Temp	8127050	12.000	Ea
0740	_ Parkway Restoration	8167011	1,350.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 042

Letting Date: November 3, 2017

Contract ID: 73000-130989

Description: 2.42 mi of hot mix asphalt crushing, shaping and resurfacing, earthwork, drainage, driveway replacement, signing and restoration on Hart Road from Miller Road to Willing Road, Saginaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130989A	FLH 1773(016)	RT0727	FLAP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$144,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	25.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	19.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	23.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	17.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	10.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	541.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	178.000	Ft
0090	Guardrail, Rem	2040035	41.000	Ft
0100	_ Pavt, Rem, Modified	2047011	919.000	Syd
0110	_ Headwall, Rem	2047050	16.000	Ea
0120	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0130	_ Machine Grading, Modified	2057002	132.000	Sta
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0150	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0160	_ Aggregate Base, Modified	3027031	9,956.000	Ton
0170	_ HMA Base Crushing and Shaping, Modified	3057011	23,544.000	Syd
0180	_ Remix Millings	3057011	32,486.000	Syd
0190	Maintenance Gravel	3060020	1,000.000	Ton
0200	_ Approach, CI II, 6 inch, Modified	3077011	1,267.000	Syd
0210	_ Shoulder, CI II, 4 inch, Modified	3077011	5,742.000	Syd
0220	Culv, CI F, Conc, 12 inch	4010641	544.000	Ft
0230	Culv, CI F, Conc, 15 inch	4010642	81.000	Ft
0240	Culv, CI F, Conc, 18 inch	4010643	37.000	Ft
0250	Culv, CI F, Conc, 24 inch	4010644	180.000	Ft
0260	Culv, CI F, Conc, 30 inch	4010645	100.000	Ft
0270	Sewer, CI E, 12 inch, Tr Det B	4020600	1,059.000	Ft

0280	Sewer, CI E, 15 inch, Tr Det B	4020601	100.000	Ft
0290	Sewer, CI E, 18 inch, Tr Det B	4020602	15.000	Ft
0300	Sewer, CI E, 24 inch, Tr Det B	4020603	365.000	Ft
0310	Sewer, CI E, 30 inch, Tr Det B	4020604	17.000	Ft
0320	Sewer, CI E, 36 inch, Tr Det B	4020605	50.000	Ft
0330	Sewer Tap, 12 inch	4021204	2.000	Ea
0340	Sewer Tap, 30 inch	4021208	2.000	Ea
0350	Dr Structure Cover, Type B	4030010	2.000	Ea
0360	Dr Structure Cover, Type G	4030040	8.000	Ea
0370	Dr Structure, 24 inch dia	4030200	6.000	Ea
0380	Dr Structure, 48 inch dia	4030210	2.000	Ea
0390	Dr Structure, 60 inch dia	4030220	1.000	Ea
0400	Dr Structure, 72 inch dia	4030230	2.000	Ea
0410	HMA Approach	5010061	121.000	Ton
0420	HMA, LVSP	5010703	6,499.000	Ton
0430	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0440	Post, Mailbox	8070095	57.000	Ea
0450	Post, Steel, 3 lb	8100371	278.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0470	Sign, Type III, Rem	8100403	13.000	Ea
0480	Sign, Type IIIA	8100404	45.000	Sft
0490	Sign, Type IIIB	8100405	46.000	Sft
0500	Pavt Mrkg, Waterborne, 4 inch, White	8110231	360.000	Ft
0510	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0530	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0550	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0560	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	_ Turf Establishment, Performance	8167011	33,263.000	Syd
0590	Monument Box	8210001	7.000	Ea
0600	Monument Preservation	8210010	7.000	Ea
0610	_ Liquid Calcium Chloride	8507022	13,001.000	Gal



Schedule of Pay Items

Report v1

Letting Call: 171103 043

Letting Date: November 3, 2017

Contract ID: 47000-132720

Description: 0.89 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and driveway, culvert, drainage, shoulder widening, aggregate shoulder and pavement markings on Pinckney Road from Schafer Road north to Triangle Lake Road, Livingston County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132720A	STP 1747(009)	RT0722	STL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0030	Curb and Gutter, Rem	2040020	265.000	Ft
0040	Curb, Rem	2040021	1,772.000	Ft
0050	Pavt, Rem	2040050	363.000	Syd
0060	Embankment, CIP	2050010	606.000	Cyd
0070	Excavation, Earth	2050016	1,001.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	_ Machine Grading, Modified	2057002	70.000	Sta
0100	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0120	Erosion Control, Sediment Trap	2080034	2.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0140	Subbase, CIP	3010002	170.000	Cyd
0150	Aggregate Base	3020001	1,158.000	Ton
0160	Shoulder, CI I	3070101	200.000	Ton
0170	Shoulder, CI II	3070121	1,004.000	Ton
0180	Culv End Sect, 12 inch	4010012	12.000	Ea
0190	Culv, CI F, 12 inch	4010607	170.000	Ft
0200	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0220	Dr Structure Cover, Type G	4030040	2.000	Ea
0230	Underdrain, Subbase, 6 inch	4040063	1,796.000	Ft
0240	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0250	Cold Milling HMA Surface	5010002	15,772.000	Syd
0260	HMA Surface, Rem	5010005	1,292.000	Syd
0270	Hand Patching	5010025	25.000	Ton

