



12/1/2017 11:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 001

Letting Date: January 5, 2018

Contract ID: 82000-200042

Description: 0.92 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk and ramps, signing and pavement markings on Middle Belt Road from Goddard Road to south of Wick Road in the city of Romulus, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200042A	1800083	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$130,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	88.000	Ft
0030	Pavt, Rem	2040050	1,142.000	Syd
0040	Sidewalk, Rem	2040055	153.000	Syd
0050	_ Misc Pavt, Rem, Patching	2047011	1,563.000	Syd
0060	_ Misc Obstruction, Rem	2047021	3.000	Cyd
0070	_ Misc Subgrade Undercutting, Type IV	2057021	50.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0100	Erosion Control, Silt Fence	2080036	2,100.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	_ Aggregate Base, 6 inch, Modified	3027011	1,142.000	Syd
0130	_ Aggregate Base, 9 inch, Modified	3027011	109.000	Syd
0140	Dr Structure, Temp Lowering	4030390	29.000	Ea
0150	_ Misc Structure Reconstruct	4037001	54.000	Ft
0160	_ Misc San Structure Cover, Adj	4037050	4.000	Ea
0170	_ Misc Structure Cover, Adj	4037050	61.000	Ea
0180	_ Misc Structure Cover, Adj, Furn Cover A	4037050	1.000	Ea
0190	_ Misc Structure Cover, Adj, Furn Cover S	4037050	3.000	Ea
0200	Pavt, Cleaning	5010001	1.000	LSUM
0210	Cold Milling HMA Surface	5010002	34,659.000	Syd
0220	HMA Surface, Rem	5010005	253.000	Syd
0230	Pavt Joint and Crack Repr, Det 8	5010021	240.000	Ft
0240	Hand Patching	5010025	175.000	Ton
0250	HMA, 4E10	5010052	4,300.000	Ton
0260	HMA, 5E10	5010058	3,250.000	Ton
0270	HMA Approach	5010061	60.000	Ton

0280	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0290	_ Misc Conditioning Existing Pavement	5017031	575.000	Ton
0300	Conc Pavt, Nonreinf, 8 inch	6020104	913.000	Syd
0310	Joint, Contraction, Cp	6020200	625.000	Ft
0320	Joint, Expansion, E2	6020207	94.000	Ft
0330	Lane Tie, Epoxy Anchored	6030030	72.000	Ea
0340	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,563.000	Syd
0350	_ Misc Conc Curb Cap	8027001	300.000	Ft
0360	_ Misc Conc Curb Cap, Patching	8027001	400.000	Ft
0370	Detectable Warning Surface	8030010	40.000	Ft
0380	Curb Ramp Opening, Conc	8030030	88.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	1,026.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	14,200.000	Sft
0410	_ Sidewalk Ramp, Conc, 8 inch	8037010	350.000	Sft
0420	_ Sidewalk, Conc, 8 inch	8037010	2,768.000	Sft
0430	_ Misc Field Office	8097043	2.000	Mo
0440	Post, Wood, 6 inch by 8 inch	8100382	32.000	Ft
0450	_ Misc Sign, Type B, Perm	8107010	238.000	Sft
0460	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	380.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	100.000	Ft
0480	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	230.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,800.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,400.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	800.000	Ft
0580	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,600.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	800.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0610	Plastic Drum, High Intensity, Furn	8120250	325.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	325.000	Ea
0630	Sign Cover	8120310	6.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	658.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	658.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	28.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	28.000	Sft
0680	Traf Regulator Control	8120370	1.000	LSUM
0690	Topsoil Surface, Furn, 2 inch	8160060	2,500.000	Syd
0700	Water, Sodding/Seeding	8160090	150.000	Unit

0710	_ Misc Turf Grading	8167011	320.000	Syd
0720	_ Sodding, Modified	8167011	2,500.000	Syd
0730	Monument Box	8210001	1.000	Ea
0740	Monument Box Adjust	8210005	2.000	Ea
0750	Monument Preservation	8210010	2.000	Ea
0760	Monument Preservation, Vertical	8210015	2.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 002

Letting Date: January 5, 2018

Contract ID: 11000-130797

Description: 0.64 mi of hot mix asphalt cold milling, resurfacing, aggregate shoulders and pavement markings on Nickerson Avenue from M-139 to east of Woodley Drive, Berrien County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130797A	1800009	N/A	STUL 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0030	Approach, CI II	3070021	50.000	Ton
0040	Shoulder, CI II	3070121	80.000	Ton
0050	Cold Milling HMA Surface	5010002	13,000.000	Syd
0060	Pavt for Butt Joints, Rem	5010008	225.000	Syd
0070	Hand Patching	5010025	15.000	Ton
0080	HMA, 5E1	5010056	1,800.000	Ton
0090	HMA Approach	5010061	70.000	Ton
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0140	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	40.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,300.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,100.000	Ft
0170	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	510.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	510.000	Sft
0220	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: 180105 003

Letting Date: January 5, 2018

Contract ID: 20555-123256

Description: 1.33 mi of hot mix asphalt base crushing, shaping, widening and resurfacing, concrete curb and gutter, guardrail and pavement markings on West 4 Mile Road from the west I-75 southbound ramps to east of northbound I-75, Crawford County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123256A	STP 1720(008)	RT0733	EDA 20555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$120,200.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017012	1.000	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Curb and Gutter, Rem	2040020	962.000	Ft
0050	Guardrail, Rem	2040035	1,571.000	Ft
0060	Embankment, CIP	2050010	6,250.000	Cyd
0070	Excavation, Earth	2050016	5,250.000	Cyd
0080	_ Approach Grading	2057050	6.000	Ea
0090	Obliterate Old Road	2070001	8.000	Sta
0100	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0110	Subbase, CIP	3010002	2,200.000	Cyd
0120	Aggregate Base	3020001	3,700.000	Ton
0130	Aggregate Base, 8 inch	3020020	6,020.000	Syd
0140	HMA Base Crushing and Shaping	3050002	31,160.000	Syd
0150	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0160	Salv Crushed Material, LM	3050015	250.000	Cyd
0170	_ Salvaged Crushed Material, Special	3057011	6,750.000	Syd
0180	Aggregate Surface Cse, 8 inch	3060012	2,450.000	Syd
0190	Approach, CI I	3070001	350.000	Ton
0200	Approach, CI II	3070021	50.000	Ton
0210	Shoulder, CI II, 5 inch	3070127	3,410.000	Syd
0220	Trenching	3070200	92.000	Sta
0230	Steel Casing Pipe, 24 inch, Tr Det G	4011136	600.000	Ft
0240	HMA Surface, Rem	5010005	510.000	Syd
0250	HMA, 3E1	5010044	5,600.000	Ton
0260	HMA, 4E1	5010050	3,730.000	Ton
0270	HMA Approach	5010061	730.000	Ton

0280	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	480.000	Syd
0290	Curb and Gutter, Bridge Approach	8020010	80.000	Ft
0300	Curb and Gutter, Conc, Det B2	8020016	1,160.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	133.000	Ft
0320	Guardrail, Type B	8070000	1,625.000	Ft
0330	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0340	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0350	Guardrail Reflector	8070080	78.000	Ea
0360	Band, Sign	8100010	6.000	Ea
0370	Post, Steel, 3 lb	8100371	603.000	Ft
0380	Sign, Type II, Rem	8100397	3.000	Ea
0390	Sign, Type IIB	8100399	8.000	Sft
0400	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0410	Sign, Type III, Rem	8100403	33.000	Ea
0420	Sign, Type IIIA	8100404	114.000	Sft
0430	Sign, Type IIIB	8100405	83.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	101.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	96.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,474.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,936.000	Ft
0500	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0510	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	600.000	Ft
0540	Plastic Drum, High Intensity, Furn	8120250	270.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	270.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	640.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	640.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Riprap, Plain	8130010	60.000	Syd
0600	Paved Ditch, HMA	8140010	20.000	Syd
0610	Fertilizer, Chemical Nutrient, CI A	8160020	1,100.000	Lb
0620	Mulch	8160025	11,535.000	Syd
0630	Mulch Anchoring	8160026	11,535.000	Syd
0640	Mulch Blanket	8160027	12,000.000	Syd
0650	Seeding, Mixture TDS	8160037	850.000	Lb
0660	Topsoil Surface, Furn, 3 inch	8160061	23,535.000	Syd
0670	Monument Box	8210001	3.000	Ea
0680	Monument Preservation	8210010	3.000	Ea
0690	_ Railroad Protection, at Grade Crossing	8507060	15,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 004

Letting Date: January 5, 2018

Contract ID: 19141-130116

Description: 3.98 mi of hot mix asphalt overlay, removal of the existing bituminous bridge surface, placing bridge railing thrie beam retrofit, membrane preformed waterproofing, approach work and guardrail on Colony Road from Forest Hill Road east to DeWitt Road, Clinton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130116A	1719014	N/A	STL 19141
133154A	1719(011)	N/A	BO 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$88,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	778.000	Ft
0030	Pavt, Rem	2040050	40.000	Syd
0040	Shoulder, CI II	3070121	2,750.000	Ton
0050	Trenching	3070200	520.000	Sta
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	Cold Milling HMA Surface	5010002	1,388.000	Syd
0080	HMA, 13A	5010033	13,400.000	Ton
0090	_ HMA Surface, Rem, Modified	5017011	445.000	Syd
0100	Guardrail Anch, Bridge, Det A2	8070021	12.000	Ea
0110	Guardrail Approach Terminal, Type 2B	8070042	12.000	Ea
0120	Guardrail Reflector	8070080	20.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	51,990.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,995.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0170	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	200.000	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	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	330.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	330.000	Sft

0260	Traf Regulator Control	8120370	1.000	LSUM
0270	Slope Restoration, Type B	8160101	200.000	Syd

Section: 2

0280	False Decking	7060060	1,500.000	Sft
0290	Membrane, Preformed Waterproofing	7100008	4,134.000	Sft
0300	Bridge Railing, Thrie Beam Retrofit	7110006	306.000	Ft
0310	_ Grout Repair	7127020	100.000	Cft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 005

Letting Date: January 5, 2018

Contract ID: 37141-130256

Description: 0.78 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, aggregate shoulder, drainage, signing and pavement markings on Winn Road from Vernon Road north to Battle Road, Isabella County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130256A	STP 1737(011)	RT0717	STL 37141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$22,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	114.000	Ft
0040	Exploratory Investigation, Vertical	2040080	20.000	Ft
0050	Embankment, CIP	2050010	100.000	Cyd
0060	Excavation, Earth	2050016	46.000	Cyd
0070	Erosion Control, Silt Fence	2080036	200.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	Aggregate Base	3020001	1,175.000	Ton
0100	HMA Base Crushing and Shaping	3050002	14,524.000	Syd
0110	Maintenance Gravel	3060020	32.000	Ton
0120	Approach, CI II	3070021	21.000	Ton
0130	Shoulder, CI II, 3 inch	3070125	2,670.000	Syd
0140	Trenching	3070200	79.000	Sta
0150	Sewer, CI A, 6 inch, Tr Det A	4020001	50.000	Ft
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	114.000	Ft
0170	Sewer Tap, 6 inch	4021201	5.000	Ea
0180	Dr Structure Cover, Type G	4030040	4.000	Ea
0190	Dr Structure, 24 inch dia	4030200	4.000	Ea
0200	HMA Approach	5010061	145.000	Ton
0210	HMA, LVSP	5010703	1,795.000	Ton
0220	Curb and Gutter, Conc, Det B2	8020016	338.000	Ft
0230	Post, Steel, 3 lb	8100371	136.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0250	Sign, Type III, Rem	8100403	8.000	Ea
0260	Sign, Type IIIA	8100404	31.000	Sft
0270	Reflective Panel for Permanent Sign Support, 6 foot	8100616	3.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,820.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,128.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,820.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,128.000	Ft
0320	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0330	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	457.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	457.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	121.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	121.000	Sft
0390	_ _ Slope Restoration, Modified	8167011	5,628.000	Syd
0400	Monument Box	8210001	3.000	Ea
0410	_ Monument Preservation, Special	8217050	3.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 006

Letting Date: January 5, 2018

Contract ID: 10000-200254

Description: 0.38 mi of hot mix asphalt base crushing, shaping and resurfacing, shoulder widening, signing and pavement markings on South Pioneer Road from east of King Road to north of Pine Meadow Drive, Benzie County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200254A	1800067	N/A	HRRR 10000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,100.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	50.000	Cyd
0030	Aggregate Base	3020001	1,200.000	Ton
0040	HMA Base Crushing and Shaping	3050002	4,500.000	Syd
0050	Approach, CI II	3070021	50.000	Ton
0060	Shoulder, CI II	3070121	150.000	Ton
0070	Trenching	3070200	40.000	Sta
0080	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0090	HMA Approach	5010061	50.000	Ton
0100	HMA, LVSP	5010703	1,160.000	Ton
0110	Curb Sloped, HMA	8050010	1,650.000	Ft
0120	Post, Mailbox	8070095	1.000	Ea
0130	Post, Steel, 3 lb	8100371	260.000	Ft
0140	Sign, Type III, Rem	8100403	10.000	Ea
0150	Sign, Type IIIA	8100404	9.000	Sft
0160	Sign, Type IIIB	8100405	110.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	26.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,000.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,000.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,000.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	160.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	160.000	Ft
0300	Plastic Drum, High Intensity, Lighted, Furn	8120260	22.000	Ea
0310	Plastic Drum, High Intensity, Lighted, Oper	8120261	22.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	410.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	410.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Riprap, Plain	8130010	12.000	Syd
0360	Paved Ditch, HMA	8140010	8.000	Syd
0370	Slope Restoration, Type A	8160100	700.000	Syd
0380	Monument Box	8210001	1.000	Ea
0390	Monument Preservation	8210010	1.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 007

Letting Date: January 5, 2018

Contract ID: 39000-200239

Description: Signal improvements with video detection and left-turn phasing on West Q Avenue at 10th Street and South 9th Street at KL Avenue/Quail Run Drive, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200239A	1800046	N/A	HSIP 39000
200457A	1800047	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	40.000	Ft
0030	Exploratory Investigation, Vertical	2040080	80.000	Ft
0040	Embankment, CIP	2050010	20.000	Cyd
0050	Excavation, Earth	2050016	4.000	Cyd
0060	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0070	Erosion Control, Silt Fence	2080036	400.000	Ft
0080	Shoulder, CI II	3070121	11.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0100	Cold Milling HMA Surface	5010002	1,284.000	Syd
0110	_ HMA, 13A Modified	5017031	152.000	Ton
0120	Conc Base Cse, Nonreinf, 6 inch	6020015	9.000	Syd
0130	Curb and Gutter, Conc, Det C4	8020023	40.000	Ft
0140	Post, Steel, 3 lb	8100371	120.000	Ft
0150	Sign, Type III, Rem	8100403	18.000	Ea
0160	Sign, Type IIIB	8100405	46.000	Sft
0170	Mast Arm Pole, Cat II	8100511	2.000	Ea
0180	Mast Arm, 40 foot, Cat II	8100534	2.000	Ea
0190	Mast Arm, 45 foot, Cat II	8100535	1.000	Ea
0200	Mast Arm, 50 foot, Cat II	8100536	1.000	Ea
0210	Mast Arm Pole Fdn, 6 Bolt	8100550	39.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,260.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,034.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Lighted, Furn	8120260	150.000	Ea
0330	Plastic Drum, High Intensity, Lighted, Oper	8120261	150.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0360	_ Turf Establishment, Modified	8167011	7.000	Syd
0370	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0380	Conduit, DB, 1, 1 1/2 inch	8190027	220.000	Ft
0390	Conduit, DB, 2, 3 inch	8190032	50.000	Ft
0400	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
0410	Hh, Round, 3 foot dia	8190259	1.000	Ea
0420	Hh, Round	8190260	3.000	Ea
0430	Cable, Sec, 600V, 1, 3/C#6	8190399	410.000	Ft
0440	Wood Pole, Rem	8190505	1.000	Ea
0450	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	80.000	Ft
0460	Conduit, Directional Bore, 2, 3 inch	8190604	300.000	Ft
0470	Controller and Cabinet, Rem	8200030	3.000	Ea
0480	Controller and Cabinet, Digital Type	8200031	3.000	Ea
0490	Controller and Cabinet, Salv	8200037	1.000	Ea
0500	Controller Fdn, Base Mount	8200045	1.000	Ea
0510	Power Co. (Est. Cost to Contractor)	8200116	9,000.000	Dlr
0520	Serv Disconnect	8200135	2.000	Ea
0530	Span Wire, Rem	8200141	1.000	Ea
0540	Strain Pole, Steel, Anchor Base, 30 foot, Salv	8200156	1.000	Ea
0550	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0560	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0570	TS, One Way Mast Arm Mtd, Salv	8200251	8.000	Ea
0580	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0590	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0600	Video Traf Detection System, Rem	8200383	2.000	Ea
0610	Video Traf Detection Camera, Rem	8200384	6.000	Ea
0620	Bracket, Truss, Rem	8200388	2.000	Ea
0630	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea
0640	Casing	8200480	43.000	Ft
0650	Backplate, TS	8200501	28.000	Ea
0660	_ Strain Pole Fdn, 4 Bolt	8207001	14.000	Ft
0670	_ Managed Field Ethernet Switch, Layer 2, NEMA Rack Mount	8207050	4.000	Ea
0680	_ Modular Video Detection Camera	8207050	12.000	Ea
0690	_ Modular Video Detection System	8207050	3.000	Ea
0700	_ Street Name Sign, Two Way, Non-Illuminated	8207050	4.000	Ea

0710	_ TS Uninterruptible Power System, Modified	8207050	3.000	Ea
0720	_ Universal Camera Bracket and Extension	8207050	8.000	Ea
0730	_ Wireless Inercn, Ethernet, Access Point	8207050	4.000	Ea
0740	_ Wireless Inercn, Ethernet, Remote	8207050	2.000	Ea
0750	Monument Preservation	8210010	1.000	Ea
0760	Water Shutoff, Adj, Case 1	8230421	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180105 008

Letting Date: January 5, 2018

Contract ID: 41025-117335

Description: 1.01 mi of hot mix asphalt reconstruction, bridge rehabilitation including deep and shallow overlay, deck patching, structure painting, aggregate base, drainage, concrete pavement, curb, gutter, sidewalk and ramps, signing, guardrail, lighting and pavement markings on I-96 from West River Drive to Plainfield Avenue in the cities of Walker and Grand Rapids, Kent County. This project includes two 5 year materials and workmanship pavement warranties, a 3 year materials and workmanship pavement warranty and a 2 year bridge painting warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
117335A	1800114	N/A	HSIP 41025
122575A	1800124	N/A	IM 41026
128601A	1800115	N/A	IM 41025
129949A	1800117	N/A	IM 41026

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$976,000.00	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Dr Structure, Rem	2030011	22.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,194.000	Ft
0080	Curb and Gutter, Rem	2040020	534.000	Ft
0090	Guardrail, Rem	2040035	1,025.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0110	Pavt, Rem	2040050	22,830.000	Syd
0120	Sidewalk, Rem	2040055	129.000	Syd
0130	Exploratory Investigation, Vertical	2040080	20.000	Ft
0140	Excavation, Earth	2050016	36,972.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	4,750.000	Cyd
0170	_ Embankment, CIP, Special	2057021	3,481.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	707.000	Ft
0190	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	95.000	Cyd

0230	Erosion Control, Sediment Trap	2080034	41.000	Ea
0240	Erosion Control, Silt Fence	2080036	4,687.000	Ft
0250	Project Cleanup	2090001	1.000	LSUM
0260	Subbase, CIP	3010002	23,862.000	Cyd
0270	Aggregate Base, 6 inch	3020016	41,836.000	Syd
0280	Shoulder, CI II	3070121	24.000	Ton
0290	Shoulder, CI II, 6 inch	3070128	3,682.000	Syd
0300	Culv End Sect, 12 inch	4010012	1.000	Ea
0310	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0320	Culv, CI A, Conc, 12 inch	4010165	12.000	Ft
0330	Culv, Downspout, 15 inch	4010796	470.000	Ft
0340	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0350	Dr Marker Post	4011109	6.000	Ea
0360	Outfall Label	4011115	1.000	Ea
0370	Sewer, CI A, 12 inch, Tr Det B	4020033	510.000	Ft
0380	Sewer, CI A, 15 inch, Tr Det B	4020034	316.000	Ft
0390	Sewer, CI A, 18 inch, Tr Det B	4020035	40.000	Ft
0400	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0410	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0420	Dr Structure Cover, Type B	4030010	2.000	Ea
0430	Dr Structure Cover, Type DX	4030030	12.000	Ea
0440	Dr Structure Cover, Type G	4030040	3.000	Ea
0450	Dr Structure Cover, Type K	4030050	3.000	Ea
0460	Dr Structure, 24 inch dia	4030200	2.000	Ea
0470	Dr Structure, 48 inch dia	4030210	10.000	Ea
0480	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	2.000	Ft
0490	Dr Structure, Tap, 6 inch	4030306	16.000	Ea
0500	Underdrain, Bank, 6 inch	4040003	400.000	Ft
0510	Underdrain, Subbase, 6 inch	4040063	14,087.000	Ft
0520	Underdrain, Subgrade, 6 inch	4040073	1,300.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	1,075.000	Ft
0540	Underdrain, Outlet Ending, 6 inch	4040113	55.000	Ea
0550	_ Underdrain Outlet, 6 inch, Modified	4047001	263.000	Ft
0560	Cold Milling HMA Surface	5010002	3,956.000	Syd
0570	HMA Surface, Rem	5010005	17,475.000	Syd
0580	HMA Quality Initiative	5010007	33,000.000	Dlr
0590	Longitudinal Joint Density Quality Initiative	5010018	62,624.000	Dlr
0600	Hand Patching	5010025	115.000	Ton
0610	HMA, 2E3	5010039	1,209.000	Ton
0620	HMA, 2E10	5010040	4,293.000	Ton
0630	HMA, 3E3	5010045	1,137.000	Ton
0640	HMA, 4E3	5010051	3,327.000	Ton
0650	HMA, 4E10	5010052	2,387.000	Ton
0660	HMA, 5E3	5010057	1,946.000	Ton

0670	HMA Approach	5010061	609.000	Ton
0680	_ HMA Gap Graded Superpave (3/8 inch Nominal Max)	5017031	1,477.000	Ton
0690	Conc Base Cse, Nonreinf, 9 inch	6020021	86.000	Syd
0700	Joint, Expansion, E3	6020208	588.000	Ft
0710	_ High Performance Biaxial Geogrid	7007011	1,311.000	Syd
0720	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,541.000	Syd
0730	Conc, Grade S2	7060011	7.000	Cyd
0740	Reinforcement, Steel, Culv and Headwall	7060091	344.000	Lb
0750	_ Road Side Unit	8007050	1.000	Ea
0760	_ Contractor Access and Staging Areas	8007051	1.000	LSUM
0770	Curb and Gutter, Bridge Approach	8020010	438.000	Ft
0780	Curb and Gutter, Conc, Det F4	8020038	952.000	Ft
0790	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
0800	Downspout Header, Conc	8020070	3.000	Ea
0810	Spillway, Conc	8020075	118.000	Ft
0820	_ Curb, Conc, Det E1, Modified	8027001	290.000	Ft
0830	Detectable Warning Surface	8030010	16.000	Ft
0840	Curb Ramp Opening, Conc	8030030	15.000	Ft
0850	Sidewalk Ramp, Conc, 4 inch	8030034	117.000	Sft
0860	Sidewalk, Conc, 4 inch	8030044	1,083.000	Sft
0870	Sidewalk, Conc, 6 inch	8030046	934.000	Sft
0880	Guardrail, Type T	8070002	25.000	Ft
0890	Guardrail, Type MGS-8	8070004	8,008.000	Ft
0900	Guardrail Anch, Bridge, Det T1	8070022	14.000	Ea
0910	Guardrail Anch, Bridge, Det T4	8070025	11.000	Ea
0920	Guardrail Approach Terminal, Type 1B	8070040	9.000	Ea
0930	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0940	Guardrail Departing Terminal, Type MGS	8070052	9.000	Ea
0950	Guardrail, Salv	8070075	6,265.000	Ft
0960	Guardrail Reflector	8070080	171.000	Ea
0970	Delineator Reflector, Green	8100133	89.000	Ea
0980	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	7.000	Ea
0990	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	31.000	Ea
1000	Fdn, Wood Support, Rem	8100280	6.000	Ea
1010	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
1020	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	4.000	Ea
1030	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
1040	Delineator, Rem	8100349	72.000	Ea
1050	Post, Flexible, Delineator	8100360	38.000	Ea
1060	Post, Rigid, Delineator	8100361	254.000	Ea
1070	Post, Steel, 3 lb	8100371	1,477.000	Ft
1080	Post, Wood, 4 inch by 6 inch	8100380	262.000	Ft

1090	Post, Wood, 6 inch by 8 inch	8100382	24.000	Ft
1100	Sign, Type II, Erect, Salv	8100396	14.000	Ea
1110	Sign, Type II, Rem	8100397	23.000	Ea
1120	Sign, Type III, Erect, Salv	8100402	63.000	Ea
1130	Sign, Type III, Rem	8100403	66.000	Ea
1140	Sign, Type IIIA	8100404	71.000	Sft
1150	Sign, Type IIIB	8100405	51.000	Sft
1160	Sign, Type V, Rem	8100421	1.000	Ea
1170	Sign, Type V, Erect, Salv	8100422	1.000	Ea
1180	Sign, Type VB	8100425	39.000	Sft
1190	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
1200	Reflective Panel for Permanent Sign Support, 6 foot	8100616	9.000	Ea
1210	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, (Red)	8107050	22.000	Ea
1220	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, (White)	8107050	101.000	Ea
1230	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, (Yellow)	8107050	64.000	Ea
1240	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,843.000	Ft
1250	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	500.000	Ft
1260	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,025.000	Ft
1270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,900.000	Ft
1280	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,585.000	Ft
1290	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	180.000	Ft
1300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,600.000	Ft
1310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,200.000	Ft
1320	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	12,200.000	Ft
1330	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,100.000	Ft
1340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,600.000	Ft
1350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	12,200.000	Ft
1360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	12,200.000	Ft
1370	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,100.000	Ft
1380	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,000.000	Ft
1390	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,160.000	Ft
1400	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	45.000	Ft
1410	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1420	Recessing Pavt Mrkg, Longit	8110450	35,020.000	Ft
1430	Recessing Pavt Mrkg, Transv	8110451	180.000	Sft
1440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	100.000	Ea
1450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	100.000	Ea
1460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
1470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
1480	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
1490	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea

1500	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
1510	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
1520	Ltg for Night Work	8120160	1.000	LSUM
1530	Minor Traf Devices	8120170	1.000	LSUM
1540	Mobile Attenuator	8120180	2.000	Ea
1550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,100.000	Ft
1560	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,322.000	Ft
1570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,357.000	Ft
1580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,883.000	Ft
1590	Plastic Drum, Fluorescent, Furn	8120252	650.000	Ea
1600	Plastic Drum, Fluorescent, Oper	8120253	650.000	Ea
1610	Sign Cover	8120310	20.000	Ea
1620	Sign Cover, Type 1	8120320	40.000	Ea
1630	Sign, Type B, Temp, Prismatic, Furn	8120350	6,149.000	Sft
1640	Sign, Type B, Temp, Prismatic, Oper	8120351	6,149.000	Sft
1650	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	6,532.000	Sft
1660	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	6,532.000	Sft
1670	Traf Regulator Control	8120370	1.000	LSUM
1680	_ Pedestrian Type II Channelizer, Temp	8127001	1,500.000	Ft
1690	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	19.000	Ea
1700	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	19.000	Ea
1710	_ Pedestrian Type II Barricade, Temp	8127050	15.000	Ea
1720	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	15.000	Ea
1730	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	15.000	Ea
1740	Riprap, Plain	8130010	133.000	Syd
1750	Slope Restoration, Type A	8160100	15,462.000	Syd
1760	Slope Restoration, Type B	8160101	11,100.000	Syd
1770	Slope Restoration, Type C	8160102	15,995.000	Syd
1780	Slope Restoration, Type D	8160103	1,000.000	Syd
1790	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
1800	Conduit, DB, 3, 3 inch	8190035	75.000	Ft
1810	Conduit, DB, 4, 3 inch	8190038	30.000	Ft
1820	Conduit, Schedule 40, 3 inch	8190149	1,000.000	Ft
1830	DB Cable, in Conduit, 600V, 1/C#6	8190211	1,500.000	Ft
1840	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,000.000	Ft
1850	Hh, Adj	8190244	3.000	Ea
1860	Hh, Heavy Duty Cover	8190246	2.000	Ea
1870	Hh, Rem	8190254	2.000	Ea
1880	Hh, Round, 3 foot dia	8190259	1.000	Ea
1890	Hh, Round	8190260	3.000	Ea
1900	Light Std Arm, Install Salv	8190276	2.000	Ea
1910	Light Std Arm, Rem and Salv	8190278	2.000	Ea

1920	Light Std Fdn	8190279	2.000	Ea
1930	Light Std Fdn, Rem	8190280	2.000	Ea
1940	Light Std Shaft, Install Salv	8190301	2.000	Ea
1950	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
1960	Luminaire, Install Salv	8190350	2.000	Ea
1970	Luminaire, Rem and Salv	8190365	2.000	Ea
1980	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
1990	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
2000	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
2010	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
2020	Case Sign, Rem	8200020	4.000	Ea
2030	Controller and Cabinet, Rem	8200030	1.000	Ea
2040	Controller and Cabinet, Digital Type	8200031	1.000	Ea
2050	Controller Fdn, Base Mount	8200045	1.000	Ea
2060	Controller Fdn, Rem	8200046	1.000	Ea
2070	Fdn, Rem	8200065	2.000	Ea
2080	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2090	Pedestal, Alum	8200100	2.000	Ea
2100	Pedestal, Fdn	8200105	2.000	Ea
2110	Pedestal Fdn, Rem	8200106	3.000	Ea
2120	Pedestal, Rem	8200110	3.000	Ea
2130	Power Co. (Est. Cost to Contractor)	8200116	7,055.000	Dlr
2140	Pushbutton and Sign	8200121	2.000	Ea
2150	Pushbutton, Rem	8200122	2.000	Ea
2160	Serv Disconnect	8200135	2.000	Ea
2170	Serv Disconnect, Rem	8200136	1.000	Ea
2180	Span Wire	8200140	4.000	Ea
2190	Span Wire, Rem	8200141	1.000	Ea
2200	Steel Pole, Rem	8200145	2.000	Ea
2210	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
2220	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
2230	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
2240	TS, One Way Span Wire Mtd (LED)	8200313	9.000	Ea
2250	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
2260	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
2270	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2280	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2290	Video Traf Detection Camera, Rem	8200384	2.000	Ea
2300	Wireless Vehicle Detection System	8200422	1.000	Ea
2310	Wireless Vehicle Sensor Node	8200425	18.000	Ea
2320	TS, Bag	8200450	3.000	Ea
2330	TS, Bag, Rem	8200451	3.000	Ea
2340	Cellular Modem, TS, 4G	8200498	1.000	Ea

2350	Shoulder Corrugations, Ground or Cut, HMA	8220001	7,628.000	Ft
2360	Gate Box, Adj, Case 2	8230432	4.000	Ea
2370	Contractor Staking	8240001	1.000	LSUM
2380	Staking Plan Errors and Extras, One Person	8240020	82.000	Hr
2390	Staking Plan Errors and Extras, Two Person	8240021	33.000	Hr
2400	Staking Plan Errors and Extras, Three Person	8240022	49.000	Hr
2410	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
2420	Fiber Optic, Marker, Above Ground	8260069	20.000	Ea
2430	Managed Field Ethernet Switch, Layer 2	8260080	1.000	Ea
2440	System Integration and Testing	8260160	1.000	LSUM

Section: 2

2450	Backfill, Structure, CIP	2060002	200.000	Cyd
2460	Excavation, Fdn	2060010	50.000	Cyd
2470	Underdrain, Fdn, 4 inch	4040031	600.000	Ft
2480	Underdrain, Outlet Ending, 4 inch	4040111	1.000	Ea
2490	HMA Patch, Rem	5010006	40.000	Syd
2500	Steel Sheet Piling, Permanent	7040001	19,775.000	Sft
2510	Bridge Ltg, Furn and Rem (S07-3 of 41026)	7060001	1.000	LSUM
2520	Bridge Ltg, Oper and Maintain	7060002	40.000	Cyd
2530	Conc, Grade D	7060010	90.000	Cyd
2540	Conduit, 3 inch	7060030	120.000	Ft
2550	Expansion Joint Device	7060050	487.000	Ft
2560	False Decking	7060060	10,723.000	Sft
2570	Reinforcement, Steel, Epoxy Coated	7060092	35,180.000	Lb
2580	Substructure Conc	7060100	135.000	Cyd
2590	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
2600	Superstructure Conc, Night Casting, High Performance	7060117	40.000	Cyd
2610	_ Strip Seal Gland Replacement	7067001	1,271.000	Ft
2620	Shear Developers	7070040	1.000	LSUM
2630	Joint Waterproofing	7100001	624.000	Sft
2640	Conc Surface Coating (B01-3 of 41025)	7100010	1.000	LSUM
2650	Conc Surface Coating (B01-4 of 41025)	7100010	1.000	LSUM
2660	Penetrating Healer/Sealer, Bridge Deck	7100025	9,622.000	Syd
2670	Substructure Horizontal Surface Sealer (B01-3 of 41025)	7100030	65.000	Syd
2680	Substructure Horizontal Surface Sealer (B01-4 of 41025)	7100030	65.000	Syd
2690	Bridge Railing, Aesthetic, Type 4, Det 1, High Performance	7110050	307.000	Ft
2700	Hand Chipping, Shallow	7120003	741.000	Syd
2710	Hand Chipping, Deep	7120004	741.000	Syd
2720	Hand Chipping, Other Than Deck	7120007	1,050.000	Cft
2730	Patch, Forming	7120017	2,080.000	Sft
2740	Bridge Deck Surface Construction	7120025	6,240.000	Syd

2750	Structures, Rehabilitation, Rem Portions (B01-3 of 41025)	7120070	1.000	LSUM
2760	Structures, Rehabilitation, Rem Portions (B01-4 of 41025)	7120070	1.000	LSUM
2770	Structures, Rehabilitation, Rem Portions (S02-3 of 41025)	7120070	1.000	LSUM
2780	Structures, Rehabilitation, Rem Portions (S07-3 of 41026)	7120070	1.000	LSUM
2790	Deck Joint, Rem	7120071	491.000	Ft
2800	Latex Conc Surface, Rem	7120072	6,240.000	Syd
2810	Hydrodemolition, First Pass	7120076	6,240.000	Syd
2820	Hydrodemolition, Second Pass	7120077	626.000	Syd
2830	Bridge Joint, Revise Expansion Device	7120080	3.000	Ea
2840	Reinforcement, Mechanical Splice	7120084	84.000	Ea
2850	Patching Conc, C-L	7120112	239.000	Cyd
2860	Embedded Galvanic Anode	7120120	892.000	Ea
2870	_ Conc, Deep Bridge Deck Ovly	7127021	922.000	Cyd
2880	Beam Plate, Seal Perimeter	7130010	5,419.000	Ft
2890	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	60,020.000	Lb
2900	Steel Structure, Cleaning, Type 4 (B01-3 of 41025)	7150045	1.000	LSUM
2910	Steel Structure, Cleaning, Type 4 (B01-4 of 41025)	7150045	1.000	LSUM
2920	Steel Structure, Coating, Type 4 (B01-3 of 41025)	7150046	1.000	LSUM
2930	Steel Structure, Coating, Type 4 (B01-4 of 41025)	7150046	1.000	LSUM
2940	Steel Structure, Cleaning, Partial, Type 4 (S01-3 of 41025)	7150047	1.000	LSUM
2950	Steel Structure, Cleaning, Partial, Type 4 (S01-4 of 41025)	7150047	1.000	LSUM
2960	Steel Structure, Cleaning, Partial, Type 4 (S02-3 of 41025)	7150047	1.000	LSUM
2970	Steel Structure, Cleaning, Partial, Type 4 (S02-4 of 41025)	7150047	1.000	LSUM
2980	Steel Structure, Coating, Partial, Type 4 (S01-3 of 41025)	7150048	1.000	LSUM
2990	Steel Structure, Coating, Partial, Type 4 (S01-4 of 41025)	7150048	1.000	LSUM
3000	Steel Structure, Coating, Partial, Type 4 (S02-3 of 41025)	7150048	1.000	LSUM
3010	Steel Structure, Coating, Partial, Type 4 (S02-4 of 41025)	7150048	1.000	LSUM
3020	Field Repair of Damaged Coating (B01-3 of 41025)	7160001	1.000	LSUM
3030	Field Repair of Damaged Coating (B01-4 of 41025)	7160001	1.000	LSUM
3040	Deck Drain, Adj	7170061	160.000	Ea
3050	_ Slope Protection, Replace	8137011	600.000	Syd
3060	_ Railroad Inspection and Flagging	8507060	96,000.000	Dlr
3070	_ Railroad Protection	8507060	30,000.000	Dlr



12/1/2017 11:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 009

Letting Date: January 5, 2018

Contract ID: 74062-119008

Description: 5.07 mi of hot mix asphalt cold milling and resurfacing, reconstruction, concrete curb, gutter, driveway, sidewalk and culvert, sewer, drainage, watermain replacement, safety upgrades, steel sheet piling, signing and pavement markings on M-46 from Whitney Drive easterly to M-25 and on M-25 from French Line Road to the Port Sanilac north village limits in the village of Port Sanilac, Sanilac County. This project includes one 5 year and one 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119008A	1800121	N/A	ST 74062
132127A	N/A	N/A	M 74072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$447,200.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.300	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	8.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0090	Dr Structure, Rem	2030011	21.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	3,041.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	40.000	Ft
0120	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0130	Curb and Gutter, Rem	2040020	2,345.000	Ft
0140	Guardrail, Rem	2040035	733.000	Ft
0150	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0160	Pavt, Rem	2040050	4,078.000	Syd
0170	Sidewalk, Rem	2040055	2,250.000	Syd
0180	Exploratory Investigation, Vertical	2040080	100.000	Ft
0190	_ Pavt, Rem, Modified	2047011	9,716.000	Syd
0200	Embankment, CIP	2050010	444.000	Cyd
0210	Excavation, Earth	2050016	12,442.000	Cyd
0220	Excavation, Rock	2050018	160.000	Cyd
0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	85.000	Cyd
0240	Subgrade Undercutting, Type II	2050041	1,067.000	Cyd

0250	Aggregate, 6A	2060001	2.000	Cyd
0260	Backfill, Structure, CIP	2060002	231.000	Cyd
0270	Excavation, Fdn	2060010	14.000	Cyd
0280	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0290	Erosion Control, Inlet Protection, Fabric Drop	2080020	86.000	Ea
0300	Erosion Control, Inlet Protection, Sediment Trap	2080024	40.000	Ea
0310	Erosion Control, Maintenance, Sediment Removal	2080026	45.000	Cyd
0320	Erosion Control, Sediment Trap	2080034	7.000	Ea
0330	Erosion Control, Silt Fence	2080036	3,941.000	Ft
0340	Erosion Control, Turbidity Curtain, Shallow	2080044	60.000	Ft
0350	_ Permeable Runoff Structure	2087001	72.000	Ft
0360	Project Cleanup	2090001	1.000	LSUM
0370	Subbase, CIP	3010002	8,871.000	Cyd
0380	Subbase, LM	3010003	7.000	Cyd
0390	Aggregate Base, LM	3020002	15.000	Cyd
0400	Aggregate Base, 6 inch	3020016	18,371.000	Syd
0410	Approach, CI II	3070021	30.000	Ton
0420	Shoulder, CI II, 6 inch	3070128	667.000	Syd
0430	_ Shoulder, CI II - Modified	3077031	2,831.000	Ton
0440	Culv End Sect, 12 inch	4010012	4.000	Ea
0450	Culv End Sect, 24 inch	4010024	1.000	Ea
0460	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0470	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0480	Culv End Sect, Metal, 15 inch	4010095	2.000	Ea
0490	Culv, CI A, 24 inch	4010134	118.000	Ft
0500	Culv, CI F, 12 inch	4010607	190.000	Ft
0510	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	4.000	Ea
0520	Dr Marker Post	4011109	21.000	Ea
0530	Sewer, CI A, 12 inch, Tr Det B	4020033	970.000	Ft
0540	Sewer, CI A, 24 inch, Tr Det B	4020036	2,677.000	Ft
0550	Sewer, CI A, 48 inch, Tr Det B	4020040	99.000	Ft
0560	Sewer Tap, 6 inch	4021201	1.000	Ea
0570	Sewer Tap, 8 inch	4021202	1.000	Ea
0580	Sewer Tap, 10 inch	4021203	1.000	Ea
0590	Sewer Tap, 12 inch	4021204	13.000	Ea
0600	Sewer Tap, 18 inch	4021206	2.000	Ea
0610	Video Taping Sewer and Culv Pipe	4021275	3,582.000	Ft
0620	Dr Structure Cover, Adj, Case 1	4030005	50.000	Ea
0630	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0640	Dr Structure Cover, Type B	4030010	41.000	Ea
0650	Dr Structure Cover, Type D	4030025	6.000	Ea
0660	Dr Structure Cover, Type G	4030040	14.000	Ea
0670	Dr Structure Cover, Type K	4030050	33.000	Ea
0680	Dr Structure Cover, Type Q	4030065	22.000	Ea
0690	Dr Structure Cover, Type R	4030070	1.000	Ea

0700	Dr Structure, 24 inch dia	4030200	14.000	Ea
0710	Dr Structure, 48 inch dia	4030210	38.000	Ea
0720	Dr Structure, 60 inch dia	4030220	5.000	Ea
0730	Dr Structure, 72 inch dia	4030230	4.000	Ea
0740	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	16.000	Ft
0750	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0760	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0770	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0780	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0790	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0800	Underdrain, Subbase, 6 inch	4040063	5,351.000	Ft
0810	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0820	Pavt, Cleaning	5010001	1.000	LSUM
0830	Cold Milling HMA Surface	5010002	92,457.000	Syd
0840	Bump Grinding	5010004	200.000	Syd
0850	HMA Surface, Rem	5010005	1,920.000	Syd
0860	HMA Quality Initiative	5010007	35,548.000	Dlr
0870	Longitudinal Joint Density Quality Initiative	5010018	50,092.000	Dlr
0880	Pavt Joint and Crack Repr, Det 7	5010020	790.000	Ft
0890	Pavt Joint and Crack Repr, Det 8	5010021	400.000	Ft
0900	Hand Patching	5010025	742.000	Ton
0910	HMA, 3E1	5010044	2,363.000	Ton
0920	HMA Approach	5010061	756.000	Ton
0930	HMA, 4E1, High Stress	5010508	4,087.000	Ton
0940	HMA, 5E1, High Stress	5010514	3,070.000	Ton
0950	HMA Approach, High Stress	5010520	1,156.000	Ton
0960	HMA, LVSP	5010703	5,600.000	Ton
0970	Steel Sheet Piling, Permanent	7040001	3,841.000	Sft
0980	_ Steel Sheet Piling, Temp, Left in Place,Special	7047010	636.000	Sft
0990	_ Bypass Pumping	7047051	1.000	LSUM
1000	Conc, Grade S2	7060011	15.000	Cyd
1010	Reinforcement, Steel, Culv and Headwall	7060091	558.000	Lb
1020	Substructure Conc, High Performance	7060101	6.000	Cyd
1030	Water Repellent Treatment, Penetrating	7060140	8.000	Syd
1040	Structural Steel, Mixed, Erect	7070050	5,829.000	Lb
1050	Structural Steel, Mixed, Furn and Fab	7070051	5,829.000	Lb
1060	Joint Waterproofing	7100001	23.000	Sft
1070	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	21.000	Ea
1080	Field Repair of Damaged Coating (C01 of 74073)	7160001	1.000	LSUM
1090	_ Vibration Monitoring	8007051	1.000	LSUM
1100	Driveway, Nonreinf Conc, 6 inch	8010005	683.000	Syd
1110	Curb and Gutter, Conc, Det F4	8020038	4,374.000	Ft
1120	Curb and Gutter, Conc, Det F5	8020039	50.000	Ft