0280	HMA, 4E3	5010051	1,732.000	Ton
0290	HMA, 5E3	5010057	1,307.000	Ton
0300	HMA Approach	5010061	605.000	Ton
0310	_ HMA Wedging, Special	5017031	963.000	Ton
0320	Conc Base Cse, Nonreinf, 6 inch	6020015	360.000	Syd
0330	Cold Milling Conc Pavt	6030014	500.000	Syd
0340	Driveway, Nonreinf Conc, 6 inch	8010005	164.000	Syd
0350	Driveway, Nonreinf Conc, 8 inch	8010007	56.000	Syd
0360	Curb and Gutter, Conc, Det B2	8020016	2,041.000	Ft
0370	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0380	Spillway, Conc	8020075	4.000	Ft
0390	Curb Sloped, HMA	8050010	400.000	Ft
0400	Post, Mailbox	8070095	20.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0420	Pavt Mrkg, Waterborne, 4 inch, White	8110231	225.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,762.000	Ft
0440	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,669.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	225.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,762.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,669.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	500.000	Ft
0560	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	250.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	250.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0610	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0630	Sign Cover	8120310	10.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0680	Traf Regulator Control	8120370	1.000	LSUM

0690	Riprap, Plain	8130010	20.000	Syd
0700	Slope Restoration, Type B	8160101	6,000.000	Syd
0710	Monument Box Adjust	8210005	2.000	Ea
0720	Protect Corners	8210020	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 044

Letting Date: November 3, 2017

Contract ID: 54555-129656

Description: 1.26 mi of hot mix asphalt base crushing, shaping and resurfacing, profile corrections, storm sewer, culverts and guardrail on Chippewa Drive from Dwight Street north to 20 Mile Road, Mecosta County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129656A	STP 1754(008)	RT0725	STL 54555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,200.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	2.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0060	Dr Structure, Rem	2030011	4.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	331.000	Ft
0080	Fence, Rem	2040025	20.000	Ft
0090	Guardrail, Rem	2040035	1,450.000	Ft
0100	Pavt, Rem	2040050	118.000	Syd
0110	Sidewalk, Rem	2040055	21.000	Syd
0120	_ Structures, Wood, Rem	2047050	8.000	Ea
0130	Embankment, CIP	2050010	1,124.000	Cyd
0140	Excavation, Earth	2050016	3,329.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0160	Erosion Control, Silt Fence	2080036	4,737.000	Ft
0170	Subbase, CIP	3010002	1,456.000	Cyd
0180	Aggregate Base	3020001	1,697.000	Ton
0190	HMA Base Crushing and Shaping	3050002	18,000.000	Syd
0200	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0210	Salv Crushed Material, LM	3050015	1,100.000	Cyd
0220	Maintenance Gravel, LM	3060021	150.000	Cyd
0230	Shoulder, CI II	3070121	1,113.000	Ton
0240	Geotextile, Separator	3080005	3,640.000	Syd
0250	_ High Performance Triaxial Geogrid	3087011	5,670.000	Syd
0260	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0270	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea

0280	Culv, CI E, 12 inch	4010539	29.000	Ft
0290	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,567.000	Ft
0300	Sewer, CI IV, 15 inch, Tr Det B	4020988	34.000	Ft
0310	Video Taping Sewer and Culv Pipe	4021275	1,601.000	Ft
0320	Dr Structure Cover, Type C	4030015	18.000	Ea
0330	Dr Structure Cover, Type G	4030040	2.000	Ea
0340	Dr Structure, 24 inch dia	4030200	3.000	Ea
0350	Dr Structure, 48 inch dia	4030210	17.000	Ea
0360	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0370	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	755.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0410	Cold Milling HMA Surface	5010002	1,148.000	Syd
0420	HMA Surface, Rem	5010005	216.000	Syd
0430	HMA, 4E1	5010050	3,582.000	Ton
0440	HMA Approach	5010061	193.000	Ton
0450	_ HMA Spillway	5017011	26.000	Syd
0460	Driveway, Nonreinf Conc, 6 inch	8010005	118.000	Syd
0470	Curb and Gutter, Conc, Det B2	8020016	170.000	Ft
0480	Sidewalk, Conc, 6 inch	8030046	186.000	Sft
0490	Guardrail, Type B	8070000	1,200.000	Ft
0500	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0510	Guardrail Reflector	8070080	48.000	Ea
0520	Post, Mailbox	8070095	2.000	Ea
0530	_ Guardrail Approach Terminal, Type R-NG	8077050	4.000	Ea
0540	Delineator Reflector	8100130	26.000	Ea
0550	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0560	Delineator, Rem	8100349	28.000	Ea
0570	Post, Delineator	8100350	13.000	Ea
0580	Post, Steel, 3 lb	8100371	729.000	Ft
0590	Sign, Type IA	8100392	30.000	Sft
0600	Sign, Type IIA	8100398	10.000	Sft
0610	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0620	Sign, Type III, Rem	8100403	66.000	Ea
0630	Sign, Type IIIA	8100404	37.000	Sft
0640	Sign, Type IIIB	8100405	140.000	Sft
0650	Sign, Type VB	8100425	24.000	Sft
0660	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0670	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,700.000	Ft
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,640.000	Ft
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0700	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea

0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Sign Cover	8120310	10.000	Ea
0730	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0740	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	267.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	267.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	95.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	95.000	Sft
0790	Riprap, Plain	8130010	39.000	Syd
0800	Slope Restoration, Type A	8160100	835.000	Syd
0810	Slope Restoration, Type B	8160101	110.000	Syd
0820	Slope Restoration, Type C	8160102	1,520.000	Syd
0830	Slope Restoration, Type D	8160103	576.000	Syd
0840	Monument Box Adjust	8210005	1.000	Ea
0850	Monument Preservation	8210010	1.000	Ea
0860	Protect Corners	8210020	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 045

Letting Date: November 3, 2017

Contract ID: 64555-119744

Description: 0.59 mi of hot mix asphalt surface removal and resurfacing, aggregate base, concrete ramp upgrades and pavement markings on State Road from south of 2nd Street north to Sixth Street in the village of Shelby, Oceana County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119744A	STP 1764(005)	EE0590	STL 64555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,600.00	1500001	1.000	LSUM
0020	_ Dr Structure Cover, Special	2037050	10.000	Ea
0030	_ Dr Structure, Cover Only	2037050	9.000	Ea
0040	_ Ex Dr Structure, Compaction	2037050	21.000	Ea
0050	Curb and Gutter, Rem	2040020	400.000	Ft
0060	Sidewalk, Rem	2040055	205.000	Syd
0070	Excavation, Earth	2050016	4,265.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0100	_ Aggregate Base, 9 inch, Modified	3027011	15,500.000	Syd
0110	Maintenance Gravel, LM	3060021	150.000	Cyd
0120	Dr Structure Cover, Type B	4030010	2.000	Ea
0130	Dr Structure, Temp Lowering	4030390	21.000	Ea
0140	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	11.000	Ea
0150	HMA Surface, Rem	5010005	15,500.000	Syd
0160	HMA, 3C	5010031	1,800.000	Ton
0170	HMA, 5E1	5010056	1,800.000	Ton
0180	Detectable Warning Surface	8030010	150.000	Ft
0190	Curb Ramp Opening, Conc	8030030	400.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	1,530.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	315.000	Sft
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	960.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	360.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	210.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,500.000	Ft

0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	100.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,500.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	100.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	250.000	Ft
0370	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0390	PTS System, Temp, Furn	8120270	1.000	Ea
0400	PTS System, Temp, Oper	8120271	1.000	Ea
0410	Sign Cover	8120310	6.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	511.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	511.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	68.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	68.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	_ Slope Restoration	8167011	270.000	Syd
0480	Monument Box	8210001	1.000	Ea
0490	Monument Preservation	8210010	1.000	Ea
0500	Gate Box, Adj, Case 1	8230431	12.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 171103 046

Letting Date: November 3, 2017

Contract ID: 01000-201218

Description: 1.33 mi of hot mix asphalt base crushing, shaping and resurfacing, culvert, drainage, clearing, intersection improvements, signing and pavement markings on Bamfield Road from DeMott Road to Garrett Road, Alcona County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201218A	HRRR 1701(006)	KK4374	HRRR 01000

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	_ Clearing, Special	2017002	35.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0040	Guardrail, Rem	2040035	2,022.000	Ft
0050	Embankment, CIP	2050010	2,450.000	Cyd
0060	Embankment, LM	2050011	3,125.000	Cyd
0070	_ Excavation, Earth, Modified	2057021	3,775.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0090	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	Subbase, CIP	3010002	2,100.000	Cyd
0130	_ Aggregate Base, Modified	3027031	965.000	Ton
0140	HMA Base Crushing and Shaping	3050002	22,470.000	Syd
0150	_ HMA Base Crushing and Shaping, Special	3057011	5,400.000	Syd
0160	Maintenance Gravel	3060020	250.000	Ton
0170	Approach, CI I	3070001	358.000	Ton
0180	Approach, CI II	3070021	370.000	Ton
0190	Shoulder, CI II	3070121	325.000	Ton
0200	Trenching	3070200	115.000	Sta
0210	Culv End Sect, 18 inch	4010018	2.000	Ea
0220	Culv, CI A, 18 inch	4010133	64.000	Ft
0230	Culv, CI E, 18 inch	4010541	118.000	Ft
0240	Culv, CI F, 15 inch	4010608	768.000	Ft
0250	Culv, Downspout, 12 inch	4010795	20.000	Ft
0260	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea

0280	HMA Surface, Rem	5010005	1,042.000	Syd
0290	HMA Approach	5010061	115.000	Ton
0300	HMA, LVSP	5010703	3,920.000	Ton
0310	_ HMA Valley Gutter	5017001	1,775.000	Ft
0320	Guardrail, Type B	8070000	2,475.000	Ft
0330	Guardrail, Curved, Type B	8070010	225.000	Ft
0340	Guardrail Approach Terminal, Type 2B	8070042	5.000	Ea
0350	Guardrail Departing Terminal, Type B	8070050	9.000	Ea
0360	Guardrail Reflector	8070080	98.000	Ea
0370	_ Post, Mailbox, Modified	8077050	10.000	Ea
0380	Fence, Moving	8080120	350.000	Ft
0390	Post, Steel, 3 lb	8100371	728.000	Ft
0400	Sign, Type III, Rem	8100403	25.000	Ea
0410	Sign, Type IIIA	8100404	36.000	Sft
0420	Sign, Type IIIB	8100405	325.000	Sft
0430	Reflective Panel for Permanent Sign Support, 6 foot	8100616	42.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,150.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,220.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0480	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0490	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Riprap, Plain	8130010	60.000	Syd
0570	Paved Ditch, HMA	8140010	5.000	Syd
0580	_ Slope Restoration	8167002	70.000	Sta
0590	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	3,200.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 047

Letting Date: November 3, 2017

Contract ID: 13000-200826

Description: 0.55 mi of guardrail installation and upgrades on various routes, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200826A	HSIP 1713(017)	RT0744	HSIP 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	990.000	Ft
0030	_ TL-2 Timber, Modified	2047051	1.000	LSUM
0040	Machine Grading	2050030	18.000	Sta
0050	Erosion Control, Silt Fence	2080036	2,700.000	Ft
0060	Guardrail, Type B	8070000	1,288.000	Ft
0070	Guardrail, Type T	8070002	400.000	Ft
0080	Guardrail, Backed, Det G2	8070016	2.000	Ea
0090	Guardrail Anch, Bridge, Det A2	8070021	8.000	Ea
0100	Guardrail Anch, Bridge, Det T5	8070026	4.000	Ea
0110	Guardrail Approach Terminal, Type 2B	8070042	20.000	Ea
0120	Guardrail Post, Culv	8070070	136.000	Ea
0130	Guardrail Reflector	8070080	50.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	272.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	272.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0220	Slope Restoration, Type B	8160101	1,670.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 048

Letting Date: November 3, 2017

Contract ID: 64000-200493

Description: Application of long-line pavement markings on various routes, Oceana County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200493A	STP 1784(096)	RT0719	STL 64000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,100.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,550,639.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,659,722.000	Ft
0040	Minor Traf Devices	8120170	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 171103 049

Letting Date: November 3, 2017

Contract ID: 58460-132542

Description: 0.43 mi of sidewalk gap-filling, concrete, sidewalk and ramps, driveway, pedestrian pods, benches, trash receptacles, lighting, landscaping and fencing on Secor Road from Quail Hollow Drive to Springbrook Drive and on Sterns Road from Wellsley Street to east of Secor Road, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132542A	TAP 1758(021)	HK1747	TAU 58460

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$52,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	271.000	Ft
0030	Pavt, Rem	2040050	240.000	Syd
0040	Excavation, Earth	2050016	164.000	Cyd
0050	_ Clearing, Special	2057051	1.000	LSUM
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0070	Erosion Control, Silt Fence	2080036	700.000	Ft
0080	Aggregate Base	3020001	20.000	Ton
0090	Aggregate Base, Conditioning	3020050	240.000	Syd
0100	_ Conc Pavt, Colored, 6 inch	6027011	40.000	Syd
0110	Driveway, Reinf Conc, 8 inch	8010003	90.000	Syd
0120	Driveway, Nonreinf Conc, 6 inch	8010005	190.000	Syd
0130	Curb and Gutter, Conc, Det F4	8020038	110.000	Ft
0140	Detectable Warning Surface	8030010	20.000	Ft
0150	Curb Ramp Opening, Conc	8030030	110.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	351.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	2,315.000	Sft
0180	Sidewalk, Conc, 6 inch	8030046	365.000	Sft
0190	_ Header Strip, Decorative Colored Conc, 8 inch wide	8037001	1,552.000	Ft
0200	_ Decorative Railing	8087001	496.000	Ft
0210	Mast Arm Pole, Cat I	8100510	4.000	Ea
0220	Mast Arm, 40 foot, Cat I	8100524	1.000	Ea
0230	Mast Arm, 45 foot, Cat I	8100525	2.000	Ea
0240	Mast Arm, 50 foot, Cat I	8100526	1.000	Ea
0250	Mast Arm Pole Fdn, 6 Bolt	8100550	66.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	150.000	Ft
0270	_ Interconnected Preformed Thermoplastic Pavement	8117010	1,820.000	Sft