1130	Driveway Opening, Conc, Det M	8020050	221.000	Ft
1140	Detectable Warning Surface	8030010	270.000	Ft
1150	Railing for Steps	8030020	22.000	Ft
1160	Curb Ramp Opening, Conc	8030030	363.000	Ft
1170	Sidewalk Ramp, Conc, 6 inch	8030036	5,984.000	Sft
1180	Sidewalk, Conc, 4 inch	8030044	17,741.000	Sft
1190	Sidewalk, Conc, 6 inch	8030046	4,973.000	Sft
1200	Steps, Conc	8030100	2.000	Cyd
1210	_ Brick Pavers, Rem	8037010	3,315.000	Sft
1220	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	50.000	Sft
1230	Curb Sloped, HMA	8050010	660.000	Ft
1240	Guardrail, Type MGS-8	8070004	177.000	Ft
1250	Guardrail, Curved, Type B	8070010	75.000	Ft
1260	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
1270	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
1280	Guardrail Reflector	8070080	14.000	Ea
1290	Post, Mailbox	8070095	10.000	Ea
1300	Guardrail, Reconst, Type B	8070105	38.000	Ft
1310	_ Guardrail Long Span, Det MGS-1	8077050	3.000	Ea
1320	Band, Sign	8100010	95.000	Ea
1330	Delineator Reflector, Green	8100133	29.000	Ea
1340	Fdn, Wood Support, Rem	8100280	7.000	Ea
1350	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
1360	Post, Flexible, Delineator	8100360	8.000	Ea
1370	Post, Steel, 3 lb	8100371	1,557.000	Ft
1380	Post, Wood, 4 inch by 6 inch	8100380	144.000	Ft
1390	Post, Wood, 6 inch by 8 inch	8100382	28.000	Ft
1400	Sign, Type II, Rem	8100397	4.000	Ea
1410	Sign, Type IIA	8100398	59.000	Sft
1420	Sign, Type III, Erect, Salv	8100402	42.000	Ea
1430	Sign, Type III, Rem	8100403	203.000	Ea
1440	Sign, Type IIIA	8100404	199.000	Sft
1450	Sign, Type IIIB	8100405	376.000	Sft
1460	Sign, Type VB	8100425	16.000	Sft
1470	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
1480	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
1490	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	419.000	Ft
1500	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	430.000	Ft
1510	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	105.000	Ft
1520	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
1530	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
1540	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	195,034.000	Ft
1550	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	76,487.000	Ft
1560	Pavt Mrkg, Waterborne, 4 inch, White	8110231	301.000	Ft

1570	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,577.000	Ft
1580	Pavt Mrkg, Waterborne, 6 inch, White	8110233	50,417.000	Ft
1590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	301.000	Ft
1600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,577.000	Ft
1610	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	50,417.000	Ft
1620	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1630	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	161.000	Ft
1640	Recessing Pavt Mrkg, Longit	8110450	25,714.000	Ft
1650	Recessing Pavt Mrkg, Transv	8110451	1,460.000	Sft
1660	Barricade, Type III, High Intensity, Lighted, Furn	8120022	70.000	Ea
1670	Barricade, Type III, High Intensity, Lighted, Oper	8120023	70.000	Ea
1680	Channelizing Device, 42 inch, Furn	8120030	304.000	Ea
1690	Channelizing Device, 42 inch, Oper	8120031	304.000	Ea
1700	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
1710	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1720	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1730	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	4.000	Ea
1740	Conc Barrier Reflector Replacement	8120070	20.000	Ea
1750	Conc Barrier, Temp, Adj	8120080	300.000	Ft
1760	Conc Barrier, Temp, Furn	8120081	150.000	Ft
1770	Conc Barrier, Temp, Oper	8120082	150.000	Ft
1780	Conc Barrier, Temp, Relocated	8120083	300.000	Ft
1790	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1800	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1810	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
1820	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
1830	Minor Traf Devices	8120170	1.000	LSUM
1840	Mobile Attenuator	8120180	2.000	Ea
1850	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,310.000	Ft
1860	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	44.000	Ft
1870	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	48.000	Ft
1880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	9,399.000	Ft
1890	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	24,480.000	Ft
1900	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,120.000	Ft
1910	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,620.000	Ft
1920	Plastic Drum, High Intensity, Furn	8120250	625.000	Ea
1930	Plastic Drum, High Intensity, Oper	8120251	625.000	Ea
1940	Sign Cover	8120310	76.000	Ea
1950	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
1960	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
1970	Sign, Type B, Temp, Prismatic, Furn	8120350	4,750.000	Sft
1980	Sign, Type B, Temp, Prismatic, Oper	8120351	4,750.000	Sft

1990	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	166.000	Sft
2000	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	166.000	Sft
2010	Traf Regulator Control	8120370	1.000	LSUM
2020	_ Temp Rumble Strips (Orange), Stop Condition	8127001	660.000	Ft
2030	_ Pedestrian Type II Barricade, Temp	8127050	26.000	Ea
2040	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
2050	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
2060	_ Riprap, Special, Class I	8137011	30.000	Syd
2070	_ Riprap, Special, Class II	8137011	186.000	Syd
2080	Site Preparation, Max \$1,200.00	8150001	1.000	LSUM
2090	Watering and Cultivating, First Season, Min \$700.00	8150002	1.000	LSUM
2100	Watering and Cultivating, Second Season, Min \$900.00	8150003	1.000	LSUM
2110	Acer saccharum Commemoration, 1 1/2 inch	8150181	11.000	Ea
2120	Picea abies, 4 foot	8152740	10.000	Ea
2130	_ Turf Establishment, Performance	8167011	12,940.000	Syd
2140	Cable Pole, Sec, Dismant	8190006	1.000	Ea
2150	Cable, Rem	8190016	200.000	Ft
2160	Conduit, DB, 1, 3 inch	8190029	180.000	Ft
2170	Hh, Light Duty Cover	8190248	4.000	Ea
2180	Hh, Rem	8190254	9.000	Ea
2190	Hh, Round	8190260	2.000	Ea
2200	Light Std Fdn	8190279	4.000	Ea
2210	Light Std Fdn, Rem	8190280	4.000	Ea
2220	Light Std Shaft, Install Salv	8190301	4.000	Ea
2230	Light Std Shaft, Rem and Salv	8190306	4.000	Ea
2240	Cable, Sec, 600V, 1, 3/C#6	8190399	180.000	Ft
2250	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
2260	Controller and Cabinet, Rem	8200030	1.000	Ea
2270	Fdn, Rem	8200065	2.000	Ea
2280	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2290	Pedestal Fdn, Rem	8200106	2.000	Ea
2300	Pedestal, Rem	8200110	2.000	Ea
2310	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
2320	Pushbutton, Rem	8200122	4.000	Ea
2330	Serv Disconnect	8200135	1.000	Ea
2340	Serv Disconnect, Rem	8200136	1.000	Ea
2350	Span Wire	8200140	1.000	Ea
2360	Span Wire, Rem	8200141	1.000	Ea
2370	Steel Pole, Rem	8200145	2.000	Ea
2380	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
2390	Guy, Rem	8200167	1.000	Ea
2400	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
2410	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea

2420	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
2430	Warning Sign, Rem	8200261	1.000	Ea
2440	TS, Two Way Span Wire Mtd (LED)	8200322	4.000	Ea
2450	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
2460	Strain Pole Fdn, 6 Bolt	8200470	30.000	Ft
2470	Casing	8200480	26.000	Ft
2480	Monument Box	8210001	4.000	Ea
2490	Monument Box Adjust	8210005	2.000	Ea
2500	Monument Preservation	8210010	5.000	Ea
2510	Protect Corners	8210020	4.000	Ea
2520	Centerline Corrugations, Milled, HMA	8220013	18,900.000	Ft
2530	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	37,800.000	Ft
2540	Fire Hydrant	8230040	11.000	Ea
2550	Gate Valve and Box, 6 inch	8230051	11.000	Ea
2560	Gate Valve and Box, 8 inch	8230052	11.000	Ea
2570	Hydrant, Rem	8230091	5.000	Ea
2580	Hydrant, Relocate, Case 1	8230095	7.000	Ea
2590	Water Main, DI, 6 inch, Tr Det F	8230150	40.000	Ft
2600	Water Main, DI, 6 inch, Tr Det G	8230151	88.000	Ft
2610	Water Main, DI, 8 inch, Tr Det F	8230155	1,833.000	Ft
2620	Water Main, DI, 8 inch, Tr Det G	8230156	2,469.000	Ft
2630	Water Serv	8230240	15.000	Ea
2640	Water Serv, Long	8230245	7.000	Ea
2650	Water Serv, Conflict	8230250	10.000	Ea
2660	Water Shutoff, Adj, Case 2	8230422	6.000	Ea
2670	Gate Box, Adj, Case 1	8230431	12.000	Ea
2680	Gate Box, Adj, Case 2	8230432	7.000	Ea
2690	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	886.000	Ft
2700	_ Water Main Conflict, 8 inch	8237050	4.000	Ea
2710	Contractor Staking, Road Only	8240007	1.000	LSUM
2720	Staking Plan Errors and Extras, One Person	8240020	37.000	Hr
2730	Staking Plan Errors and Extras, Two Person	8240021	15.000	Hr
2740	Staking Plan Errors and Extras, Three Person	8240022	22.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180105 010

Letting Date: January 5, 2018

Contract ID: 28051-131768

Description: 1.95 mi of hot mix asphalt micro cold milling and ultra-thin overlay on US-31/M-37 from south Vance Road to south of Rennie School Road in the city of Traverse City, Grand Traverse County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131768A	1800109	N/A	NH 28051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,600.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0030	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	53,123.000	Syd
0040	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	53,123.000	Syd
0050	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	1.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,018.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,390.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,437.000	Ft
0110	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0120	Recessing Pavt Mrkg, Longit	8110450	34,431.000	Ft
0130	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Ltg for Night Work	8120160	1.000	LSUM
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea
0210	Sign Cover	8120310	6.000	Ea
0220	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0230	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0260	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: 180105 011

Letting Date: January 5, 2018

Contract ID: 10032-124036

Description: 0.15 mi of hot mix asphalt widening and pavement markings for a passing flare on US-31 at Platte Road, Benzie County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124036A	1800106	N/A	CM 10032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,100.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	297.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0050	_ Embankment, CIP, Special	2057021	95.000	Cyd
0060	Erosion Control, Silt Fence	2080036	24.000	Ft
0070	Aggregate Base, 6 inch	3020016	1,400.000	Syd
0080	Shoulder, CI II	3070121	40.000	Ton
0090	HMA Surface, Rem	5010005	742.000	Syd
0100	HMA Quality Initiative	5010007	778.000	Dlr
0110	HMA, 3E1	5010044	215.000	Ton
0120	HMA, 4E1	5010050	174.000	Ton
0130	Delineator Reflector, White	8100134	8.000	Ea
0140	Fdn, Wood Support, Rem	8100280	2.000	Ea
0150	Post, Rigid, Delineator	8100361	8.000	Ea
0160	Post, Steel, 3 lb	8100371	14.000	Ft
0170	Post, Wood, 4 inch by 6 inch	8100380	34.000	Ft
0180	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0190	Sign, Type II, Rem	8100397	1.000	Ea
0200	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0210	Sign, Type III, Rem	8100403	2.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	360.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	800.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	360.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	800.000	Ft
0260	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0310	Sign Cover	8120310	2.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0340	Fertilizer, Chemical Nutrient, CI A	8160020	51.000	Lb
0350	Mulch Blanket	8160027	1,390.000	Syd
0360	Seeding, Mixture TDS	8160037	63.000	Lb
0370	Topsoil Surface, Salv, 3 inch	8160076	1,390.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180105 012

Letting Date: January 5, 2018

Contract ID: 35032-112946

Description: 5.67 mi of hot mix asphalt reconstruction, tree removal, subbase, aggregate base, drainage, concrete driveway, curb, gutter, sidewalk and ramps, signing and pavement markings on US-23 from north of Tawas Beach Road northerly to south of Kirkland Drive in the city of East Tawas, Iosco County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112946A	1800123	N/A	NH 35032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$920,000.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	96.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	41.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	124.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	58.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	11.000	Ea
0090	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0100	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0110	Dr Structure, Rem	2030011	1.000	Ea
0120	Sewer, Rem, Less than 24 inch	2030015	49.000	Ft
0130	Sewer, Rem, 24 inch to 48 inch	2030016	112.000	Ft
0140	Curb and Gutter, Rem	2040020	5,773.000	Ft
0150	Fence, Rem	2040025	65.000	Ft
0160	Pavt, Rem	2040050	75,463.000	Syd
0170	Sidewalk, Rem	2040055	776.000	Syd
0180	Exploratory Investigation, Vertical	2040080	50.000	Ft
0190	_ Removal of Misc Appurtenances	2047051	1.000	LSUM
0200	Ditch Cleanout	2050006	12.000	Sta
0210	Excavation, Earth	2050016	124,298.000	Cyd
0220	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0230	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0240	_ Embankment, CIP, Special	2057021	10,550.000	Cyd
0250	Aggregate, 6A	2060001	117.000	Cyd
0260	Erosion Control, Check Dam, Stone	2080012	500.000	Ft

0270	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0280	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0290	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0300	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0310	Erosion Control, Sand Bag	2080028	120.000	Ea
0320	Erosion Control, Sediment Trap	2080034	25.000	Ea
0330	Erosion Control, Silt Fence	2080036	19,685.000	Ft
0340	Subbase, CIP	3010002	92,270.000	Cyd
0350	Aggregate Base	3020001	50,448.000	Ton
0360	Maintenance Gravel	3060020	5,000.000	Ton
0370	Approach, CI I	3070001	5,229.000	Ton
0380	Approach, CI II	3070021	1,758.000	Ton
0390	Shoulder, CI II	3070121	1,842.000	Ton
0400	_ Approach Grading	3077050	82.000	Ea
0410	Culv End Sect, 15 inch	4010015	64.000	Ea
0420	Culv End Sect, 18 inch	4010018	7.000	Ea
0430	Culv End Sect, 24 inch	4010024	4.000	Ea
0440	Culv, CI A, 18 inch	4010133	253.000	Ft
0450	Culv, CI A, 24 inch	4010134	188.000	Ft
0460	Culv, CI E, 15 inch	4010540	90.000	Ft
0470	Culv, CI E, 18 inch	4010541	82.000	Ft
0480	Culv, CI E, 24 inch	4010542	347.000	Ft
0490	Culv, CI E, 30 inch	4010543	70.000	Ft
0500	Culv, CI F, 15 inch	4010608	467.000	Ft
0510	Culv, CI F, 18 inch	4010609	33.000	Ft
0520	Culv, CI F, 24 inch	4010610	142.000	Ft
0530	Culv, CI F, Conc, 15 inch	4010642	526.000	Ft
0540	Culv, CI F, Conc, 18 inch	4010643	275.000	Ft
0550	Culv, CI F, Conc, 24 inch	4010644	90.000	Ft
0560	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	8.000	Ea
0570	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0580	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0590	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	17.000	Ea
0600	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	12.000	Ea
0610	Dr Marker Post	4011109	30.000	Ea
0620	_ Cured-In-Place Pipe Lining, Arch,29 inch by 42 inch	4017001	427.000	Ft
0630	Sewer, CI A, 12 inch, Tr Det B	4020033	222.000	Ft
0640	Sewer, CI A, 15 inch, Tr Det B	4020034	22.000	Ft
0650	Sewer, CI A, 36 inch, Tr Det B	4020038	116.000	Ft
0660	Sewer, CI E, 15 inch, Tr Det B	4020601	67.000	Ft
0670	Trench Undercut and Backfill	4021260	50.000	Cyd
0680	Video Taping Sewer and Culv Pipe	4021275	3,650.000	Ft
0690	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0700	Dr Structure Cover, Adj, Case 2	4030006	14.000	Ea
0710	Dr Structure Cover, Type B	4030010	1.000	Ea

0720	Dr Structure Cover, Type D	4030025	1.000	Ea
0730	Dr Structure Cover, Type J	4030045	4.000	Ea
0740	Dr Structure Cover, Type Q	4030065	26.000	Ea
0750	Dr Structure, 48 inch dia	4030210	10.000	Ea
0760	Dr Structure, 72 inch dia	4030230	1.000	Ea
0770	Dr Structure, Cleaning	4030290	10.000	Ea
0780	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0790	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0800	Underdrain, Subgrade, 6 inch	4040073	1,500.000	Ft
0810	Underdrain Outlet, 6 inch	4040093	200.000	Ft
0820	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0830	Pavt, Cleaning	5010001	1.000	LSUM
0840	Bump Grinding	5010004	200.000	Syd
0850	HMA Surface, Rem	5010005	188,979.000	Syd
0860	HMA Quality Initiative	5010007	114,000.000	Dlr
0870	Pavt for Butt Joints, Rem	5010008	98.000	Syd
0880	Longitudinal Joint Density Quality Initiative	5010018	272,000.000	Dlr
0890	Hand Patching	5010025	75.000	Ton
0900	HMA, 3E1	5010044	16,321.000	Ton
0910	HMA, 4E1	5010050	10,880.000	Ton
0920	HMA, 5E1	5010056	8,160.000	Ton
0930	HMA Approach	5010061	3,709.000	Ton
0940	HMA, LVSP	5010703	13,899.000	Ton
0950	_ Ride Incentive	5017060	46,323.000	Dlr
0960	HMA, Temp Pavt (LVSP)	5020807	5,680.000	Ton
0970	Driveway, Nonreinf Conc, 6 inch	8010005	140.000	Syd
0980	Curb and Gutter, Conc, Det B2	8020016	12,554.000	Ft
0990	Driveway Opening, Conc, Det M	8020050	4,555.000	Ft
1000	Shoulder Gutter, Conc, Det 1	8020055	13.000	Ea
1010	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
1020	Shoulder Gutter, Conc, Det 3	8020057	6.000	Ea
1030	Spillway, Conc	8020075	249.000	Ft
1040	Detectable Warning Surface	8030010	15.000	Ft
1050	Curb Ramp Opening, Conc	8030030	128.000	Ft
1060	Sidewalk Ramp, Conc, 6 inch	8030036	1,963.000	Sft
1070	Sidewalk, Conc, 6 inch	8030046	280.000	Sft
1080	Post, Mailbox	8070095	300.000	Ea
1090	Field Office, CI 2	8090002	7.000	Mo
1100	Field Office, Utility Fees	8090010	700.000	Dlr
1110	Fdn, Wood Support, Rem	8100280	29.000	Ea
1120	Installing MDOT Supplied Sign, Type III	8100302	5.000	Ea
1130	Post, Steel, 3 lb	8100371	2,604.000	Ft
1140	Post, Wood, 4 inch by 6 inch	8100380	282.000	Ft
1150	Post, Wood, 6 inch by 8 inch	8100382	68.000	Ft
1160	Sign, Type II, Rem	8100397	19.000	Ea

1170	Sign, Type IIA	8100398	194.000	Sft
1180	Sign, Type III, Erect, Salv	8100402	12.000	Ea
1190	Sign, Type III, Rem	8100403	100.000	Ea
1200	Sign, Type IIIA	8100404	209.000	Sft
1210	Sign, Type IIIB	8100405	511.000	Sft
1220	Sign, Type VB	8100425	30.000	Sft
1230	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
1240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	115.000	Ft
1250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1260	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
1270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
1280	Recessing Pavt Mrkg, Longit	8110450	96,530.000	Ft
1290	Recessing Pavt Mrkg, Transv	8110451	132.000	Sft
1300	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	1,100.000	Ft
1310	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	60,200.000	Ft
1320	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	35,230.000	Ft
1330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	93.000	Ea
1340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	85.000	Ea
1350	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1360	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1370	Minor Traf Devices	8120170	1.000	LSUM
1380	Pavt Mrkg Cover, Type R, Black	8120200	4,000.000	Ft
1390	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	31,000.000	Ft
1400	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	120,020.000	Ft
1410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	120,020.000	Ft
1420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,400.000	Ft
1430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,900.000	Ft
1440	Plastic Drum, High Intensity, Furn	8120250	820.000	Ea
1450	Plastic Drum, High Intensity, Oper	8120251	745.000	Ea
1460	Sign Cover	8120310	12.000	Ea
1470	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1480	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1490	Sign, Type B, Temp, Prismatic, Furn	8120350	1,155.000	Sft
1500	Sign, Type B, Temp, Prismatic, Oper	8120351	1,050.000	Sft
1510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	165.000	Sft
1520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	150.000	Sft
1530	Traf Regulator Control	8120370	1.000	LSUM
1540	_ Pedestrian, Type II Channelizer, Temp	8127001	500.000	Ft
1550	_ Delineator, Flexible, Temp, Furn	8127050	310.000	Ea
1560	_ Delineator, Flexible, Temp, Oper	8127050	341.000	Ea
1570	_ Pedestrian, Type II Barricade, Temp	8127050	8.000	Ea
1580	Riprap, Plain	8130010	1,282.000	Syd

1590	_ Layered Bioretention Soil Mix	8157021	2,017.000	Cyd
1600	Mulch	8160025	23,500.000	Syd
1610	Mulch Anchoring	8160026	23,500.000	Syd
1620	Seeding, Mixture TSM	8160041	490.000	Lb
1630	Topsoil Surface, Furn, 3 inch	8160061	23,500.000	Syd
1640	Water, Sodding/Seeding	8160090	82.000	Unit
1650	_ Turf Establishment, Performance	8167011	171,886.000	Syd
1660	Monument Box	8210001	1.000	Ea
1670	Monument Preservation	8210010	6.000	Ea
1680	Protect Corners	8210020	5.000	Ea
1690	Centerline Corrugations, Milled, HMA	8220013	15,600.000	Ft
1700	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	36,900.000	Ft
1710	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1720	Water Main, DI, 6 inch, Tr Det F	8230150	5.000	Ft
1730	Gate Box, Adj, Case 1	8230431	6.000	Ea
1740	Gate Box, Adj, Case 2	8230432	8.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 013

Letting Date: January 5, 2018

Contract ID: 21000-133168

Description: 1.84 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on County Road 414 from County Road 527 (L Road) east to Soo Hill School, Delta County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133168A	1800031	N/A	STUL 21422

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,900.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	112.000	Syd
0030	Aggregate Base, Conditioning	3020050	10,390.000	Syd
0040	_ HMA Base Crushing and Shaping, Modified	3057011	7,945.000	Syd
0050	Approach, CI I	3070001	85.000	Ton
0060	Approach, CI II	3070021	176.000	Ton
0070	Shoulder, CI II	3070121	820.000	Ton
0080	HMA Approach	5010061	380.000	Ton
0090	HMA, LVSP	5010703	3,726.000	Ton
0100	Driveway, Nonreinf Conc, 6 inch	8010005	112.000	Syd
0110	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,000.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,000.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	770.000	Ft
0180	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0190	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	332.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	332.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Monument Box	8210001	4.000	Ea
0240	Monument Preservation	8210010	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180105 014

Letting Date: January 5, 2018

Contract ID: 11400-121016

Description: Removal and replacement of existing signals with LED traffic signals, video detection and base mount controller and cabinet on Pipestone Street at Jefferson Street in the city of Benton Harbor, Berrien County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121016A	1800048	N/A	CMG 11400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	210.000	Ft
0030	Sidewalk, Rem	2040055	177.000	Syd
0040	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0050	Dr Structure Cover, Type K	4030050	2.000	Ea
0060	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0070	HMA Surface, Rem	5010005	65.000	Syd
0080	Hand Patching	5010025	12.000	Ton
0090	Conc Base Cse, Nonreinf, 7 inch	6020017	65.000	Syd
0100	Curb and Gutter, Conc, Det C4	8020023	160.000	Ft
0110	Curb Ramp Opening, Conc	8030030	60.000	Ft
0120	Sidewalk Ramp, Conc, 6 inch	8030036	1,300.000	Sft
0130	_ Detectable Warning Surface, Cast Iron	8037001	57.000	Ft
0140	Band, Sign	8100010	8.000	Ea
0150	Sign, Type III, Rem	8100403	13.000	Ea
0160	Sign, Type IIIA	8100404	20.000	Sft
0170	Sign, Type IIIB	8100405	20.000	Sft
0180	Mast Arm Pole, Cat II	8100511	4.000	Ea
0190	Mast Arm, 25 foot, Cat II	8100531	1.000	Ea
0200	Mast Arm, 35 foot, Cat II	8100533	2.000	Ea
0210	Mast Arm, 40 foot, Cat II	8100534	1.000	Ea
0220	Mast Arm Pole Fdn, 6 Bolt	8100550	78.000	Ft
0230	_ Cantilever Bracket System Support, Double Sided Sign	8107050	2.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	375.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	110.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0280	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0290	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Slope Restoration, Type B	8160101	150.000	Syd
0370	Conduit, DB, 1, 1 1/2 inch	8190027	105.000	Ft
0380	Conduit, DB, 3, 3 inch	8190035	75.000	Ft
0390	Conduit, DB, 4, 3 inch	8190038	35.000	Ft
0400	Conduit, Rem	8190140	175.000	Ft
0410	Hh, Rem	8190254	4.000	Ea
0420	Hh, Round, 3 foot dia	8190259	4.000	Ea
0430	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0440	Conduit, Directional Bore, 1, 3 inch	8190602	65.000	Ft
0450	Conduit, Directional Bore, 2, 3 inch	8190604	80.000	Ft
0460	Conduit, Directional Bore, 3, 3 inch	8190606	60.000	Ft
0470	Case Sign, Rem	8200020	1.000	Ea
0480	Controller and Cabinet, Rem	8200030	1.000	Ea
0490	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0500	Controller Fdn, Base Mount	8200045	1.000	Ea
0510	Controller Fdn, Rem	8200046	1.000	Ea
0520	Metered Serv	8200090	1.000	Ea
0530	Metered Serv, Rem	8200095	1.000	Ea
0540	Pedestal, Alum	8200100	1.000	Ea
0550	Pedestal, Fdn	8200105	1.000	Ea
0560	Pedestal Fdn, Rem	8200106	2.000	Ea
0570	Pedestal, Rem	8200110	2.000	Ea
0580	Power Co. (Est. Cost to Contractor)	8200116	1,500.000	Dlr
0590	Pushbutton and Sign	8200121	4.000	Ea
0600	Pushbutton, Rem	8200122	8.000	Ea
0610	Serv Disconnect	8200135	1.000	Ea
0620	Serv Disconnect, Rem	8200136	1.000	Ea
0630	Span Wire, Rem	8200141	1.000	Ea
0640	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
0650	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0660	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0670	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0680	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0690	Riser, Rem	8200185	1.000	Ea
0700	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea

0710	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0720	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0730	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0740	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0750	Casing	8200480	66.000	Ft
0760	TS Uninterruptible Power System	8200500	1.000	Ea
0770	_ Universal Camera Bracket and Extension	8207050	4.000	Ea
0780	_ Video Traffic Detection Camera, Modified	8207050	4.000	Ea
0790	_ Video Traffic Detection System, Modified	8207050	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180105 015

Letting Date: January 5, 2018

Contract ID: 72832-131731

Description: 11.82 mi of hot mix asphalt cold milling, single-course overlay, centerline corrugations and pavement markings on Old M-55 from east of M-55 to west of Green Road, Ogemaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131731A	N/A	N/A	M 72823

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$147,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	32.000	Syd
0030	Excavation, Earth	2050016	6.000	Cyd
0040	Approach, CI I	3070001	12.000	Ton
0050	Approach, CI II	3070021	40.000	Ton
0060	Shoulder, CI II	3070121	1,950.000	Ton
0070	Cold Milling HMA Surface	5010002	206,735.000	Syd
0080	HMA Quality Initiative	5010007	39,828.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	62,315.000	Dlr
0100	Hand Patching	5010025	4.000	Ton
0110	HMA Approach	5010061	535.000	Ton
0120	HMA, LVSP	5010703	19,375.000	Ton
0130	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	36.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	900.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	73,250.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	124,650.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	900.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	73,250.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	124,650.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Protective Ovly, Snowmobile Trail Crossing	8110550	65.000	Syd
0220	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,500.000	Ft

0280	Sign Cover	8120310	20.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Monument Box	8210001	2.000	Ea
0330	Monument Box Adjust	8210005	10.000	Ea
0340	Monument Preservation	8210010	2.000	Ea
0350	Centerline Corrugations, Milled, HMA	8220013	60,690.000	Ft



12/1/2017 11:03 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 016

Letting Date: January 5, 2018

Contract ID: 25032-119434

Description: Pump station rehabilitation including removal and replacement of mechanical and electrical components and structure upgrades and repairs on I-75 at Arlene Drive, Genesee County. See Special Provision for Determination of Lowest Successful Bidder for more information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119434A	1725035	N/A	ST 25032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$120,000.00	1500001	1.000	LSUM
Section: 2				
0020	_ Reimbursed Permit Fee	1077060	150.000	Dlr
0030	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0040	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	_ Miscellaneous Metals, Rem (D01 of 25032)	2047051	1.000	LSUM
0060	_ Steel Trash Rack Replacement (D01 of 25032)	2047051	1.000	LSUM
0070	_ Structures, Rem Portions, Modified (D01 of 25032)	2047051	1.000	LSUM
0080	Embankment, Structure, CIP	2050012	11.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0100	Backfill, Structure, CIP	2060002	53.000	Cyd
0110	Excavation, Fdn	2060010	107.000	Cyd
0120	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0140	Erosion Control, Silt Fence	2080036	200.000	Ft
0150	Aggregate Base, 8 inch	3020020	20.000	Syd
0160	Sewer, Cl C, 8 inch, Tr Det A	4020301	14.000	Ft
0170	Dr Structure Cover, Type B	4030010	1.000	Ea
0180	Dr Structure Lead, Cleaning, 12 inch	4030112	55.000	Ft
0190	Dr Structure Lead, Cleaning, 42 inch	4030142	125.000	Ft
0200	Dr Structure, 24 inch dia	4030200	1.000	Ea
0210	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	2.000	Ft
0220	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0230	_ Dr Structure Cover, Type B, Modified	4037050	1.000	Ea
0240	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea

0250	Underdrain, Fdn, 6 inch	4040033	56.000	Ft
0260	_ Vertical Mixed Flow Pump, (D01 of 25032)	4057050	4.000	Ea
0270	_ Bypass Pumping (D01 of 25032)	4057051	1.000	LSUM
0280	_ Corrosion Resistant Coating, Wet Well (D01 of 25032)	4057051	1.000	LSUM
0290	_ Mechanical Equipment, Vertical Pumps (D01 of 25032)	4057051	1.000	LSUM
0300	_ Pump Station Equipment, Elec (D01 of 25032)	4057051	1.000	LSUM
0310	_ Pump Station Metal Work, Misc (D01 of 25032)	4057051	1.000	LSUM
0320	_ Pump Station Special Coatings (D01 of 25032)	4057051	1.000	LSUM
0330	HMA Surface, Rem	5010005	20.000	Syd
0340	Hand Patching	5010025	10.000	Ton
0350	Steel Sheet Piling, Temp, Left in Place	7040003	681.000	Sft
0360	Conc, Grade S2	7060011	33.000	Cyd
0370	Reinforcement, Steel, Epoxy Coated	7060092	3,996.000	Lb
0380	Joint Waterproofing	7100001	120.000	Sft
0390	Conc Surface Coating (D01 of 25032)	7100010	1.000	LSUM
0400	Hand Chipping, Other Than Deck	7120007	50.000	Cft
0410	Patch, Forming	7120017	50.000	Sft
0420	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	123.000	Ea
0430	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	31.000	Ea
0440	Flushing Cracks, Water	7120098	250.000	Ft
0450	Structural Crack, Repr	7120099	250.000	Ft
0460	Patching Conc, C-L	7120112	10.000	Cyd
0470	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0480	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0490	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	1.000	Ea
0500	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	1.000	Ea
0510	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	100.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	100.000	Ft
0540	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0550	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Mobile Attenuator	8120180	1.000	Ea
0600	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0620	Sign Cover	8120310	5.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM

0680	Slope Restoration, Type C	8160102	250.000	Syd
0690	_ Current Transformer Cabinet and Manual Transfer Switch (D01 of 25032)	8197050	1.000	Ea
0700	_ Electrical, Rem (D01 of 25032)	8197051	1.000	LSUM
0710	_ Utility, (Elec)	8197060	1,000.000	Dlr
0720	Contractor Staking, Road Only	8240007	1.000	LSUM
0730	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0740	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0750	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0760	_ Temp Power System (D01 of 25032)	8507041	10.000	Cday

Section: 3

0770	_ Reimbursed Permit Fee	1077060	150.000	Dlr
0780	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0790	Exploratory Investigation, Vertical	2040080	50.000	Ft
0800	_ Miscellaneous Metals, Rem (D01 of 25032)	2047051	1.000	LSUM
0810	_ Steel Trash Rack Replacement (D01 of 25032)	2047051	1.000	LSUM
0820	_ Structures, Rem Portions, Modified (D01 of 25032)	2047051	1.000	LSUM
0830	Embankment, Structure, CIP	2050012	11.000	Cyd
0840	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0850	Backfill, Structure, CIP	2060002	53.000	Cyd
0860	Excavation, Fdn	2060010	107.000	Cyd
0870	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0880	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0890	Erosion Control, Silt Fence	2080036	200.000	Ft
0900	Aggregate Base, 8 inch	3020020	20.000	Syd
0910	Sewer, Cl C, 8 inch, Tr Det A	4020301	14.000	Ft
0920	Dr Structure Cover, Type B	4030010	1.000	Ea
0930	Dr Structure Lead, Cleaning, 12 inch	4030112	55.000	Ft
0940	Dr Structure Lead, Cleaning, 42 inch	4030142	125.000	Ft
0950	Dr Structure, 24 inch dia	4030200	1.000	Ea
0960	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	2.000	Ft
0970	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0980	_ Dr Structure Cover, Type B, Modified	4037050	1.000	Ea
0990	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea
1000	Underdrain, Fdn, 6 inch	4040033	56.000	Ft
1010	_ Vertical Mixed Flow Pump, (D01 of 25032)	4057050	4.000	Ea
1020	_ Bypass Pumping (D01 of 25032)	4057051	1.000	LSUM
1030	_ Corrosion Resistant Coating, Wet Well (D01 of 25032)	4057051	1.000	LSUM
1040	_ Mechanical Equipment, Vertical Pumps (D01 of 25032)	4057051	1.000	LSUM
1050	_ Pump Station Equipment, Elec (D01 of 25032)	4057051	1.000	LSUM
1060	_ Pump Station Metal Work, Misc (D01 of 25032)	4057051	1.000	LSUM
1070	_ Pump Station Special Coatings (D01 of 25032)	4057051	1.000	LSUM

1080	HMA Surface, Rem	5010005	20.000	Syd
1090	Hand Patching	5010025	10.000	Ton
1100	Steel Sheet Piling, Temp, Left in Place	7040003	681.000	Sft
1110	Conc, Grade S2	7060011	33.000	Cyd
1120	Reinforcement, Steel, Epoxy Coated	7060092	3,996.000	Lb
1130	Joint Waterproofing	7100001	120.000	Sft
1140	Conc Surface Coating (D01 of 25032)	7100010	1.000	LSUM
1150	Hand Chipping, Other Than Deck	7120007	50.000	Cft
1160	Patch, Forming	7120017	50.000	Sft
1170	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	123.000	Ea
1180	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	31.000	Ea
1190	Flushing Cracks, Water	7120098	250.000	Ft
1200	Structural Crack, Repr	7120099	250.000	Ft
1210	Patching Conc, C-L	7120112	10.000	Cyd
1220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
1230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
1240	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	1.000	Ea
1250	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	1.000	Ea
1260	Conc Barrier Reflector Replacement	8120070	10.000	Ea
1270	Conc Barrier, Temp, Furn	8120081	100.000	Ft
1280	Conc Barrier, Temp, Oper	8120082	100.000	Ft
1290	High Intensity Light, Type B, Furn	8120110	1.000	Ea
1300	High Intensity Light, Type B, Oper	8120111	1.000	Ea
1310	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
1320	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
1330	Minor Traf Devices	8120170	1.000	LSUM
1340	Mobile Attenuator	8120180	1.000	Ea
1350	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
1360	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
1370	Sign Cover	8120310	5.000	Ea
1380	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
1390	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
1400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
1410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
1420	Traf Regulator Control	8120370	1.000	LSUM
1430	Slope Restoration, Type C	8160102	250.000	Syd
1440	_ Current Transformer Cabinet and Manual Transfer Switch (D01 of 25032)	8197050	1.000	Ea
1450	_ Electrical, Rem (D01 of 25032)	8197051	1.000	LSUM
1460	_ Utility, (Elec)	8197060	1,000.000	Dlr
1470	Contractor Staking, Road Only	8240007	1.000	LSUM
1480	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
1490	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1500	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
1510	_ Temp Power System (D01 of 25032)	8507041	10.000	Cday



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 017

Letting Date: January 5, 2018

Contract ID: 22013-120318

Description: 9.58 mi of hot mix asphalt cold milling, resurfacing, crushing and shaping, drainage, pavement markings and a temporary run-around to facilitate railroad crossing replacement on M-95 from south of Byers Road northerly to the Michigamme River through the village of Channing, Dickinson and Marquette Counties. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120318A	1800130	N/A	NH 22013
133241A	1800132	N/A	STRH 22013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$408,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	19.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0080	Curb and Gutter, Rem	2040020	350.000	Ft
0090	Sidewalk, Rem	2040055	115.000	Syd
0100	Ditch Cleanout	2050006	3.000	Sta
0110	Embankment, CIP	2050010	55.000	Cyd
0120	Excavation, Earth	2050016	255.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	_ Ditching	2057002	24.000	Sta
0150	Obliterate Old Road	2070001	6.000	Sta
0160	Erosion Control, Check Dam, Stone	2080012	64.000	Ft
0170	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0200	Erosion Control, Sediment Trap	2080034	8.000	Ea
0210	Erosion Control, Silt Fence	2080036	3,831.000	Ft
0220	Subbase, CIP	3010002	630.000	Cyd
0230	Aggregate Base, 6 inch	3020016	3,870.000	Syd
0240	Aggregate Base, 8 inch	3020020	290.000	Syd
0250	HMA Base Crushing and Shaping	3050002	236,909.000	Syd

0260	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0270	Maintenance Gravel	3060020	200.000	Ton
0280	Approach, CI I	3070001	115.000	Ton
0290	Approach, CI II	3070021	422.000	Ton
0300	Shoulder, CI II	3070121	4,563.000	Ton
0310	Trenching	3070200	16.000	Sta
0320	_ Approach Grading	3077050	8.000	Ea
0330	Culv End Sect, 18 inch	4010018	9.000	Ea
0340	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0350	Culv End Sect, Grate	4010083	133.000	Lb
0360	Culv End Sect, Metal, 15 inch	4010095	6.000	Ea
0370	Culv, CI A, 15 inch	4010132	64.000	Ft
0380	Culv, CI A, 18 inch	4010133	220.000	Ft
0390	Culv, CI A, Conc, 24 inch	4010168	208.000	Ft
0400	Culv, CI A, CSP, 24 inch	4010202	60.000	Ft
0410	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0420	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	13.000	Ea
0430	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	9.000	Ea
0440	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	10.000	Ea
0450	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0460	_ Culvert Cleanout	4017050	15.000	Ea
0470	Sewer, CI II, 15 inch, Tr Det B	4020749	16.000	Ft
0480	Sewer Tap, 15 inch	4021205	1.000	Ea
0490	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0500	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0510	Dr Structure Cover, Type B	4030010	3.000	Ea
0520	Dr Structure Cover, Type D	4030025	11.000	Ea
0530	Dr Structure Cover, Type E	4030035	5.000	Ea
0540	Dr Structure, 48 inch dia	4030210	1.000	Ea
0550	Dr Structure, Adj, Add Depth	4030280	85.000	Ft
0560	Underdrain, Subbase, 6 inch	4040063	384.000	Ft
0570	Underdrain Outlet, 6 inch	4040093	24.000	Ft
0580	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0590	Cold Milling HMA Surface	5010002	136,087.000	Syd
0600	HMA Surface, Rem	5010005	4,200.000	Syd
0610	HMA Quality Initiative	5010007	38,847.000	Dlr
0620	Longitudinal Joint Density Quality Initiative	5010018	73,880.000	Dlr
0630	Pavt Joint and Crack Repr, Det 7	5010020	510.000	Ft
0640	Pavt Joint and Crack Repr, Det 8	5010021	340.000	Ft
0650	Hand Patching	5010025	50.000	Ton
0660	HMA, 4E3	5010051	21,794.000	Ton
0670	HMA, 5E3	5010057	16,360.000	Ton
0680	HMA Approach	5010061	1,155.000	Ton
0690	HMA, Temp Pavt (5E3)	5010806	445.000	Ton
0700	_ Ride Incentive	5017060	74,328.000	Dlr

0710	Curb and Gutter, Conc, Det B2	8020016	324.000	Ft
0720	Detectable Warning Surface	8030010	40.000	Ft
0730	Sidewalk Ramp, Conc, 6 inch	8030036	645.000	Sft
0740	Sidewalk, Conc, 6 inch	8030046	400.000	Sft
0750	Curb Sloped, HMA	8050010	450.000	Ft
0760	Guardrail, Curved, Type B	8070010	38.000	Ft
0770	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0780	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0790	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0800	Guardrail Height, Adj	8070100	3,613.000	Ft
0810	Post, Steel, 3 lb	8100371	60.000	Ft
0820	Sign, Type IIIB	8100405	12.000	Sft
0830	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	24.000	Ft
0840	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,335.000	Ft
0850	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	54,465.000	Ft
0860	Pavt Mrkg, Waterborne, 6 inch, White	8110233	105,710.000	Ft
0870	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,335.000	Ft
0880	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	54,465.000	Ft
0890	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	105,710.000	Ft
0900	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0910	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0920	Recessing Pavt Mrkg, Longit	8110450	101,160.000	Ft
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0940	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0950	Culv, Temp	8120090	2.000	Ea
0960	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0970	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0980	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0990	Minor Traf Devices	8120170	1.000	LSUM
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
1010	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	32.000	Ft
1020	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,400.000	Ft
1030	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	3,045.000	Ft
1040	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	8,906.000	Ft
1050	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	44,006.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,400.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,045.000	Ft
1080	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
1090	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
1100	Sign Cover	8120310	2.000	Ea
1110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,650.000	Sft