Marking Material				
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0300	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0310	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0320	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0330	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	15.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0380	Sign Cover	8120310	12.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	751.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	751.000	Sft
0410	Site Preparation, Max \$5,000.00	8150001	1.000	LSUM
0420	Watering and Cultivating, First Season, Min \$1,000.00	8150002	1.000	LSUM
0430	Watering and Cultivating, Second Season, Min \$1,200.00	8150003	1.000	LSUM
0440	Acer x freemanii 'Celebration', 2 inch	8150225	2.000	Ea
0450	Calamagrostis x acutiflora 'Karl Foerster', 4 inch pot	8150606	36.000	Ea
0460	Physocarpus opulifolius 'Seward', #5 cont.	8152723	9.000	Ea
0470	Quercus palustris, 2 inch	8153098	8.000	Ea
0480	Quercus rubra, 2 inch	8153126	11.000	Ea
0490	Rosa radRazz 'Knock Out', #5 cont.	8153262	42.000	Ea
0500	_ Landscape Edging, Steel	8157001	258.000	Ft
0510	_ Sprinkler Line	8157001	600.000	Ft
0520	_ Shredded Bark Mulch	8157021	10.000	Cyd
0530	_ Bench	8157050	7.000	Ea
0540	_ Limestone Pier Cap	8157050	48.000	Ea
0550	_ Masonry Column	8157050	48.000	Ea
0560	_ Sprinkler Head, Relocate	8157050	20.000	Ea
0570	_ Sprinkler Head, Replace	8157050	20.000	Ea
0580	_ Trash Receptacle	8157050	5.000	Ea
0590	Slope Restoration, Type A	8160100	427.000	Syd
0600	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
0610	Conduit, DB, 1, 3 inch	8190029	63.000	Ft
0620	Conduit, DB, 3, 3 inch	8190035	28.000	Ft
0630	Conduit, Schedule 80 PVC, 1 1/2 inch	8190156	60.000	Ft
0640	Hh, Rem	8190254	8.000	Ea
0650	Hh, Round	8190260	4.000	Ea
0660	Conduit, Directional Bore, 1, 3 inch	8190602	322.000	Ft
0670	_ Light Std Fdn, Special	8197050	10.000	Ea
0680	Case Sign, Rem	8200020	4.000	Ea
0690	Controller and Cabinet, Rem	8200030	1.000	Ea

0700	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0710	Controller Fdn, Rem	8200046	1.000	Ea
0720	Fdn, Rem	8200065	4.000	Ea
0730	Pedestal, Alum	8200100	5.000	Ea
0740	Pedestal, Fdn	8200105	6.000	Ea
0750	Pushbutton and Sign	8200121	8.000	Ea
0760	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0770	Serv Disconnect	8200135	4.000	Ea
0780	Serv Disconnect, Salv	8200138	1.000	Ea
0790	Span Wire, Rem	8200141	4.000	Ea
0800	Steel Pole, Rem	8200145	4.000	Ea
0810	Loop Detector, Rem	8200173	12.000	Ea
0820	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0830	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
0840	TS, Pedestrian, One Way Pedestal Mtd	8200235	8.000	Ea
0850	TS, One Way Mast Arm Mtd (LED)	8200359	12.000	Ea
0860	Wireless Repeater	8200421	4.000	Ea
0870	Wireless Vehicle Detection System	8200422	1.000	Ea
0880	Wireless Vehicle Sensor Node	8200425	18.000	Ea
0890	Case Sign, One Way, 12 inch by 27 inch, Non-Illuminated	8200433	4.000	Ea
0900	Casing	8200480	66.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 171103 050

Letting Date: November 3, 2017

Contract ID: 18041-131794

Description: 14.34 mi of hot mix asphalt cold milling and resurfacing on M-61 from Clareola Road to Westlawn Street in the city of Harrison, Clare County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131794A	N/A	N/A	M 18041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$238,900.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	2,750.000	Ton
0030	Cold Milling HMA Surface	5010002	288,000.000	Syd
0040	HMA Quality Initiative	5010007	47,600.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	75,800.000	Dlr
0060	HMA, 5E1	5010056	23,800.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	48.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,500.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	151,600.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,500.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	151,600.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Recessing Pavt Mrkg, Longit	8110450	154,500.000	Ft
0160	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	12,200.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,200.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,200.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,200.000	Ft
0250	Sign Cover	8120310	6.000	Ea

0260	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Monument Box Adjust	8210005	37.000	Ea
0300	Monument Preservation	8210010	37.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	70,400.000	Ft
0320	Contractor Staking, Road Only	8240007	1.000	LSUM
0330	Staking Plan Errors and Extras, One Person	8240020	25.000	Hr
0340	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0350	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 171103 051

Letting Date: November 3, 2017

Contract ID: 75022-200697

Description: 3.07 mi of hot mix asphalt cold milling and surfacing with pavement markings on US-2 from the Manistique River Bridge to east of Tannery Road in the city of Manistique, Schoolcraft County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200697A	NH 1775(008)	HK1740	NH 75022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	319.000	Ton
0030	Cold Milling HMA Surface	5010002	74,490.000	Syd
0040	Bump Grinding	5010004	200.000	Syd
0050	HMA Quality Initiative	5010007	12,290.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	50,740.000	Dlr
0070	HMA, 5E1	5010056	6,145.000	Ton
0080	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	220.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,335.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,200.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,500.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,335.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	24,200.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,500.000	Ft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0170	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0180	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0190	Channelizing Device, 42 inch, Furn	8120030	220.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	220.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,456.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,456.000	Ft
0260	Sign Cover	8120310	6.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	736.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	736.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Protect Corners	8210020	6.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	3,900.000	Ft
0320	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	7,952.000	Ft
0330	Contractor Staking, Road Only	8240007	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 171103 052