1120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,650.000	Sft
1130	Traf Regulator Control	8120370	1.000	LSUM
1140	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
1150	Slope Restoration, Type A	8160100	3,740.000	Syd
1160	Slope Restoration, Type B	8160101	61,980.000	Syd
1170	Slope Restoration, Type C	8160102	1,400.000	Syd
1180	Monument Box Adjust	8210005	4.000	Ea
1190	Protect Corners	8210020	4.000	Ea
1200	Centerline Corrugations, Milled, HMA	8220013	46,285.000	Ft
1210	Contractor Staking, Road Only	8240007	1.000	LSUM
1220	Staking Plan Errors and Extras, One Person	8240020	35.000	Hr
1230	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr
1240	Staking Plan Errors and Extras, Three Person	8240022	21.000	Hr
1250	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 018

Letting Date: January 5, 2018

Contract ID: 82195-129387

Description: Rehabilitation of 7 structures including shallow deck patching repairs, healer/sealer to deck, replacement of expansion joints, substructure patching repairs and approach work at 7 locations in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129387A	1800134	N/A	IM 82195

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	7.000	Syd
0030	Sidewalk, Rem	2040055	43.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0050	Erosion Control, Silt Fence	2080036	400.000	Ft
0060	HMA Surface, Rem	5010005	33.000	Syd
0070	Pavt Joint and Crack Repr, Det 7	5010020	14.000	Ft
0080	Hand Patching	5010025	12.000	Ton
0090	_ Curb, Conc, Det F1, Modified	8027001	35.000	Ft
0100	Sidewalk, Conc, 4 inch	8030044	380.000	Sft
0110	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	4.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	4.000	Ea
0130	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,600.000	Ft
0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,500.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	500.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,500.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,500.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	400.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0230	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	3.000	Ea
0240	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0250	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0260	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	5.000	Ea
0270	Conc Barrier Reflector Replacement	8120070	30.000	Ea

0280	Conc Barrier, Temp, Adj	8120080	1,500.000	Ft
0290	Conc Barrier, Temp, Furn	8120081	2,000.000	Ft
0300	Conc Barrier, Temp, Oper	8120082	2,000.000	Ft
0310	Conc Barrier, Temp, Relocated	8120083	2,500.000	Ft
0320	High Intensity Light, Type B, Furn	8120110	6.000	Ea
0330	High Intensity Light, Type B, Oper	8120111	6.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0360	Ltg for Night Work	8120160	1.000	LSUM
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Mobile Attenuator	8120180	6.000	Ea
0390	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0440	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0460	Sign Cover	8120310	30.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,200.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,200.000	Sft
0510	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0520	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	15.000	Ea
0530	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	15.000	Ea
0540	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Section: 2

0580	_ Relocation and Site Cleanup	1077060	3,000.000	Dlr
0590	Structures, Rem Portions (S01 of 82195)	2040061	1.000	LSUM
0600	Conc, Grade D	7060010	42.000	Cyd
0610	Expansion Joint Device	7060050	174.000	Ft
0620	Expansion Joint Device, Cover Plate	7060051	40.000	Ft
0630	False Decking	7060060	20,650.000	Sft
0640	Reinforcement, Steel, Epoxy Coated	7060092	2,600.000	Lb
0650	_ Strip Seal Gland Replacement	7067001	103.000	Ft
0660	Conc Surface Coating (S08-2 of 82251)	7100010	1.000	LSUM

0670	Penetrating Healer/Sealer, Bridge Deck	7100025	5,477.000	Syd
0680	Hand Chipping, Shallow	7120003	13.000	Syd
0690	Hand Chipping, Other Than Deck	7120007	1,840.000	Cft
0700	Patch, Forming	7120017	5,945.000	Sft
0710	Bolt, Mechanical Expansion Anchored, 3/4 inch	7120051	12.000	Ea
0720	Structures, Rehabilitation, Rem Portions (S16 of 82251)	7120070	1.000	LSUM
0730	Deck Joint, Rem	7120071	174.000	Ft
0740	Flushing Cracks, Water	7120098	267.000	Ft
0750	Structural Crack, Repr	7120099	267.000	Ft
0760	Patching Conc, C-L	7120112	77.000	Cyd
0770	Embedded Galvanic Anode	7120120	3,229.000	Ea
0780	Beam Plate, Seal Perimeter	7130010	190.000	Ft
0790	Heat Straightening Steel (S01 of 82195)	7130040	1.000	LSUM
0800	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,555.000	Lb
0810	Support, Column, Temp	7130080	68.000	Ea
0820	_ Support, Temp, Special (S01 of 82195)	7137051	1.000	LSUM
0830	_ Support, Temp, Special (S16 of 82251)	7137051	1.000	LSUM
0840	Protective Shield, Utility Pipe	7150025	90.000	Ft
0850	Steel Structure, Cleaning, Partial, Type 4 (S01 of 82195)	7150047	1.000	LSUM
0860	Steel Structure, Cleaning, Partial, Type 4 (S16 of 82251)	7150047	1.000	LSUM
0870	Steel Structure, Coating, Partial, Type 4 (S01 of 82195)	7150048	1.000	LSUM
0880	Steel Structure, Coating, Partial, Type 4 (S16 of 82251)	7150048	1.000	LSUM
0890	_ Steel Structure, Cleaning, Partial, Metallizing (S08-1 of 82251)	7157051	1.000	LSUM
0900	_ Steel Structure, Coating, Partial, Metallizing (S08-1 of 82251)	7157051	1.000	LSUM
0910	Field Repair of Damaged Coating (S16 of 82251)	7160001	1.000	LSUM
0920	Riprap, Plain	8130010	3.000	Syd
0930	_ Slope Protection, Crack Repair	8137001	295.000	Ft
0940	_ Slope Protection, Replace	8137011	110.000	Syd
0950	Flowable Fill, Non-Structural	8260148	1.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 180105 019

Letting Date: January 5, 2018

Contract ID: 63103-200623

Description: Pump station rehabilitation on I-696 at I-75 in the city of Royal Oak, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200623A	1763052	N/A	ST 63103

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,600.00	1500001	1.000	LSUM
0020	_ Pump Station Special Coatings (D01 of 63103)	4057051	1.000	LSUM
0030	_ Motor, Rem and Refurbish (D01 of 63103)	8007050	1.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0130	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	1.000	Ea
0140	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	1.000	Ea
0150	_ Bowl Assembly	8507050	1.000	Ea
0160	_ Column	8507050	1.000	Ea
0170	_ Discharge Head	8507050	1.000	Ea
0180	_ Enclosing Tube Bearings	8507050	1.000	Ea
0190	_ Enclosing Tubes	8507050	1.000	Ea
0200	_ Head Shaft	8507050	1.000	Ea
0210	_ Impeller	8507050	1.000	Ea
0220	_ Intermediate Shaft	8507050	1.000	Ea
0230	_ Lineshaft Coupling	8507050	1.000	Ea
0240	_ Pump Inspection and General Maintenance	8507050	1.000	Ea
0250	_ Pump Shaft	8507050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180105 020

Letting Date: January 5, 2018

Contract ID: 57023-118265

Description: 0.21 mi of hot mix asphalt offset right-turn lane and passing flare, concrete, curb gutter, driveway and culverts and pavement markings on M-55 at Cadillac Road, Missaukee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
118265A	1800128	N/A	HSIP 57023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Curb and Gutter, Rem	2040020	400.000	Ft
0050	Pavt, Rem	2040050	90.000	Syd
0060	Excavation, Earth	2050016	1,320.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0080	_ Embankment, CIP, Special	2057021	1,170.000	Cyd
0090	Erosion Control, Silt Fence	2080036	200.000	Ft
0100	Aggregate Base, 6 inch	3020016	2,190.000	Syd
0110	Approach, CI I, 6 inch	3070008	1,250.000	Syd
0120	Approach, CI II	3070021	15.000	Ton
0130	Shoulder, CI II	3070121	85.000	Ton
0140	Culv End Sect, 15 inch	4010015	2.000	Ea
0150	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0160	Culv, CI A, CSP, 24 inch	4010202	8.000	Ft
0170	Culv, CI F, 15 inch	4010608	78.000	Ft
0180	Dr Marker Post	4011109	2.000	Ea
0190	HMA Surface, Rem	5010005	2,090.000	Syd
0200	HMA Quality Initiative	5010007	1,950.000	Dlr
0210	HMA, 3E1	5010044	310.000	Ton
0220	HMA, 4E1	5010050	265.000	Ton
0230	HMA Approach	5010061	400.000	Ton
0240	Driveway, Nonreinf Conc, 6 inch	8010005	139.000	Syd
0250	Curb and Gutter, Conc, Det B2	8020016	310.000	Ft
0260	Driveway Opening, Conc, Det M	8020050	90.000	Ft
0270	Post, Mailbox	8070095	1.000	Ea
0280	Delineator Reflector, Green	8100133	4.000	Ea

0290	Delineator Reflector, White	8100134	36.000	Ea
0300	Fdn, Wood Support, Rem	8100280	2.000	Ea
0310	Post, Rigid, Delineator	8100361	20.000	Ea
0320	Post, Steel, 3 lb	8100371	128.000	Ft
0330	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0350	Sign, Type III, Rem	8100403	7.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	200.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	300.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	640.000	Ft
0410	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,340.000	Ft
0420	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0460	Plastic Drum, High Intensity, Furn	8120250	62.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	62.000	Ea
0480	Sign Cover	8120310	2.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	458.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	458.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Riprap, Plain	8130010	30.000	Syd
0530	Paved Ditch, HMA	8140010	30.000	Syd
0540	Fertilizer, Chemical Nutrient, CI A	8160020	165.000	Lb
0550	Mulch Blanket	8160027	4,519.000	Syd
0560	Seeding, Mixture TDS	8160037	206.000	Lb
0570	Topsoil Surface, Salv, 3 inch	8160076	4,519.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180105 021

Letting Date: January 5, 2018

Contract ID: 20022-131796

Description: 3.32 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and culvert, sewer, drainage improvements and pavement markings on M-72 from Louies Landing Road east to Stephan Bridge Road, Crawford County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131796A	1800138	N/A	ST 20022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$190,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.220	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	286.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	39.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0080	Dr Structure, Rem	2030011	2.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0100	Curb and Gutter, Rem	2040020	367.000	Ft
0110	Pavt, Rem	2040050	587.000	Syd
0120	Excavation, Earth	2050016	9,890.000	Cyd
0130	_ Embankment, LM, Special	2057021	1,691.000	Cyd
0140	_ Fill, Lightweight, EPS Block	2067021	1,585.000	Cyd
0150	Obliterate Old Road	2070001	8.000	Sta
0160	Erosion Control, Check Dam, Stone	2080012	928.000	Ft
0170	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0190	Erosion Control, Sediment Trap	2080034	52.000	Ea
0200	Erosion Control, Silt Fence	2080036	1,570.000	Ft
0210	Subbase, CIP	3010002	1,200.000	Cyd
0220	Aggregate Base	3020001	1,547.000	Ton
0230	HMA Base Crushing and Shaping	3050002	39,133.000	Syd
0240	Material, Surplus and Unsuitable, Rem, LM	3050010	400.000	Cyd
0250	Salv Crushed Material, LM	3050015	266.000	Cyd
0260	_ HMA Base Crushing and Shaping, Modified	3057011	20,540.000	Syd
0270	Approach, CI I	3070001	593.000	Ton

0280	Approach, CI II	3070021	968.000	Ton
0290	Shoulder, CI II	3070121	179.000	Ton
0300	Shoulder, CI III, LM	3070143	3,441.000	Cyd
0310	Culv End Sect, 15 inch	4010015	55.000	Ea
0320	Culv End Sect, 18 inch	4010018	3.000	Ea
0330	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0340	Culv, CI A, Conc, 18 inch	4010167	16.000	Ft
0350	Culv, CI E, 15 inch	4010540	112.000	Ft
0360	Culv, CI E, 18 inch	4010541	152.000	Ft
0370	Culv, CI F, 15 inch	4010608	550.000	Ft
0380	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0390	Dr Marker Post	4011109	9.000	Ea
0400	Sewer, CI E, 18 inch, Tr Det B	4020602	90.000	Ft
0410	Video Taping Sewer and Culv Pipe	4021275	354.000	Ft
0420	Dr Structure Cover, Type J	4030045	1.000	Ea
0430	Dr Structure, 48 inch dia	4030210	1.000	Ea
0440	HMA Surface, Rem	5010005	2,474.000	Syd
0450	HMA Quality Initiative	5010007	26,360.000	Dlr
0460	Longitudinal Joint Density Quality Initiative	5010018	105,300.000	Dlr
0470	Hand Patching	5010025	47.000	Ton
0480	HMA, 4E1	5010050	12,233.000	Ton
0490	HMA Approach	5010061	900.000	Ton
0500	_ HMA, Temp Pavt (3E1)	5017031	425.000	Ton
0510	_ Ride Incentive	5017060	21,450.000	Dlr
0520	_ Conc Base Cse, Reinf, Modified	6027011	1,133.000	Syd
0530	_ High Performance Biaxial Geogrid	7007011	1,900.000	Syd
0540	Liner, PVC, 30 mil	7060209	1,400.000	Syd
0550	Curb and Gutter, Conc, Det B2	8020016	432.000	Ft
0560	Post, Mailbox	8070095	90.000	Ea
0570	Delineator Reflector, Green	8100133	4.000	Ea
0580	Delineator Reflector, White	8100134	240.000	Ea
0590	Fdn, Wood Support, Rem	8100280	10.000	Ea
0600	Delineator, Rem	8100349	6.000	Ea
0610	Post, Rigid, Delineator	8100361	124.000	Ea
0620	Post, Steel, 3 lb	8100371	264.000	Ft
0630	Post, Wood, 4 inch by 6 inch	8100380	140.000	Ft
0640	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0650	Sign, Type II, Rem	8100397	7.000	Ea
0660	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0670	Sign, Type III, Rem	8100403	17.000	Ea
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,800.000	Ft
0690	Pavt Mrkg, Waterborne, 6 inch, White	8110233	32,300.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,800.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	32,300.000	Ft
0720	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0730	Recessing Pavt Mrkg, Longit	8110450	39,100.000	Ft
0740	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0750	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0800	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	30.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,600.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	31,900.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,800.000	Ft
0840	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0860	PTS System, Temp, Furn	8120270	1.000	Ea
0870	PTS System, Temp, Oper	8120271	1.000	Ea
0880	Sign Cover	8120310	12.000	Ea
0890	Sign, Type B, Temp, Prismatic, Furn	8120350	829.000	Sft
0900	Sign, Type B, Temp, Prismatic, Oper	8120351	829.000	Sft
0910	Traf Regulator Control	8120370	1.000	LSUM
0920	Riprap, Plain	8130010	10.000	Syd
0930	Site Preparation, Max \$2,500.00	8150001	1.000	LSUM
0940	Picea abies, 4 foot	8152740	50.000	Ea
0950	Water, Sodding/Seeding	8160090	1.000	Unit
0960	Slope Restoration, Type A	8160100	30,000.000	Syd
0970	Slope Restoration, Type B	8160101	15,000.000	Syd
0980	Slope Restoration, Type C	8160102	500.000	Syd
0990	Slope Restoration, Type D	8160103	400.000	Syd
1000	Monument Box	8210001	15.000	Ea
1010	Monument Preservation	8210010	25.000	Ea
1020	Centerline Corrugations, Milled, HMA	8220013	16,900.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 022

Letting Date: January 5, 2018

Contract ID: 76000-133015

Description: 0.34 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, ADA ramps and storm sewer on East Oliver Street from Oak Street to Gould Street in the city of Owosso, Shiawassee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133015A	1800057	N/A	STUL 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$114,100.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Dr Structure, Rem	2030011	22.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	991.000	Ft
0060	_ Removal of Utility Facilities	2037001	200.000	Ft
0070	Curb and Gutter, Rem	2040020	3,810.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0090	Pavt, Rem	2040050	5,208.000	Syd
0100	Sidewalk, Rem	2040055	1,025.000	Syd
0110	Embankment, CIP	2050010	164.000	Cyd
0120	Excavation, Earth	2050016	3,250.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0160	Erosion Control, Silt Fence	2080036	200.000	Ft
0170	Subbase, CIP	3010002	388.000	Cyd
0180	_ Aggregate Base, 5 inch, Modified	3027011	1,055.000	Syd
0190	_ Aggregate Base, 8 inch, Modified	3027011	7,662.000	Syd
0200	Maintenance Gravel	3060020	500.000	Ton
0210	_ Approach, CI I, 8 inch, Modified	3077011	460.000	Syd
0220	Geotextile, Separator	3080005	8,688.000	Syd
0230	Sewer Tap, 10 inch	4021203	3.000	Ea
0240	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0250	_ Sewer, SDR-26, 12 inch, Tr Det B-Modified	4027001	961.000	Ft
0260	_ Sewer, SDR-26, 15 inch, Tr Det B-Modified	4027001	231.000	Ft
0270	_ Sump Pump Lead and Drain Tile Connection	4027001	100.000	Ft

0280	_ Sanitary Serv, Conflict	4027050	5.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0300	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0310	Dr Structure Cover, Type B	4030010	9.000	Ea
0320	Dr Structure Cover, Type K	4030050	20.000	Ea
0330	Dr Structure Cover, Type Q	4030065	8.000	Ea
0340	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0350	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0360	Dr Structure, Tap, 12 inch	4030312	8.000	Ea
0370	_ Dr Structure, Add Depth of 36 inch dia, 8 foot to 15 foot	4037001	1.000	Ft
0380	_ Dr Structure Collar, Modified	4037050	14.000	Ea
0390	_ Dr Structure Cover, Type DG	4037050	6.000	Ea
0400	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea
0410	_ Dr Structure, 36 inch dia, Modified	4037050	24.000	Ea
0420	_ Dr Structure, 48 inch dia, Modified	4037050	5.000	Ea
0430	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0440	HMA Surface, Rem	5010005	8,592.000	Syd
0450	HMA, 2C	5010030	573.000	Ton
0460	HMA Approach	5010061	453.000	Ton
0470	HMA, LVSP	5010703	764.000	Ton
0480	Driveway, Nonreinf Conc, 6 inch	8010005	425.000	Syd
0490	Curb and Gutter, Conc, Det F4	8020038	3,579.000	Ft
0500	Spillway, Conc	8020075	33.000	Ft
0510	Detectable Warning Surface	8030010	170.000	Ft
0520	Curb Ramp Opening, Conc	8030030	219.000	Ft
0530	Sidewalk Ramp, Conc, 6 inch	8030036	3,486.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	5,596.000	Sft
0550	Sidewalk, Conc, 6 inch	8030046	575.000	Sft
0560	Post, Steel, 3 lb	8100371	566.000	Ft
0570	Sign, Type III, Rem	8100403	44.000	Ea
0580	Sign, Type IIIA	8100404	105.000	Sft
0590	Sign, Type IIIB	8100405	42.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	733.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	171.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0630	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,501.000	Ft
0640	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,994.000	Ft
0650	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,501.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,994.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	34.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	34.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0700	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	148.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	148.000	Ft
0740	Plastic Drum, High Intensity, Furn	8120250	155.000	Ea
0750	Plastic Drum, High Intensity, Oper	8120251	155.000	Ea
0760	Sign Cover	8120310	12.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	524.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	524.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	121.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	121.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Pedestrian Type II Barricade, Temp	8127050	37.000	Ea
0830	_ Turf Establishment, Performance	8167011	4,500.000	Syd
0840	Monument Box	8210001	1.000	Ea
0850	Monument Preservation	8210010	1.000	Ea
0860	Hydrant, Rem	8230091	3.000	Ea
0870	Water Main, 4 inch, Cut and Plug	8230130	3.000	Ea
0880	Water Main, 6 inch, Cut and Plug	8230131	6.000	Ea
0890	Gate Box, Adj, Case 1	8230431	5.000	Ea
0900	Gate Box, Adj, Case 2	8230432	2.000	Ea
0910	_ Water Main, PVC, 4 inch, Tr Det G	8237001	71.000	Ft
0920	_ Water Main, PVC, 6 inch, Tr Det G	8237001	124.000	Ft
0930	_ Water Main, PVC, 8 inch, Bore	8237001	1,026.000	Ft
0940	_ Water Main, PVC, 8 inch, Tr Det G	8237001	633.000	Ft
0950	_ Gate Valve and Box, 8 inch, Modified	8237050	13.000	Ea
0960	_ Hydrant, Complete, 6 inch	8237050	4.000	Ea
0970	_ Valve Box, Rem	8237050	13.000	Ea
0980	_ Water Meter Pit, Rem	8237050	7.000	Ea
0990	_ Water Serv, Long, Modified	8237050	12.000	Ea
1000	_ Water Serv, Modified	8237050	6.000	Ea
1010	_ Reimbursed Permit Fees	8267060	155.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180105 023

Letting Date: January 5, 2018

Contract ID: 24000-129318

Description: Bridge deck repair, joint replacement, concrete beam repairs, concrete curb, gutter and sidewalk, drainage, placing riprap, approach work and guardrail on Bridge Street over Bear River in the city of Petoskey, Emmet County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129318A	N/A	N/A	MCS 24000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0050	Curb and Gutter, Rem	2040020	165.000	Ft
0060	Guardrail, Rem	2040035	247.000	Ft
0070	Sidewalk, Rem	2040055	43.000	Syd
0080	Excavation, Earth	2050016	210.000	Cyd
0090	Erosion Control, Silt Fence	2080036	455.000	Ft
0100	Subbase, CIP	3010002	7.000	Cyd
0110	Aggregate Base	3020001	305.000	Ton
0120	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0130	Dr Structure, Cleaning	4030290	2.000	Ea
0140	Underdrain, Fdn, 4 inch	4040031	156.000	Ft
0150	Underdrain Outlet, 4 inch	4040091	135.000	Ft
0160	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0170	HMA Surface, Rem	5010005	260.000	Syd
0180	HMA Approach	5010061	18.000	Ton
0190	Joint, Expansion, E3	6020208	75.000	Ft
0200	Conc Pavt, Bridge Approach, Reinf	6020600	140.000	Syd
0210	Bridge Ltg, Furn and Rem Structure #129318	7060001	1.000	LSUM
0220	Bridge Ltg, Oper and Maintain	7060002	13.000	Cyd
0230	_ Curb and Gutter, Conc, City Det	8027001	165.000	Ft
0240	Detectable Warning Surface	8030010	6.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	60.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	400.000	Sft
0270	Guardrail, Type B	8070000	25.000	Ft

0280	Guardrail, Curved, Type B	8070010	25.000	Ft
0290	Guardrail, Curved, Type T	8070011	13.000	Ft
0300	Guardrail Anch, Bridge, Det T3	8070024	3.000	Ea
0310	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0320	Guardrail Anchored in Backslope, Type 4B	8070036	1.000	Ea
0330	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0340	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0440	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0450	Slope Restoration, Type A	8160100	125.000	Syd

Section: 2

0460	Backfill, Structure, CIP	2060002	20.000	Cyd
0470	Erosion Control, Turbidity Curtain, Shallow	2080044	150.000	Ft
0480	Joint, Contraction, Cp	6020200	68.000	Ft
0490	Conc, Grade D	7060010	10.000	Cyd
0500	Expansion Joint Device	7060050	79.000	Ft
0510	Expansion Joint Device, Cover Plate	7060051	10.000	Ft
0520	False Decking	7060060	960.000	Sft
0530	Reinforcement, Steel, Epoxy Coated	7060092	6,409.000	Lb
0540	Water Repellent Treatment, Penetrating	7060140	1,000.000	Syd
0550	Bearing, Elastomeric, 1 inch	7070012	3,520.000	Sin
0560	Joint Waterproofing	7100001	158.000	Sft
0570	Conc Surface Coating	7100011	600.000	Syd
0580	Hand Chipping, Deep	7120004	15.000	Syd
0590	Hand Chipping, Other Than Deck	7120007	400.000	Cft
0600	Patch, Forming	7120017	1,050.000	Sft
0610	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	90.000	Ea
0620	Deck Joint, Rem	7120071	77.000	Ft
0630	Reinforcement, Mechanical Splice	7120084	50.000	Ea
0640	Structural Crack, Repr	7120099	1,500.000	Ft
0650	Patching Conc, C-L	7120112	20.000	Cyd
0660	Patching Conc, F-L	7120114	3.000	Cyd
0670	Embedded Galvanic Anode	7120120	125.000	Ea
0680	Support, Column, Temp	7130080	20.000	Ea

0690	Riprap, Heavy	8130005	170.000	Syd
0700	_ Riprap, Special	8137011	225.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180105 024

Letting Date: January 5, 2018

Contract ID: 25000-130646

Description: 0.58 mi of hot mix asphalt cold milling and resurfacing, pavement removal, aggregate base, concrete pavement repairs and concrete curb and gutter on Coldwater Road from Saginaw Street to Harry Street, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130646A	1800066	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$99,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0040	Curb and Gutter, Rem	2040020	126.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	Sidewalk, Rem	2040055	140.000	Syd
0070	Structures, Rem Portions	2040061	1.000	LSUM
0080	_ Pavt, Rem, Modified	2047011	7,000.000	Syd
0090	Embankment, CIP	2050010	900.000	Cyd
0100	Excavation, Earth	2050016	800.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0120	_ Subgrade Undercutting, Type II, Modified	2057021	300.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0140	Erosion Control, Silt Fence	2080036	150.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	_ Aggregate Base, Modified	3027031	1,155.000	Ton
0170	_ Maintenance Gravel, Modified	3067031	250.000	Ton
0180	Geotextile, Stabilization	3080010	700.000	Syd
0190	Sewer, CI III, 12 inch, Tr Det B	4020866	6.000	Ft
0200	Dr Structure Cover, Type B	4030010	5.000	Ea
0210	Dr Structure Cover, Type D	4030025	1.000	Ea
0220	Dr Structure Cover, Type G	4030040	4.000	Ea
0230	Dr Structure Cover, Type K	4030050	16.000	Ea
0240	Dr Structure, 48 inch dia	4030210	5.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0260	_ Dr Structure, Reconstruct, Add Depth, Special	4037001	5.000	Ft
0270	_ Adjust Sanitary Sewer Manhole, Special	4037050	16.000	Ea

0280	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	17.000	Ea
0290	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	4.000	Ea
0300	Underdrain, Subgrade, 4 inch	4040071	4,885.000	Ft
0310	HMA Surface, Rem	5010005	10,000.000	Syd
0320	Pavt Joint and Crack Repr, Det 7	5010020	8,460.000	Ft
0330	Pavt Joint and Crack Repr, Det 8	5010021	1,050.000	Ft
0340	Hand Patching	5010025	900.000	Ton
0350	HMA, 2C	5010030	235.000	Ton
0360	HMA, 4C	5010032	1,790.000	Ton
0370	HMA Approach	5010061	275.000	Ton
0380	Conc Base Cse, Nonreinf, 9 inch	6020021	1,002.000	Syd
0390	Joint, Contraction, Cp	6020200	200.000	Ft
0400	Joint, Contraction, Crg	6030020	300.000	Ft
0410	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0420	Pavt Repr, Rem	6030080	1,477.000	Syd
0430	_ Driveway, Nonreinf Conc, 5 inch, Modified	8017011	137.000	Syd
0440	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	178.000	Syd
0450	Curb and Gutter, Conc, Det F4	8020038	641.000	Ft
0460	_ Driveway Opening, Conc, Det M, Modified	8027001	969.000	Ft
0470	_ Curb and Gutter, Conc, Det F4, Modified	8027001	4,245.000	Ft
0480	Sidewalk, Conc, 4 inch	8030044	80.000	Sft
0490	Post, Mailbox	8070095	17.000	Ea
0500	Fence, Moving	8080120	10.000	Ft
0510	Post, Steel, 3 lb	8100371	812.000	Ft
0520	Sign, Type III, Rem	8100403	19.000	Ea
0530	Sign, Type IIIA	8100404	275.000	Sft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	105.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0570	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,800.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,728.000	Ft
0590	Pavt Mrkg, Waterborne, 12 inch, White	8110237	490.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,800.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,728.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	490.000	Ft
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,106.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	600.000	Ft

0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,600.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	600.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	300.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0750	Sign Cover	8120310	5.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	917.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	917.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	151.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	151.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	_ Slope Restoration, Modified	8167011	2,065.000	Syd
0820	_ Monument Box, Special	8217050	1.000	Ea
0830	_ Monument Preservation, Special	8217050	1.000	Ea
0840	Gate Box, Reconst, Case 1	8230411	1.000	Ea
0850	Gate Box, Reconst, Case 2	8230412	1.000	Ea
0860	Gate Box, Adj, Case 1	8230431	1.000	Ea
0870	Gate Box, Adj, Case 2	8230432	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180105 025

Letting Date: January 5, 2018

Contract ID: 82000-200028

Description: 0.96 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, ADA ramps, signing and pavement markings on Haggerty Road from Tyler Road to Ecorse Road, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200028A	1800101	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$89,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	18.000	Ft
0030	Sidewalk, Rem	2040055	25.000	Syd
0040	_ Misc Culvert Cleanout	2047001	1,240.000	Ft
0050	_ Misc Pavt, Rem, Patching	2047011	1,836.000	Syd
0060	_ Misc Obstruction, Rem	2047021	2.000	Cyd
0070	_ Ditch Cleanout, Modified	2057002	15.000	Sta
0080	_ Embankment, CIP, Modified	2057021	56.000	Cyd
0090	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0120	Erosion Control, Silt Fence	2080036	500.000	Ft
0130	_ Misc Erosion Control, Stone Filter at Structure	2087050	3.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Aggregate Base, 6 inch, Modified	3027011	160.000	Syd
0160	_ Aggregate Base, 9 inch, Modified	3027011	177.000	Syd
0170	_ Shoulder, CI I, 5 inch, Modified	3077011	68.000	Syd
0180	Culv End Sect, 12 inch	4010012	2.000	Ea
0190	Culv, CI A, 12 inch	4010131	16.000	Ft
0200	Dr Structure, Cleaning	4030290	4.000	Ea
0210	Dr Structure, Temp Lowering	4030390	1.000	Ea
0220	_ Misc Structure Reconstruct	4037001	4.000	Ft
0230	_ Misc Structure Cover, Adj	4037050	10.000	Ea
0240	_ Misc Structure Cover, Adj, Furn Cover C	4037050	1.000	Ea
0250	_ Misc Structure Cover, Adj, Furn Cover S	4037050	1.000	Ea
0260	Pavt, Cleaning	5010001	1.000	LSUM
0270	Cold Milling HMA Surface	5010002	24,700.000	Syd

0280	Pavt Joint and Crack Repr, Det 8	5010021	150.000	Ft
0290	Hand Patching	5010025	50.000	Ton
0300	HMA, 4E10	5010052	3,022.000	Ton
0310	HMA, 5E3	5010057	6.000	Ton
0320	HMA, 5E10	5010058	2,271.000	Ton
0330	HMA Approach	5010061	38.000	Ton
0340	_ Misc Bit Mixture for Patching, Temp	5017031	30.000	Ton
0350	_ Misc Conditioning Existing Pavement	5017031	409.000	Ton
0360	Joint, Contraction, Cp	6020200	734.000	Ft
0370	Joint, Expansion, E2	6020207	110.000	Ft
0380	Lane Tie, Epoxy Anchored	6030030	20.000	Ea
0390	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,836.000	Syd
0400	_ Misc Conc Curb Cap	8027001	27.000	Ft
0410	_ Misc Conc Curb Cap, Patching	8027001	237.000	Ft
0420	Detectable Warning Surface	8030010	10.000	Ft
0430	Curb Ramp Opening, Conc	8030030	18.000	Ft
0440	Sidewalk Ramp, Conc, 4 inch	8030034	224.000	Sft
0450	_ Misc Field Office	8097043	2.000	Mo
0460	_ Misc Sign, Type B, Perm	8107010	151.000	Sft
0470	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	225.000	Ft
0480	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	140.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	110.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,100.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,200.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	25.000	Ft
0580	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	500.000	Ft
0590	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	850.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	850.000	Ft
0620	Plastic Drum, High Intensity, Furn	8120250	325.000	Ea
0630	Plastic Drum, High Intensity, Oper	8120251	325.000	Ea
0640	Sign Cover	8120310	6.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	645.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	645.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0700	Topsoil Surface, Furn, 2 inch	8160060	3,500.000	Syd

0710	Water, Sodding/Seeding	8160090	102.000	Unit
0720	_ Misc Seeding, Mixture THM	8167011	4,853.000	Syd
0730	_ Misc Turf Grading	8167011	3,500.000	Syd
0740	Monument Box Adjust	8210005	1.000	Ea
0750	Monument Preservation	8210010	1.000	Ea
0760	Monument Preservation, Vertical	8210015	1.000	Ea
0770	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea



12/8/2017 9:39 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 026

Letting Date: January 5, 2018

Contract ID: 81000-200284

Description: 11.14 mi of hot mix asphalt surfacing, tree removal, culvert replacement and guardrail on Mast Road from North Territorial Road to Strawberry Lake Road, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200284A	1800136	N/A	HRRR 81000
200509A	1800093	N/A	HSIP 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,000	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	50.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	72.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	13.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	349.000	Ea
0060	_ Tree Trimming	2027050	105.000	Ea
0070	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0080	Guardrail, Rem	2040035	100.000	Ft
0090	Structures, Rem	2040060	1.000	LSUM
0100	Embankment, CIP	2050010	2,920.000	Cyd
0110	Excavation, Earth	2050016	240.000	Cyd
0120	Backfill, Structure, CIP	2060002	1,250.000	Cyd
0130	Excavation, Fdn	2060010	1,370.000	Cyd
0140	Erosion Control, Silt Fence	2080036	1,550.000	Ft
0150	_ Aggregate Base, 6 inch, Modified	3027011	3,600.000	Syd
0160	_ Shoulder, CI II, 6 inch, Modified	3077011	470.000	Syd
0170	Culv Bedding, Box Culv	4060005	188.000	Cyd
0180	Culv, Precast Conc Box, 6 foot by 6 foot	4060108	50.000	Ft
0190	_ Culv, Precast Conc Box, 24 foot by 10 foot	4067001	60.000	Ft
0200	HMA Surface, Rem	5010005	2,120.000	Syd
0210	HMA, 4E1	5010050	559.000	Ton
0220	HMA, 5E1	5010056	279.000	Ton
0230	Guardrail, Type B	8070000	125.000	Ft
0240	Guardrail, Backed, Det G1	8070015	2.000	Ea
0250	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0260	Guardrail Approach Terminal, Type 2B	8070042	8.000	Ea

0270	Guardrail Reflector	8070080	42.000	Ea
0280	_ Guardrail, Type B, 8 Ft Posts, Modified	8077001	650.000	Ft
0290	Sign, Type III, Rem	8100403	10.000	Ea
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	30.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,590.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,590.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,590.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,590.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0370	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0380	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0390	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0400	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea
0440	Sign Cover	8120310	123.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	562.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	562.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	141.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	141.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0510	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0520	_ Riprap, Plain, Modified	8137011	15.000	Syd
0530	_ Turf Establishment, Performance	8167011	3,780.000	Syd
0540	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180105 027

Letting Date: January 5, 2018

Contract ID: 82000-200057

Description: 0.49 mi of hot mix asphalt resurfacing, concrete pavement repairs, concrete pavement, ADA ramps, signing and pavement markings on Stark Road from Schoolcraft Road to Lyndon Street in the city of Livonia, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200057A	1800058	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	800.000	Dlr
0020	Mobilization, Max \$55,200.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	60.000	Ft
0040	Sidewalk, Rem	2040055	372.000	Syd
0050	_ Pavt, Rem, Modified	2047011	2,832.000	Syd
0060	_ Exploratory Excavation	2047050	10.000	Ea
0070	Embankment, CIP	2050010	84.000	Cyd
0080	Excavation, Earth	2050016	860.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0100	_ Subgrade Undercutting, Type II, Modified	2057021	50.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0120	Erosion Control, Silt Fence	2080036	870.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	_ Misc Agg Base, 9 inch	3067011	2,523.000	Syd
0150	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0160	Dr Structure Cover, Type D	4030025	8.000	Ea
0170	Dr Structure Cover, Type Q	4030065	6.000	Ea
0180	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0190	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0200	_ Sanitary Structure Cover, Adj, Case 1	4037050	6.000	Ea
0210	_ Water Structure Cover, Adj, Case 1	4037050	4.000	Ea
0220	_ Underdrain, Subgrade, 6 inch, Modified	4047001	1,003.000	Ft
0230	Cold Milling HMA Surface	5010002	38.000	Syd
0240	HMA Surface, Rem	5010005	40.000	Syd
0250	Pavt for Butt Joints, Rem	5010008	427.000	Syd
0260	Pavt Joint and Crack Repr, Det 7	5010020	2,100.000	Ft
0270	Hand Patching	5010025	105.000	Ton

0280	HMA, 4E1	5010050	1,018.000	Ton
0290	HMA, 5E1	5010056	764.000	Ton
0300	HMA Approach	5010061	60.000	Ton
0310	_ Misc Preparing Pavt	5017001	2,133.000	Ft
0320	Joint, Contraction, Cp	6020200	950.000	Ft
0330	Joint, Expansion, E2	6020207	62.000	Ft
0340	Joint, Contraction Cp, Intersection	6020250	416.000	Ft
0350	_ Misc Conc Pavt, Nonreinf, ISC-3, 9 inch	6027011	2,219.000	Syd
0360	Cold Milling Conc Pavt	6030014	3,109.000	Syd
0370	Joint, Contraction, Crg	6030020	1,393.000	Ft
0380	Joint, Expansion, Erg	6030021	72.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	212.000	Ea
0400	_ Pavt Repr, With or Without Curb, Nonreinf Conc, 9 inch	6037011	420.000	Syd
0410	_ Driveway, Nonreinf Conc, ISC-3, 8 inch	8017011	113.000	Syd
0420	Driveway Opening, Conc, Det M	8020050	84.000	Ft
0430	Detectable Warning Surface	8030010	57.000	Ft
0440	Curb Ramp Opening, Conc	8030030	63.000	Ft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	515.000	Sft
0460	Sidewalk, Conc, 4 inch	8030044	3,123.000	Sft
0470	Post, Steel, 3 lb	8100371	440.000	Ft
0480	Sign, Type III, Rem	8100403	42.000	Ea
0490	Sign, Type IIIA	8100404	18.000	Sft
0500	Sign, Type IIIB	8100405	177.000	Sft
0510	Sign, Type V, Rem	8100421	2.000	Ea
0520	Sign, Type VB	8100425	16.000	Sft
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
0540	_ Post, Street Sign	8107001	42.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	230.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	100.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	14.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	151.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,825.000	Ft
0620	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,810.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	151.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,825.000	Ft
0650	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,810.000	Ft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0680	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0690	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	700.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,170.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	440.000	Ft
0740	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0750	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	12.000	Ft
0770	Sign Cover	8120310	3.000	Ea
0780	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0790	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0800	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0810	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	763.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	763.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	33.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	33.000	Sft
0860	_ Aggregate for Maintaining Local Traffic	8127031	25.000	Ton
0870	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0880	_ Surface Restoration, Seeding	8167011	620.000	Syd
0890	_ Surface Restoration, Sodding	8167011	100.000	Syd
0900	_ Dust Control	8507002	26.000	Sta
0910	_ Maintaining Water Sprinkler System	8507050	8.000	Ea
0920	_ Misc Audio-Video Route Survey	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180105 028

Letting Date: January 5, 2018

Contract ID: 50000-130515

Description: 0.33 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and sidewalk, culverts, drainage, sewer, guardrail, signing and pavement markings on Bordman Road from Cole Street east to the east city limits of Memphis, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130515A	1800054	N/A	STL 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	76.000	Ft
0090	Pavt, Rem	2040050	169.000	Syd
0100	Sidewalk, Rem	2040055	154.000	Syd
0110	Embankment, CIP	2050010	1,250.000	Cyd
0120	Excavation, Earth	2050016	1,005.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0160	Erosion Control, Silt Fence	2080036	1,880.000	Ft
0170	Aggregate Base, LM	3020002	170.000	Cyd
0180	Aggregate Base, 4 inch	3020010	626.000	Syd
0190	HMA Base Crushing and Shaping	3050002	4,431.000	Syd
0200	Maintenance Gravel, LM	3060021	120.000	Cyd
0210	Shoulder, CI I, 4 inch	3070106	1,210.000	Syd
0220	Trenching	3070200	29.000	Sta
0230	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0240	Culv End Sect, Conc, 21 inch	4010050	1.000	Ea
0250	Culv End Sect, Metal, 36 inch	4010100	2.000	Ea
0260	Culv, CI A, CSP, 36 inch	4010204	60.000	Ft
0270	Sewer, CI IV, 12 inch, Tr Det A	4020960	184.000	Ft

0280	Sewer, CI IV, 18 inch, Tr Det A	4020962	46.000	Ft
0290	Sewer Tap, 12 inch	4021204	1.000	Ea
0300	Sewer Tap, 18 inch	4021206	1.000	Ea
0310	Sewer Bulkhead, 21 inch	4021233	1.000	Ea
0320	_ Force Main, DI, 6 inch, Tr Det A	4027001	15.000	Ft
0330	_ Sewer, CI IV, 21 inch, Tr Det B	4027001	540.000	Ft
0340	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0350	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0360	Dr Structure Cover, Type B	4030010	3.000	Ea
0370	Dr Structure Cover, Type K	4030050	9.000	Ea
0380	Dr Structure, 24 inch dia	4030200	5.000	Ea
0390	Dr Structure, 48 inch dia	4030210	4.000	Ea
0400	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	16.000	Ft
0410	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
0420	_ Dr Structure, 36 inch dia	4037050	3.000	Ea
0430	Underdrain, Subgrade, 6 inch	4040073	1,708.000	Ft
0440	HMA, 3C	5010031	535.000	Ton
0450	HMA, 4C	5010032	402.000	Ton
0460	Driveway, Nonreinf Conc, 6 inch	8010005	240.000	Syd
0470	Curb and Gutter, Conc, Det F4	8020038	1,708.000	Ft
0480	Detectable Warning Surface	8030010	10.000	Ft
0490	Sidewalk Ramp, Conc, 6 inch	8030036	58.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	1,587.000	Sft
0510	Sidewalk, Conc, 6 inch	8030046	130.000	Sft
0520	Guardrail, Type B	8070000	488.000	Ft
0530	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0540	Guardrail Reflector	8070080	15.000	Ea
0550	Post, Mailbox	8070095	2.000	Ea
0560	Post, Steel, 3 lb	8100371	308.000	Ft
0570	Sign, Type III, Rem	8100403	13.000	Ea
0580	Sign, Type IIIA	8100404	25.000	Sft
0590	Sign, Type IIIB	8100405	58.000	Sft
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,816.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,516.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,816.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,516.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0660	Dust Palliative, Applied	8120100	18.000	Ton
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0690	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea

0700	Sign, Type B, Temp, Prismatic, Furn	8120350	286.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	286.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	25.000	Sft
0730	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	25.000	Sft
0740	Riprap, Plain	8130010	76.000	Syd
0750	_ Slope Restoration, Modified	8167011	6,600.000	Syd
0760	Gate Box, Adj, Case 1	8230431	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180105 029