Letting Date: November 3, 2017

Contract ID: 06091-132106

Description: 3.27 mi of hot mix asphalt cold milling and resurfacing on M-65 from Reid Street north to the Arenac/Iosco county line, Arenac County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132106A	N/A	N/A	M 06091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,500.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II - Modified	3077031	1,000.000	Ton
0030	Cold Milling HMA Surface	5010002	56,700.000	Syd
0040	Bump Grinding	5010004	1,000.000	Syd
0050	HMA Quality Initiative	5010007	9,450.000	Dlr
0060	Pavt for Butt Joints, Rem	5010008	1,000.000	Syd
0070	Longitudinal Joint Density Quality Initiative	5010018	50,000.000	Dlr
0080	HMA, 5E1	5010056	4,500.000	Ton
0090	HMA Approach	5010061	225.000	Ton
0100	Recessing Pavt Mrkg, Longit	8110450	34,000.000	Ft
0110	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	34,000.000	Ft
0120	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	8,600.000	Ft
0130	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,000.000	Ft
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0220	Sign Cover	8120310	6.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft

0270	Monument Box	8210001	3.000	Ea
0280	Monument Preservation	8210010	3.000	Ea
0290	Protect Corners	8210020	3.000	Ea
0300	Centerline Corrugations, Milled, HMA	8220013	17,000.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 171103 053

Letting Date: November 3, 2017

Contract ID: 21022-128707-3

Description: 2.38 mi of microsurfacing, intermittent hot mix asphalt cold milling and resurfacing, turn lane improvements, drainage and pavement markings on US-2 from north of 30th Street to north of Danforth Road in the city of Escanaba, Delta County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128707A	NH 1721(005)	HK1410	NH 21022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	75.000	Ft
0030	Pavt, Rem	2040050	10.000	Syd
0040	Aggregate Base	3020001	53.000	Ton
0050	Shoulder, CI II	3070121	40.000	Ton
0060	Trenching	3070200	4.000	Sta
0070	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0080	Cold Milling HMA Surface	5010002	7,375.000	Syd
0090	HMA Quality Initiative	5010007	1,742.000	Dlr
0100	Hand Patching	5010025	300.000	Ton
0110	HMA, 4E10	5010052	470.000	Ton
0120	HMA Approach	5010061	101.000	Ton
0130	Overband Crack Fill, Lane	5020003	11.950	Lnmi
0140	Micro-Surface, Warranty	5040030	85,150.000	Syd
0150	Conc, Grade P1	6020030	5.000	Cyd
0160	Cement	6030005	1.000	Ton
0170	Driveway, Nonreinf Conc, 6 inch	8010005	10.000	Syd
0180	Curb and Gutter, Conc, Det C5	8020024	50.000	Ft
0190	Driveway Opening, Conc, Det M	8020050	25.000	Ft
0200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,742.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	400.000	Ft
0220	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	300.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	500.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,200.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,900.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,280.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,200.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,590.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,280.000	Ft
0300	Rem Spec Mrkg	8110343	4,372.000	Sft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	18.000	Ea
0330	Pavt Mrkg, Polyurea, Only	8110410	11.000	Ea
0340	Pavt Mrkg, Polyurea, School	8110414	4.000	Ea
0350	_ Pavt Mrkg, Polyurea, 12 inch, Yellow, Curb Painting	8117001	140.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0400	Ltg for Night Work	8120160	1.000	LSUM
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	48,380.000	Ft
0430	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0450	Sign Cover	8120310	10.000	Ea
0460	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0470	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	_ Railroad Inspection and Flagging	8507060	3,000.000	Dir
0520	_ Railroad Protection	8507060	3,000.000	Dir



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 054

Letting Date: November 3, 2017

Contract ID: 78022-131594

Description: 5.92 mi of chip and fog sealing, single, on US-12 from east of Franks Avenue to west of St. Joseph Road, St. Joseph County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131594A	NH 1778(013)	HK1690	NH 78022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,300.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,525.000	Ton
0030	Hand Patching	5010025	10.000	Ton
0040	Overband Crack Fill, Lane	5020003	12.190	Lnmi
0050	Micro-Surface, Rutfilling	5040005	180.000	Ton
0060	Chip Seal, Single, Warranty	5050040	130,650.000	Syd
0070	_ Seal, Fog	5057011	130,650.000	Syd
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	300.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,750.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	61,350.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	300.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,750.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	61,350.000	Ft
0150	Rem Spec Mrkg	8110343	194.000	Sft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Channelizing Device, 42 inch, Furn	8120030	530.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	530.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,260.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0250	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	768.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	768.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 171103 055

Letting Date: November 3, 2017

Contract ID: 11112-200628

Description: 8.64 mi of transverse and longitudinal joint resealing with isolated transverse crack sealing on US-31 from M-139 to Napier Avenue, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200628A	NH 1711(027)	HK1693	NH 11112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,300.00	1500001	1.000	LSUM
0020	Crack Sealing, Conc Pavt	6030010	18,700.000	Ft
0030	Sawing and Sealing Longit Pavt Joints	6030095	270,000.000	Ft
0040	Sawing and Sealing Trans Pavt Joints	6030096	170,400.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	23,950.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	95,802.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	95,802.000	Ft
0080	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,560.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	23,950.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	95,802.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	95,802.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	7,560.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Channelizing Device, 42 inch, Furn	8120030	600.000	Ea
0150	Channelizing Device, 42 inch, Oper	8120031	600.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Sign Cover	8120310	15.000	Ea
0200	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0210	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0220	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0230	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,008.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,008.000	Sft
0260	Contractor Staking, Road Only	8240007	1.000	LSUM
0270	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr

0280	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0290	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 171103 056

Letting Date: November 3, 2017

Contract ID: 77012-132141

Description: 6.03 mi of joint repairs, overband crack filling, chip sealing and fog sealing on M-19 from M-136 north to the St. Clair county line, St. Clair and Sanilac Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132141A	STP 1777(022)	HK1697	ST 77012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,800.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0030	_ Trenching, Special	3077002	48.000	Sta
0040	_ Shoulder, CI II, Modified	3077031	1,700.000	Ton
0050	Joint and Crack, Cleanout	5010015	250.000	Ft
0060	Hand Patching	5010025	435.000	Ton
0070	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	340.000	Ft
0080	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	340.000	Ft
0090	Overband Crack Fill, Lane	5020003	13.260	Lnmi
0100	Chip Seal, Single, Warranty	5050040	114,500.000	Syd
0110	_ Seal, Fog	5057011	114,500.000	Syd
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,295.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	63,650.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	600.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	32,295.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	63,650.000	Ft
0200	Rem Spec Mrkg	8110343	354.000	Sft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
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	Plastic Drum, High Intensity, Furn	8120250	9.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	9.000	Ea
0270	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	25.000	Ea

0280	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	925.000	Ea
0290	Sign Cover	8120310	6.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	696.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	696.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Sign, Portable, Changeable Message, NTCIP- Compliant, Furn	8127050	3.000	Ea
0340	_ Sign, Portable, Changeable Message, NTCIP- Compliant, Oper	8127050	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 171103 057

Letting Date: November 3, 2017

Contract ID: 81082-131095

Description: Construction of a pedestrian refuge island, hot mix asphalt patching, concrete pavement, curb, sidewalk and ramps, and pavement markings on M-17 between Redwood Avenue and Rosewood Avenue, Washtenaw 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
131095A	STP 1781(032)	HK1696	ST 81082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$5,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	13.000	Ft
0030	Pavt, Rem	2040050	103.000	Syd
0040	Sidewalk, Rem	2040055	59.000	Syd
0050	_ Sidewalk Grading	2057001	192.000	Ft
0060	Erosion Control, Silt Fence	2080036	100.000	Ft
0070	Subbase, CIP	3010002	57.000	Cyd
0080	HMA Surface, Rem	5010005	105.000	Syd
0090	Hand Patching	5010025	2.000	Ton
0100	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	13.000	Syd
0110	Conc Quality Initiative	6020401	100.000	Dlr
0120	_ Conc Base Cse, Nonreinf, 10 1/2 inch	6027011	2.000	Syd
0130	_ Conc Base Cse, Nonreinf, 16 inch	6027011	14.000	Syd
0140	Curb, Conc, Det E4	8020004	144.000	Ft
0150	Detectable Warning Surface	8030010	20.000	Ft
0160	Curb Ramp Opening, Conc	8030030	25.000	Ft
0170	Sidewalk Ramp, Conc, 6 inch	8030036	1,001.000	Sft
0180	Sidewalk, Conc, 6 inch	8030046	518.000	Sft
0190	Post, Flexible, Delineator	8100360	4.000	Ea
0200	Post, Steel, 3 lb	8100371	144.000	Ft
0210	Sign, Type IIIA	8100404	2.000	Sft
0220	Sign, Type IIIB	8100405	53.000	Sft
0230	_ Delineator Reflector	8107050	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	96.000	Ft
0250	Recessing Pavt Mrkg, Transv	8110451	96.000	Sft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0350	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0360	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0370	_ Turf Establishment, Performance	8167011	90.000	Syd
0380	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171103 207

Letting Date: November 3, 2017

Contract ID: 59012-126726

Description: Bridge rehabilitation including a deep overlay, zone and fascia painting, pin and hanger replacement, substructure patching, concrete surface coating, clean drain exits and concrete approach replacement on M-82 over US-131, Montcalm County. This project includes a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126726A	NH 1759(013)	HK1694	NH 59012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$164,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Curb and Gutter, Rem	2040020	4,460.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0050	Pavt, Rem	2040050	46.000	Syd
0060	Excavation, Earth	2050016	750.000	Cyd
0070	_ Embankment, CIP, Special	2057021	100.000	Cyd
0080	Erosion Control, Silt Fence	2080036	200.000	Ft
0090	Aggregate Base, 6 inch	3020016	3,262.000	Syd
0100	Culv, Downspout, 15 inch	4010796	230.000	Ft
0110	Dr Marker Post	4011109	4.000	Ea
0120	Cold Milling HMA Surface	5010002	2,128.000	Syd
0130	HMA Surface, Rem	5010005	2,043.000	Syd
0140	HMA Quality Initiative	5010007	1,560.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	1,250.000	Dlr
0160	Hand Patching	5010025	10.000	Ton
0170	HMA Approach	5010061	779.000	Ton
0180	Joint, Expansion, E3	6020208	221.000	Ft
0190	Conc Quality Initiative	6020401	4,000.000	Dlr
0200	Conc Pavt, Bridge Approach, Reinf	6020600	670.000	Syd
0210	Conc, Grade S2	7060011	4.000	Cyd
0220	Reinforcement, Steel, Culv and Headwall	7060091	184.000	Lb
0230	Curb and Gutter, Bridge Approach	8020010	181.000	Ft
0235	Downspout Header, Conc	8020070	4.000	Ea
0240	Guardrail Anch, Bridge, Det T3	8070024	8.000	Ea
0250	Guardrail, Salv	8070075	320.000	Ft
0260	Guardrail Height, Adj	8070100	100.000	Ft