Letting Date: January 5, 2018

Contract ID: 11014-131572

Description: 3.16 mi of hot mix asphalt cold milling and overlay on I-94 from M-239 to Kruger Road, Berrien County.
This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131572A	1800133	N/A	IM 11014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	3,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	7,500.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	3,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	10,500.000	Dlr
0060	Mobilization, Max \$349,700.00	1500001	1.000	LSUM
0070	Machine Grading	2050030	790.000	Sta
0080	_ Shoulder, CI II, 2 inch	3077011	8,770.000	Syd
0090	Cold Milling HMA Surface	5010002	226,830.000	Syd
0100	HMA Quality Initiative	5010007	52,490.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	154,280.000	Dlr
0120	Hand Patching	5010025	400.000	Ton
0130	HMA, 4E3	5010051	7,186.000	Ton
0140	HMA Approach	5010061	39.000	Ton
0150	_ HMA Mixture Gap-Graded Superpave(1/2 inch Nominal Max)	5017031	18,620.000	Ton
0160	Cold Milling Conc Pavt	6030014	434.000	Syd
0170	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	1,000.000	Ft
0180	Delineator Reflector, Yellow	8100132	20.000	Ea
0190	Delineator Reflector, White	8100134	20.000	Ea
0200	Post, Rigid, Delineator	8100361	40.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Recessing Pavt Mrkg, Longit	8110450	95,000.000	Ft
0240	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	17,500.000	Ft
0250	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	43,900.000	Ft
0260	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	6,000.000	Ft
0270	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	43,700.000	Ft

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0320	Ltg for Night Work	8120160	1.000	LSUM
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	78,000.000	Ft
0350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	78,000.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	39,000.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	45,000.000	Ft
0390	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0410	Sign Cover	8120310	20.000	Ea
0420	Sign Cover, Type 1	8120320	5.000	Ea
0430	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0440	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	1,096.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	1,096.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	672.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	672.000	Sft
0490	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Furn	8127050	6.000	Ea
0500	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Oper	8127050	6.000	Ea
0510	Monument Box	8210001	5.000	Ea
0520	Monument Box Adjust	8210005	5.000	Ea
0530	Monument Preservation	8210010	5.000	Ea
0540	Monument Preservation, Vertical	8210015	5.000	Ea
0550	Protect Corners	8210020	5.000	Ea
0560	Shoulder Corrugations, Ground or Cut, HMA	8220001	62,190.000	Ft
0570	Contractor Staking, Road Only	8240007	1.000	LSUM
0580	Staking Plan Errors and Extras, One Person	8240020	29.000	Hr
0590	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
0600	Staking Plan Errors and Extras, Three Person	8240022	18.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180105 030

Letting Date: January 5, 2018

Contract ID: 52041-131822

Description: 4.23 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, guardrail, shoulder corrugations and pavement markings on US-41/M-28 from Westwood Drive easterly to Water Street in the cities of Ishpeming and Negaunee, Marquette County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131822A	1800157	N/A	NH 52041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$161,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	920.000	Ft
0030	Embankment, LM	2050011	75.000	Cyd
0040	Aggregate Base, Conditioning	3020050	820.000	Syd
0050	Approach, CI II	3070021	50.000	Ton
0060	Shoulder, CI II	3070121	600.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0080	Dr Structure Cover, Type J	4030045	2.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0100	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	48,210.000	Syd
0120	HMA Surface, Rem	5010005	512.000	Syd
0130	HMA Quality Initiative	5010007	33,318.000	Dlr
0140	Pavt for Butt Joints, Rem	5010008	5,710.000	Syd
0150	Longitudinal Joint Density Quality Initiative	5010018	136,540.000	Dlr
0160	Pavt Joint and Crack Repr, Det 7	5010020	4,800.000	Ft
0170	Pavt Joint and Crack Repr, Det 8	5010021	700.000	Ft
0180	Hand Patching	5010025	400.000	Ton
0190	HMA, 5E3	5010057	12,815.000	Ton
0200	HMA Approach	5010061	265.000	Ton
0210	HMA, LVSP	5010703	3,179.000	Ton
0220	Curb and Gutter, Conc, Det B2	8020016	920.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,340.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	60,610.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	37,760.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,340.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	60,610.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	37,760.000	Ft
0290	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0300	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	18.000	Ea
0310	Pavt Mrkg, Polyurea, Only	8110410	8.000	Ea
0320	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0330	Recessing Pavt Mrkg, Longit	8110450	104,710.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0360	Channelizing Device, 42 inch, Furn	8120030	550.000	Ea
0370	Channelizing Device, 42 inch, Oper	8120031	550.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,200.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,600.000	Ft
0430	Sign Cover	8120310	12.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	1,592.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	1,592.000	Sft
0460	Monument Box	8210001	7.000	Ea
0470	Monument Box Adjust	8210005	1.000	Ea
0480	Protect Corners	8210020	1.000	Ea
0490	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	32,000.000	Ft
0500	Gate Box, Adj, Case 1	8230431	2.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 031

Letting Date: January 5, 2018

Contract ID: 14051-112356

Description: 0.12 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and driveway, storm sewer, ditching, guardrail and pavement markings on M-40 along Bair Lake south of M-60, Cass County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112356A	1800141	N/A	ST 14051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0070	Dr Structure, Rem	2030011	3.000	Ea
0080	Guardrail, Rem	2040035	539.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0100	Pavt, Rem	2040050	8.000	Syd
0110	Exploratory Investigation, Vertical	2040080	100.000	Ft
0120	Embankment, CIP	2050010	103.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0140	_ Ditching	2057001	651.000	Ft
0150	Erosion Control, Check Dam, Stone	2080012	42.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	9.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0190	Erosion Control, Sand Bag	2080028	20.000	Ea
0200	Erosion Control, Silt Fence	2080036	1,600.000	Ft
0210	Erosion Control, Turbidity Curtain, Shallow	2080044	20.000	Ft
0220	Subbase, CIP	3010002	48.000	Cyd
0230	Approach, CI I, 6 inch	3070008	32.000	Syd
0240	Approach, CI II, 6 inch	3070028	30.000	Syd
0250	Shoulder, CI II	3070121	21.000	Ton
0260	Trenching	3070200	13.000	Sta
0270	Culv, Downspout, 15 inch	4010796	36.000	Ft

0280	Outfall Label	4011115	1.000	Ea
0290	Sewer, Cl A, 12 inch, Tr Det B	4020033	576.000	Ft
0300	Sewer, Cl A, 15 inch, Tr Det B	4020034	37.000	Ft
0310	Sewer, Cl A, 24 inch, Tr Det B	4020036	21.000	Ft
0320	Sewer, Cl E, 12 inch, Tr Det B	4020600	154.000	Ft
0330	Trench Undercut and Backfill	4021260	30.000	Cyd
0340	Video Taping Sewer and Culv Pipe	4021275	824.000	Ft
0350	Dr Structure Cover, Type B	4030010	1.000	Ea
0360	Dr Structure Cover, Type C	4030015	5.000	Ea
0370	Dr Structure Cover, Type G	4030040	8.000	Ea
0380	Dr Structure Cover, Type V	4030085	2.000	Ea
0390	Dr Structure, 24 inch dia	4030200	6.000	Ea
0400	Dr Structure, 48 inch dia	4030210	10.000	Ea
0410	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft
0420	Cold Milling HMA Surface	5010003	241.000	Ton
0430	HMA Surface, Rem	5010005	454.000	Syd
0440	Hand Patching	5010025	153.000	Ton
0450	HMA Approach	5010061	242.000	Ton
0460	Conc Base Cse, Nonreinf, 10 inch	6020023	67.000	Syd
0470	Conc, Grade S2	7060011	2.000	Cyd
0480	Reinforcement, Steel, Culv and Headwall	7060091	65.000	Lb
0490	Driveway, Nonreinf Conc, 8 inch	8010007	108.000	Syd
0500	Curb and Gutter, Conc, Det D2	8020031	591.000	Ft
0510	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0520	Curb Sloped, HMA	8050010	78.000	Ft
0530	Guardrail, Type MGS-8	8070004	176.000	Ft
0540	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0550	Guardrail Reflector	8070080	38.000	Ea
0560	Post, Mailbox	8070095	5.000	Ea
0570	Post, Steel, 3 lb	8100371	16.000	Ft
0580	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0590	Sign, Type III, Rem	8100403	2.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,621.000	Ft
0610	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,621.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,621.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,621.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0660	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0670	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Sign Cover	8120310	6.000	Ea
0700	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea

0710	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	1,310.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	1,310.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	340.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	340.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	_ Riprap, Special, Class I	8137031	8.000	Ton
0780	_ Riprap, Special, Class II	8137031	165.000	Ton
0790	_ Riprap, Special, Class III	8137031	53.000	Ton
0800	Mulch Blanket, High Velocity	8160028	2,400.000	Syd
0810	_ Turf Establishment, Performance	8167011	3,000.000	Syd
0820	Contractor Staking, Road Only	8240007	1.000	LSUM
0830	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0840	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0850	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0860	Flowable Fill, Non-Structural	8260148	7.000	Cyd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 032

Letting Date: January 5, 2018

Contract ID: 05011-131795

Description: 2.18 mi of hot mix asphalt micro-cold milling, ultra-thin resurfacing, centerline corrugations and pavement markings on US-31 from south of Sunset Shores Drive to the Elk River Bridge in the village of Elk Rapids, Antrim County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131795A	1800156	N/A	NH 5011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,900.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0030	Shoulder, CI II	3070121	45.000	Ton
0040	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	37,700.000	Syd
0050	HMA, Ultra-Thin, Low Volume, Warranty	5040100	39,600.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,200.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,400.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,200.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,400.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
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	Sign Cover	8120310	12.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	544.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	544.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	Centerline Corrugations, Milled, HMA	8220013	3,920.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 033

Letting Date: January 5, 2018

Contract ID: 64022-128604

Description: Replacement of existing corrugated metal pipe with a precast concrete box culvert and approach work on M-20 over Gillon Lake Drain, Oceana County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128604A	1800149	N/A	ST 64022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,400.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	665.000	Cyd
0030	_ Embankment, CIP, Special	2057021	730.000	Cyd
0040	Erosion Control, Silt Fence	2080036	900.000	Ft
0050	Subbase, CIP	3010002	245.000	Cyd
0060	Aggregate Base, 6 inch	3020016	530.000	Syd
0070	Shoulder, CI II, 6 inch	3070128	120.000	Syd
0080	HMA Surface, Rem	5010005	420.000	Syd
0090	HMA Approach	5010061	110.000	Ton
0100	Guardrail, Type MGS-8	8070004	288.000	Ft
0110	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0120	Guardrail, Salv	8070075	384.000	Ft
0130	Guardrail Reflector	8070080	20.000	Ea
0140	Delineator Reflector, Green	8100133	4.000	Ea
0150	Delineator, Rem	8100349	7.000	Ea
0160	Post, Rigid, Delineator	8100361	4.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	50.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	50.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	400.000	Ft
0210	Recessing Pavt Mrkg, Longit	8110450	450.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	535.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	535.000	Sft
0290	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0300	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0310	Slope Restoration, Type B	8160101	1,800.000	Syd
0320	Slope Restoration, Type C	8160102	1,200.000	Syd
0330	Contractor Staking	8240001	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0370	Structures, Rem (C02 of 64022)	2040060	1.000	LSUM
0380	_ Channel, Temp	2057051	1.000	LSUM
0390	Aggregate, 6A	2060001	40.000	Cyd
0400	Backfill, Structure, CIP	2060002	1,100.000	Cyd
0410	Excavation, Fdn	2060010	2,800.000	Cyd
0420	Erosion Control, Filter Bag	2080014	4.000	Ea
0430	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0440	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0450	Erosion Control, Sand Bag	2080028	125.000	Ea
0460	Erosion Control, Turbidity Curtain, Shallow	2080044	170.000	Ft
0470	_ Geotextile, Separator, Non-Woven	3087011	500.000	Syd
0480	Underdrain, Fdn, 6 inch	4040033	188.000	Ft
0490	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0500	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0510	Culv Bedding, Box Culv	4060005	60.000	Cyd
0520	_ Culv, Precast Conc Box, 16 foot by 10 foot	4067001	63.000	Ft
0530	Steel Sheet Piling, Temp	7040002	2,200.000	Sft
0540	_ Cofferdam, Left in Place, Special (C02 of 64022)	7047051	1.000	LSUM
0550	_ Cofferdam, Special (C02 of 64022)	7047051	1.000	LSUM
0560	Reinforcement, Steel, Epoxy Coated	7060092	7,485.000	Lb
0570	Substructure Conc, High Performance	7060101	51.000	Cyd
0580	Joint Waterproofing	7100001	140.000	Sft
0590	Riprap, Plain	8130011	760.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 180105 034

Letting Date: January 5, 2018

Contract ID: 38101-202102

Description: 1.60 mi of removal and replacement of fencing and clearing on I-94 at M-106 in the city of Jackson, Jackson County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202102A	1800159	N/A	IM 38101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	22.000	Acre
0030	Clearing, Fence	2010002	58.000	Sta
0040	Thinning, Selective, Type I	2010005	1.000	Acre
0050	Tree, Rem, 19 inch to 36 inch	2020002	30.000	Ea
0060	Tree, Rem, 37 inch or Larger	2020003	10.000	Ea
0070	Tree, Rem, 6 inch to 18 inch	2020004	53.000	Ea
0080	Fence, Rem	2040025	13,722.000	Ft
0090	_ Clearing, Special	2047011	3,000.000	Syd
0100	_ Misc Debris, Rem, LM	2047021	1,370.000	Cyd
0110	Erosion Control, Silt Fence	2080036	2,700.000	Ft
0120	Fence, Woven Wire with Wood Post	8080001	508.000	Ft
0130	Fence, Woven Wire with Steel Post	8080002	17,526.000	Ft
0140	Fence, Chain Link, 72 inch	8080013	680.000	Ft
0150	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	4.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, Fluorescent, Furn	8120252	175.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	175.000	Ea
0210	Sign Cover	8120310	10.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	970.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	970.000	Sft
0240	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0250	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0260	Mulch	8160025	50,820.000	Syd
0270	Mulch Anchoring	8160026	50,820.000	Syd

0280	Seeding, Mixture TSM	8160041	1,050.000	Lb
0290	_ Railroad Inspection and Flagging	8507060	10,000.000	Dlr
0300	_ Railroad Protection	8507060	2,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180105 035

Letting Date: January 5, 2018

Contract ID: 73075-132103

Description: 4.11 mi of cape sealing on M-47 from Highland Drive northerly to US-10, Bay and Saginaw Counties.
This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132103A	1800153	N/A	NH 73075

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,800.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II - Modified	3077031	1,000.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	Overband Crack Fill, Lane	5020003	17.000	Lnmi
0050	Overband Crack Fill, Ramp	5020004	2.000	Lnmi
0060	Micro-Surface, Single Cse, Warranty	5040020	225,000.000	Syd
0070	Seal, Single Chip	5050001	148,000.000	Syd
0080	Seal, Shoulder Chip	5050010	77,000.000	Syd
0090	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,000.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	55,000.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	55,000.000	Ft
0150	Pavt Mrkg, Waterborne, 12 inch, White	8110237	6,000.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,000.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	55,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	55,000.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	6,000.000	Ft
0200	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0270	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	875.000	Ea

0280	Sign Cover	8120310	10.000	Ea
0290	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0330	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8127001	55,000.000	Ft
0340	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8127001	45,000.000	Ft
0350	Monument Preservation	8210010	3.000	Ea
0360	Protect Corners	8210020	3.000	Ea
0370	Shoulder Corrugations, Ground or Cut, HMA	8220001	86,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180105 036

Letting Date: January 5, 2018

Contract ID: 77000-130513

Description: 0.64 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, permanent signing and pavement markings on South Main Street from the Capac South village limit to south of Meier Street in the village of Capac, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130513A	1800118	N/A	STL 77000
133417A	1800119	N/A	STL 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$46,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0050	Curb and Gutter, Rem	2040020	40.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0070	Sidewalk, Rem	2040055	116.000	Syd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	240.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	240.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0110	Erosion Control, Silt Fence	2080036	200.000	Ft
0120	_ Aggregate Base, 6 inch, Modified	3027011	100.000	Syd
0130	Maintenance Gravel	3060020	250.000	Ton
0140	_ Approach, CI I, 6 inch, Modified	3077011	480.000	Syd
0150	_ Approach, CI II, Modified	3077031	68.000	Ton
0160	_ Shoulder, CI II, Modified	3077031	92.000	Ton
0170	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0180	Dr Structure Cover, Adj, Case 2	4030006	20.000	Ea
0190	Dr Structure Cover, Type B	4030010	12.000	Ea
0200	Dr Structure Cover, Type Q	4030065	8.000	Ea
0210	Underdrain, Subgrade, 6 inch	4040073	240.000	Ft
0220	Cold Milling HMA Surface	5010002	14,466.000	Syd
0230	HMA Surface, Rem	5010005	1,790.000	Syd
0240	Pavt Joint and Crack Repr, Det 8	5010021	340.000	Ft
0250	Hand Patching	5010025	86.000	Ton
0260	HMA, 4E3	5010051	1,490.000	Ton

0270	HMA, 5E3	5010057	1,118.000	Ton
0280	HMA Approach	5010061	466.000	Ton
0290	Cold Milling Conc Pavt	6030014	300.000	Syd
0300	Curb and Gutter, Conc, Det D2	8020031	16.000	Ft
0310	Curb and Gutter, Conc, Det F3	8020037	16.000	Ft
0320	Detectable Warning Surface	8030010	108.000	Ft
0330	Curb Ramp Opening, Conc	8030030	36.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	1,702.000	Sft
0350	Post, Mailbox	8070095	56.000	Ea
0360	Post, Steel, 3 lb	8100371	506.000	Ft
0370	Sign, Type IIA	8100398	24.000	Sft
0380	Sign, Type III, Rem	8100403	60.000	Ea
0390	Sign, Type IIIA	8100404	50.000	Sft
0400	Sign, Type IIIB	8100405	86.000	Sft
0410	_ Sign, Type IIIA, Modified	8107010	48.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	132.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,954.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,344.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,954.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,344.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	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	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	312.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	312.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	122.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	122.000	Ea
0570	Sign Cover	8120310	6.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	102.000	Sft
0610	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	102.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	_ Pedestrian Type II Barricade, Temp	8127050	28.000	Ea
0640	_ Slope Restoration, Modified	8167011	8,550.000	Syd
0650	Monument Box	8210001	2.000	Ea
0660	Monument Preservation	8210010	2.000	Ea
0670	Water Shutoff, Adj, Temp, Case 1	8230381	2.000	Ea
0680	Water Shutoff, Adj, Temp, Case 2	8230382	2.000	Ea
0690	Gate Box, Adj, Case 1	8230431	10.000	Ea

0700	Gate Box, Adj, Case 2	8230432	2.000	Ea
0710	_ Railroad Protection, at Grade Crossing	8507060	5,600.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 180105 037

Letting Date: January 5, 2018

Contract ID: 77609-130965

Description: 0.29 mi of hot mix asphalt surfacing, concrete pavement, curb and gutter, pavement removal, earth excavation, aggregate base, storm sewer and watermain on Lapeer Road at Allen Road, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130965A	1800049	N/A	HSIP 77609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$66,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	614.000	Ft
0060	_ Pavt, Rem, Modified	2047011	5,441.000	Syd
0070	Embankment, CIP	2050010	1,718.000	Cyd
0080	Excavation, Earth	2050016	2,598.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0110	Erosion Control, Silt Fence	2080036	2,475.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	935.000	Cyd
0140	_ Aggregate Base, Modified	3027031	3,494.000	Ton
0150	_ Approach, CI II, Modified	3077031	14.000	Ton
0160	_ Shoulder, CI II, Modified	3077031	12.000	Ton
0170	_ Geotextile Base Reinforcement	3087011	7,374.000	Syd
0180	_ Geotextile Stabilization, Modified	3087011	2,638.000	Syd
0190	Culv End Sect, 12 inch	4010012	4.000	Ea
0200	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Sewer Tap, 12 inch	4021204	1.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	1,069.000	Ft
0230	_ Sewer, CI A, 12 inch, Special	4027001	664.000	Ft
0240	_ Sewer, CI A, 18 inch, Special	4027001	405.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0260	Dr Structure Cover, Type B	4030010	3.000	Ea
0270	Dr Structure Cover, Type G	4030040	2.000	Ea

0280	Dr Structure Cover, Type J	4030045	7.000	Ea
0290	Dr Structure, 48 inch dia	4030210	11.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0310	HMA, 3C	5010031	680.000	Ton
0320	HMA, 4E1	5010050	452.000	Ton
0330	HMA, 5E1	5010056	340.000	Ton
0340	HMA Approach	5010061	103.000	Ton
0350	Conc Pavt, Nonreinf, 9 inch	6020106	2,025.000	Syd
0360	Joint, Contraction, Cp	6020200	1,923.000	Ft
0370	Joint, Expansion, E2	6020207	890.000	Ft
0380	Joint, Plane-of-Weakness, W	6020211	48.000	Ft
0390	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	181.000	Syd
0400	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	294.000	Syd
0410	Curb and Gutter, Conc, Det B1	8020015	799.000	Ft
0420	Curb and Gutter, Conc, Det B2	8020016	1,565.000	Ft
0430	Driveway Opening, Conc, Det M	8020050	88.000	Ft
0440	Shoulder Gutter, Conc, Det 2	8020056	5.000	Ea
0450	Spillway, Conc	8020075	25.000	Ft
0460	_ Curb and Gutter, Conc, Det B1, Modified	8027001	336.000	Ft
0470	_ Curb and Gutter, Conc, Det D1, Modified	8027001	377.000	Ft
0480	_ Relocate Mailboxes	8077050	2.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	4.000	Ea
0500	Pavt Mrkg, Polyurea, 4 inch, White	8110091	144.000	Ft
0510	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,495.000	Ft
0520	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,000.000	Ft
0530	Pavt Mrkg, Polyurea, 12 inch, White	8110111	435.000	Ft
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0590	Sign Cover	8120310	37.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	485.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	485.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	_ Riprap, Cobble	8147011	15.000	Syd
0640	Rhus aromatica Gro-Low, #2 cont.	8153166	44.000	Ea
0650	Thuja occidentalis Emerald, 6 foot	8153811	14.000	Ea
0660	_ Slope Restoration, Modified	8167011	3,200.000	Syd
0670	_ Monument Box, Special	8217050	1.000	Ea
0680	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0690	_ KT - Water Main, Ductile Iron, 16 inch, Tr Det G	8237001	225.000	Ft
0700	_ KT - Abandon Water Main	8237050	1.000	Ea