0270	Guardrail, Reconst, Type T	8070109	100.000	Ft
0280	Post, Steel, 3 lb	8100371	112.000	Ft
0290	Sign, Type III, Rem	8100403	7.000	Ea
0300	Sign, Type IIIB	8100405	30.000	Sft
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0330	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	394.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,792.000	Ft
0360	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,610.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,792.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,610.000	Ft
0400	Rem Spec Mrkg	8110343	650.000	Sft
0410	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0420	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0430	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0440	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0450	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0460	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0470	Conc Barrier, Temp, Adj	8120080	1,580.000	Ft
0480	Conc Barrier, Temp, Furn	8120081	1,580.000	Ft
0490	Conc Barrier, Temp, Oper	8120082	1,580.000	Ft
0500	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0510	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	39,050.000	Ft
0574	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,300.000	Ft
0576	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,300.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	290.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	290.000	Ea
0600	PTS System, Temp, Furn	8120270	1.000	Ea
0610	PTS System, Temp, Oper	8120271	1.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	1,782.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	1,782.000	Sft
0632	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	171.000	Sft
0634	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	171.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0644	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0646	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea

0650	Riprap, Plain	8130010	16.000	Syd
0660	Slope Restoration, Type B	8160101	150.000	Syd
0670	Slope Restoration, Type C	8160102	350.000	Syd
0680	Monument Box	8210001	1.000	Ea
0690	Monument Preservation	8210010	1.000	Ea
0700	Contractor Staking	8240001	1.000	LSUM
0710	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0720	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0730	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr

Section: 2

0740	HMA Patch, Rem	5010006	10.000	Syd
0750	Bridge Ltg, Furn and Rem (S09 of 59012)	7060001	1.000	LSUM
0760	Bridge Ltg, Furn and Rem (S10 of 59012)	7060001	1.000	LSUM
0770	Bridge Ltg, Oper and Maintain	7060002	370.000	Cyd
0780	Conc, Grade D	7060010	26.000	Cyd
0790	Expansion Joint Device	7060050	125.000	Ft
0800	False Decking	7060060	5,000.000	Sft
0810	Reinforcement, Steel, Epoxy Coated	7060092	6,400.000	Lb
0820	Bushing	7070030	144.000	Ea
0830	Joint Waterproofing	7100001	348.000	Sft
0840	Conc Surface Coating, Warranty (S09 of 59012)	7100009	1.000	LSUM
0850	Conc Surface Coating, Warranty (S10 of 59012)	7100009	1.000	LSUM
0860	Scarifying	7120001	2,045.000	Syd
0870	Hand Chipping, Deep	7120004	267.000	Syd
0880	Hand Chipping, Other Than Deck	7120007	20.000	Cft
0890	Patch, Forming	7120017	50.000	Sft
0900	Bridge Deck Surface Construction	7120025	2,290.000	Syd
0910	Conc, Silica Fume Modified	7120027	370.000	Cyd
0920	Deck Joint, Rem	7120071	240.000	Ft
0930	Hydrodemolition, First Pass	7120076	2,045.000	Syd
0940	Hydrodemolition, Second Pass	7120077	80.000	Syd
0950	Patching Conc, C-L	7120112	2.000	Cyd
0960	Embedded Galvanic Anode	7120120	40.000	Ea
0970	Beam Plate, Seal Perimeter	7130010	340.000	Ft
0980	Hanger Assembly, Field Measurement	7130030	36.000	Ea
0990	Hanger Assembly, Rem and Erect	7130031	36.000	Ea
1000	Structural Steel, Furn and Fab, Pin and Hanger	7130070	10,060.000	Lb
1010	Support, Suspension, Temp	7130082	36.000	Ea
1020	Steel Structure, Cleaning, Partial, Type 4 (S09 of 59012)	7150047	1.000	LSUM
1030	Steel Structure, Cleaning, Partial, Type 4 (S10 of 59012)	7150047	1.000	LSUM
1040	Steel Structure, Coating, Partial, Type 4 (S09 of 59014)	7150048	1.000	LSUM
1050	Steel Structure, Coating, Partial, Type 4 (S10 of	7150048	1.000	LSUM

	59012)			
1060	Field Repair of Damaged Coating (S09 of 59012)	7160001	1.000	LSUM
1070	Field Repair of Damaged Coating (S10 of 59012)	7160001	1.000	LSUM
1080	_ Slope Protection, Replace	8137011	100.000	Syd