0710	_ KT - Connect to Existing Water Main	8237050	1.000	Ea
0720	_ KT - Tapping Sleeve & Valve, 12 inch X 12 inch	8237050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180105 038

Letting Date: January 5, 2018

Contract ID: 63000-131823

Description: Installation of video surveillance cameras and traffic signal controller updates on various routes countywide, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131823A	1763058	N/A	CMG 63000

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	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0040	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0050	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0100	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0110	Sign Cover	8120310	10.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	920.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	920.000	Sft
0140	Steel Pole, Fit Up, TS Cable Pole	8190516	28.000	Ea
0150	_ Video Surveillance, Camera, RCOC	8197050	28.000	Ea
0160	Bracket, Truss, With 9 Foot Arm	8200375	28.000	Ea
0170	_ Controller, Digital Type, Delivered, RCOC	8207050	11.000	Ea
0180	_ Polycarbonate Enclosure	8207050	28.000	Ea
0190	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0200	System Integration and Testing	8260160	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180105 039

Letting Date: January 5, 2018

Contract ID: 81000-131163

Description: 2.00 mi of pavement removal, hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage, signals, guardrail, shared-use path and pavement markings, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131163A	N/A	N/A	EDA 81000
200645A	1800108	N/A	TAU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$419,000.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	45.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	261.000	Ea
0050	_ Tree, Rem, 4 inch to 5 inch	2027050	200.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0080	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0090	Dr Structure, Rem	2030011	2.000	Ea
0100	Curb and Gutter, Rem	2040020	243.000	Ft
0110	Fence, Rem	2040025	980.000	Ft
0120	Guardrail, Rem	2040035	230.000	Ft
0130	Pavt, Rem	2040050	23.000	Syd
0140	Sidewalk, Rem	2040055	84.000	Syd
0150	Ditch Cleanout	2050006	2.000	Sta
0160	Excavation, Earth	2050016	5.000	Cyd
0170	_ Roadway Grading	2057002	94.000	Sta
0180	_ Parking Lot Grading	2057011	650.000	Syd
0190	_ Subgrade Undercutting, 21AA, Special	2057021	350.000	Cyd
0200	_ Subgrade Undercutting, 6A, Special	2057021	100.000	Cyd
0210	_ Subgrade Undercutting, Class II, Special	2057021	100.000	Cyd
0220	Backfill, Structure, CIP	2060002	40.000	Cyd
0230	Excavation, Fdn	2060010	50.000	Cyd
0240	Erosion Control, Check Dam, Stone	2080012	48.000	Ft
0250	Erosion Control, Inlet Protection, Fabric Drop	2080020	31.000	Ea
0260	Erosion Control, Sediment Trap	2080034	8.000	Ea

0270	Erosion Control, Silt Fence	2080036	25,730.000	Ft
0280	_ Permeable Runoff Structure	2087001	200.000	Ft
0290	Project Cleanup	2090001	1.000	LSUM
0300	Subbase, CIP	3010002	1,070.000	Cyd
0310	_ Aggregate Base, 6 inch, Modified	3027011	20.000	Syd
0320	_ Aggregate Base, 8 inch, Modified	3027011	48,314.000	Syd
0330	_ Aggregate Surface Cse, Modified	3067021	35.000	Cyd
0340	_ Maintenance Gravel, Special	3067031	300.000	Ton
0350	_ Shoulder, CI II, 5 inch, Modified	3077011	2,043.000	Syd
0360	_ Approach, CI II, Modified	3077031	69.000	Ton
0370	Geotextile, Separator	3080005	7,296.000	Syd
0380	_ Geotextile, Stabilization, Modified	3087011	6,796.000	Syd
0390	Culv End Sect, 12 inch	4010012	16.000	Ea
0400	Culv End Sect, 18 inch	4010018	6.000	Ea
0410	Culv End Sect, 24 inch	4010024	2.000	Ea
0420	Culv, CI A, 12 inch	4010131	42.000	Ft
0430	Culv, CI A, 18 inch	4010133	32.000	Ft
0440	Culv, CI E, 12 inch	4010539	49.000	Ft
0450	Culv, CI E, 24 inch	4010542	49.000	Ft
0460	Culv, CI F, 12 inch	4010607	213.000	Ft
0470	Culv, CI F, 18 inch	4010609	99.000	Ft
0480	_ Culv, CSP Arch, CI A, 77 inch by 52 inch	4017001	64.000	Ft
0490	Sewer, CI E, 12 inch, Tr Det B	4020600	3,136.000	Ft
0500	Video Taping Sewer and Culv Pipe	4021275	3,980.000	Ft
0510	Sewer, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch, Tr Det B	4021304	744.000	Ft
0520	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0530	Dr Structure Cover, Type B	4030010	5.000	Ea
0540	Dr Structure Cover, Type C	4030015	1.000	Ea
0550	Dr Structure Cover, Type G	4030040	1.000	Ea
0560	Dr Structure Cover, Type J	4030045	24.000	Ea
0570	Dr Structure, 24 inch dia	4030200	3.000	Ea
0580	Dr Structure, 48 inch dia	4030210	24.000	Ea
0590	Dr Structure, 72 inch dia	4030230	2.000	Ea
0600	Dr Structure, 96 inch dia	4030234	1.000	Ea
0610	Mh Riser	4030505	2.000	Ft
0620	Underdrain, Subbase, 4 inch	4040061	9,260.000	Ft
0630	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0640	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0650	Culv Bedding, Box Culv	4060005	40.000	Cyd
0660	_ Culv, Precast Conc Box, 8 foot by 5.5 foot	4067001	113.000	Ft
0670	Cold Milling HMA Surface	5010002	6,135.000	Syd
0680	HMA Surface, Rem	5010005	5,085.000	Syd
0690	HMA, 3E1	5010044	6,209.000	Ton
0700	HMA, 5E1	5010056	4,869.000	Ton

0710	HMA Approach	5010061	1,010.000	Ton
0720	Conc, Grade P1	6020030	24.000	Cyd
0730	Reinforcement, Steel, Epoxy Coated	7060092	1,864.000	Lb
0740	Substructure Conc	7060100	16.000	Cyd
0750	Joint Waterproofing	7100001	50.000	Sft
0760	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	4.000	Ea
0770	Driveway, Nonreinf Conc, 6 inch	8010005	18.000	Syd
0780	Curb and Gutter, Conc, Det B2	8020016	9,805.000	Ft
0790	Curb and Gutter, Conc, Det D2	8020031	512.000	Ft
0800	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0810	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0820	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0830	Divider, Nonreinf Conc, Type 1	8020066	780.000	Sft
0840	Spillway, Conc	8020075	10.000	Ft
0850	Detectable Warning Surface	8030010	141.000	Ft
0860	Curb Ramp Opening, Conc	8030030	195.000	Ft
0870	Sidewalk Ramp, Conc, 6 inch	8030036	1,426.000	Sft
0880	Sidewalk, Conc, 4 inch	8030044	274.000	Sft
0890	Sidewalk, Conc, 6 inch	8030046	180.000	Sft
0900	_ Sidewalk Ramp, Conc, 8 inch	8037010	609.000	Sft
0910	_ Sidewalk, Conc, 8 inch	8037010	655.000	Sft
0920	Shared use Path, HMA	8060040	2,103.000	Ton
0930	_ Shared use Path, Grading, Special	8067001	6,753.000	Ft
0940	_ Shared use Path, Aggregate, Modified	8067011	9,861.000	Syd
0950	Guardrail, Type B	8070000	438.000	Ft
0960	Guardrail, Curved, Type B	8070010	100.000	Ft
0970	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0980	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0990	Guardrail Post, Culv	8070070	6.000	Ea
1000	Fence, Woven Wire with Wood Post	8080001	316.000	Ft
1010	Fence, Woven Wire with Steel Post	8080002	207.000	Ft
1020	Fence, Chain Link, 48 inch	8080011	364.000	Ft
1030	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	65.000	Ft
1040	_ Safety Railing	8087001	80.000	Ft
1050	_ Bench	8087050	2.000	Ea
1060	_ Bike Rack	8087050	5.000	Ea
1070	_ Garbage Can	8087050	2.000	Ea
1080	Fdn, Wood Support, Rem	8100280	4.000	Ea
1090	Mast Arm Std Fdn, Cased	8100306	16.000	Ft
1100	Post, Steel, 2 lb	8100370	96.000	Ft
1110	Post, Steel, 3 lb	8100371	1,364.000	Ft
1120	Sign, Type II, Rem	8100397	1.000	Ea
1130	Sign, Type III, Rem	8100403	52.000	Ea
1140	Sign, Type IIIA	8100404	29.000	Sft

1150	Sign, Type IIIB	8100405	599.000	Sft
1160	_ Mast Arm	8107050	1.000	Ea
1170	_ Mast Arm Std	8107050	1.000	Ea
1180	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,194.000	Ft
1190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	331.000	Ft
1200	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	10.000	Ea
1210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
1220	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
1230	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
1240	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
1250	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
1260	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	80.000	Ft
1270	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	140.000	Ft
1280	Recessing Pavt Mrkg, Longit	8110450	38,605.000	Ft
1290	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	1,622.000	Ft
1300	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	19,632.000	Ft
1310	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	17,351.000	Ft
1320	_ Pavt Mrkg, Ovly Cold Plastic, Road, Modified	8117050	5.000	Ea
1330	_ Pavt Mrkg, Ovly Cold Plastic, Xing, Modified	8117050	5.000	Ea
1340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
1360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1380	Minor Traf Devices	8120170	1.000	LSUM
1390	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,185.000	Ft
1400	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	24.000	Ft
1410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
1420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,000.000	Ft
1430	Plastic Drum, High Intensity, Furn	8120250	210.000	Ea
1440	Plastic Drum, High Intensity, Oper	8120251	210.000	Ea
1450	Sign Cover	8120310	10.000	Ea
1460	Sign, Type B, Temp, Prismatic, Furn	8120350	821.000	Sft
1470	Sign, Type B, Temp, Prismatic, Oper	8120351	821.000	Sft
1480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	406.000	Sft
1490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	406.000	Sft
1500	Traf Regulator Control	8120370	1.000	LSUM
1510	_ Pedestrian Path, Temp	8127001	1,380.000	Ft
1520	_ Pedestrian Ramp, Temp	8127050	4.000	Ea
1530	_ Pedestrian Type II Barricade, Temp	8127050	50.000	Ea
1540	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea

1550	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
1560	Riprap, Heavy	8130005	120.000	Syd
1570	Riprap, Plain	8130010	88.000	Syd
1580	Riprap, Plain	8130011	14.000	Ton
1590	_ Rain Garden, with Overflow	8157010	2,875.000	Sft
1600	_ Turf Establishment, Performance	8167011	37,371.000	Syd
1610	Conduit, DB, 1, 1 1/2 inch	8190027	120.000	Ft
1620	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
1630	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
1640	Cable, Equipment Grounding Wire, 1/C#6	8190236	600.000	Ft
1650	Hh, Round, 3 foot dia	8190259	2.000	Ea
1660	Hh, Round	8190260	3.000	Ea
1670	Wood Pole, Fit Up, TS Cable Pole	8190501	5.000	Ea
1680	_ Sec Cable, 600V, 2, 2/C #8	8197001	600.000	Ft
1690	_ Bracket Arm, 18 Foot, with 5 Foot Rise	8197050	5.000	Ea
1700	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
1710	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1720	Controller Fdn, Base Mount	8200045	2.000	Ea
1730	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1740	Metered Serv	8200090	1.000	Ea
1750	Pedestal, Alum	8200100	5.000	Ea
1760	Pedestal, Fdn	8200105	5.000	Ea
1770	Power Co. (Est. Cost to Contractor)	8200116	21,000.000	Dlr
1780	Pushbutton and Sign	8200121	6.000	Ea
1790	Serv Disconnect	8200135	3.000	Ea
1800	Span Wire	8200140	3.000	Ea
1810	Span Wire Tether	8200142	7.000	Ea
1820	Traf Loop, Presence	8200171	2.000	Ea
1830	Traf Loop, Calling	8200172	3.000	Ea
1840	TS, One Way Span Wire Mtd (LED)	8200313	15.000	Ea
1850	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1860	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
1870	Wireless Repeater	8200421	5.000	Ea
1880	Wireless Vehicle Detection System	8200422	2.000	Ea
1890	Wireless Vehicle Sensor Node	8200425	34.000	Ea
1900	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1910	Strain Pole Fdn, 6 Bolt	8200470	12.000	Ft
1920	Cellular Modem, TS, 4G	8200498	1.000	Ea
1930	TS Uninterruptible Power System	8200500	1.000	Ea
1940	Backplate, TS	8200501	19.000	Ea
1950	_ Controller and Cabinet, Base Mount (TS2)	8207050	1.000	Ea
1960	_ Crosswalk Sign, Two Way, Illuminated (LED) w/Downlight	8207050	1.000	Ea
1970	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	1.000	Ea

1980	_ Managed Ethernet Switch	8207050	2.000	Ea
1990	_ Road Side Unit	8207050	1.000	Ea
2000	_ Side Pole Cabinet	8207050	1.000	Ea
2010	_ TS, Controller Software	8207050	2.000	Ea
2020	_ TS, MMU	8207050	1.000	Ea
2030	_ Video Surveillance Camera	8207050	1.000	Ea
2040	_ Wireless Interconnect, Integrated 300 Mbps	8207050	3.000	Ea
2050	Monument Box	8210001	2.000	Ea
2060	Monument Preservation	8210010	2.000	Ea
2070	_ Non-Freeway Shoulder Corrugations, Milled, HMA, Special	8227001	2,453.000	Ft
2080	System Integration and Testing	8260160	1.000	LSUM
2090	_ Audio Video DVD, Pathway	8507051	1.000	LSUM
2100	_ Audio Video DVD, Roadway	8507051	1.000	LSUM
2110	_ Railroad Protection, at Grade Crossing	8507060	10,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 040

Letting Date: January 5, 2018

Contract ID: 11015-123135

Description: Bridge rehabilitation including deep overlay, structural steel work, substructure repair, barrier replacement and approach work on 5 structures over I-94, Berrien County. This project includes a 5 year overlay performance warranty, a 2 year bridge painting warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123135A	1800151	N/A	IM 11015
123168A	1800151	N/A	IM 11015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	3,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	7,500.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	3,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	3,500.000	Dlr
0060	Mobilization, Max \$596,800.00	1500001	1.000	LSUM
0070	Clearing	2010001	0.240	Acre
0080	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0090	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0100	Dr Structure, Rem	2030011	12.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	516.000	Ft
0120	Curb and Gutter, Rem	2040020	374.000	Ft
0130	Fence, Rem	2040025	490.000	Ft
0140	Guardrail, Rem	2040035	5,587.000	Ft
0150	Masonry and Conc Structure, Rem	2040045	9.000	Cyd
0160	Pavt, Rem	2040050	49.000	Syd
0170	_ Utility Work, AT&T (S02 of 11014), Max. \$3228.00	2047051	1.000	LSUM
0180	_ Utility Work, AT&T (S04 of 11015), Max. \$9654.00	2047051	1.000	LSUM
0190	Embankment, CIP	2050010	2,172.000	Cyd
0200	Excavation, Earth	2050016	1,974.000	Cyd
0210	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0220	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0230	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0240	Erosion Control, Silt Fence	2080036	2,058.000	Ft
0250	Subbase, CIP	3010002	329.000	Cyd

0260	Aggregate Base, 6 inch	3020016	2,613.000	Syd
0270	Shoulder, CI II	3070121	811.000	Ton
0280	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0290	Culv, CI F, Conc, 12 inch	4010641	4.000	Ft
0300	Culv, Downspout, 12 inch	4010795	1,043.000	Ft
0310	Dr Marker Post	4011109	19.000	Ea
0320	Sewer, CI A, 12 inch, Tr Det B	4020033	191.000	Ft
0330	Sewer, CI E, 12 inch, Tr Det B	4020600	25.000	Ft
0340	Video Taping Sewer and Culv Pipe	4021275	1,299.000	Ft
0350	Dr Structure Cover, Type D	4030025	10.000	Ea
0360	Dr Structure, 24 inch dia	4030200	4.000	Ea
0370	Dr Structure, 48 inch dia	4030210	6.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	450.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0410	Cold Milling HMA Surface	5010002	567.000	Syd
0420	HMA Surface, Rem	5010005	2,446.000	Syd
0430	HMA Quality Initiative	5010007	1,818.000	Dlr
0440	Longitudinal Joint Density Quality Initiative	5010018	3,827.000	Dlr
0450	Hand Patching	5010025	9.000	Ton
0460	HMA, 4E3	5010051	66.000	Ton
0470	HMA Approach	5010061	834.000	Ton
0480	Joint, Expansion, E3	6020208	370.000	Ft
0490	Conc Quality Initiative	6020401	331.000	Dlr
0500	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	2,500.000	Ft
0510	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	948.000	Syd
0520	Conc, Grade S2	7060011	14.000	Cyd
0530	Reinforcement, Steel, Culv and Headwall	7060091	560.000	Lb
0540	Downspout Header, Conc	8020070	10.000	Ea
0550	_ Curb and Gutter, Bridge Approach, Modified	8027001	430.000	Ft
0560	_ Curb and Gutter, Bridge Approach, Modified	8027001	178.000	Ft
0570	Guardrail, Type B	8070000	250.000	Ft
0580	Guardrail, Type T	8070002	100.000	Ft
0590	Guardrail, Type MGS-8	8070004	3,841.000	Ft
0600	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0610	Guardrail Anch, Bridge, Det T1	8070022	14.000	Ea
0620	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0630	Guardrail Anch, Bridge, Det T6	8070027	5.000	Ea
0640	Guardrail Approach Terminal, Type 1B	8070040	9.000	Ea
0650	Guardrail Approach Terminal, Type 2B	8070042	14.000	Ea
0660	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0670	Guardrail Reflector	8070080	237.000	Ea
0680	Post, Mailbox	8070095	1.000	Ea
0690	Guardrail, Reconst, Type B	8070105	100.000	Ft
0700	Guardrail, Reconst, Type T	8070109	150.000	Ft

0710	Cable Barrier, High Tension, Salv	8070201	8,100.000	Ft
0720	Cable Barrier, High Tension, Reconst	8070202	8,100.000	Ft
0730	Fence, Woven Wire with Steel Post	8080002	290.000	Ft
0740	Fence, Protective	8080007	200.000	Ft
0750	Column, Breakaway, W8 x 13	8100120	4.000	Ea
0760	Delineator Reflector, Green	8100133	32.000	Ea
0770	Fdn, Breakaway, W8 x 13	8100160	4.000	Ea
0780	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
0790	Fdn, Wood Support, Rem	8100280	2.000	Ea
0800	Post, Rigid, Delineator	8100361	32.000	Ea
0810	Post, Steel, 3 lb	8100371	139.000	Ft
0820	Post, Wood, 4 inch by 6 inch	8100380	34.000	Ft
0830	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0840	Sign, Type I, Rem	8100391	2.000	Ea
0850	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0860	Sign, Type II, Rem	8100397	1.000	Ea
0870	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0880	Sign, Type III, Rem	8100403	6.000	Ea
0890	Sign, Type IIIB	8100405	5.000	Sft
0900	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0910	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0930	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,800.000	Ft
0940	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,100.000	Ft
0950	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,950.000	Ft
0960	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,500.000	Ft
0970	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,800.000	Ft
0980	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,100.000	Ft
0990	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,950.000	Ft
1000	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,500.000	Ft
1010	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,590.000	Ft
1020	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,120.000	Ft
1030	Rem Spec Mrkg	8110343	200.000	Sft
1040	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1050	Recessing Pavt Mrkg, Longit	8110450	13,640.000	Ft
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	46.000	Ea
1080	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	10.000	Ea
1090	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	10.000	Ea
1100	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	10.000	Ea
1110	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea
1120	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
1130	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea

1140	Conc Barrier Reflector Replacement	8120070	25.000	Ea
1150	Conc Barrier, Temp, Adj	8120080	14,200.000	Ft
1160	Conc Barrier, Temp, Furn	8120081	7,100.000	Ft
1170	Conc Barrier, Temp, Oper	8120082	7,100.000	Ft
1180	High Intensity Light, Type B, Furn	8120110	10.000	Ea
1190	High Intensity Light, Type B, Oper	8120111	10.000	Ea
1200	Lighted Arrow, Type C, Furn	8120140	21.000	Ea
1210	Lighted Arrow, Type C, Oper	8120141	21.000	Ea
1220	Ltg for Night Work	8120160	1.000	LSUM
1230	Minor Traf Devices	8120170	1.000	LSUM
1240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	14,560.000	Ft
1250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	27,700.000	Ft
1260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	26,500.000	Ft
1270	Plastic Drum, Fluorescent, Furn	8120252	1,150.000	Ea
1280	Plastic Drum, Fluorescent, Oper	8120253	1,190.000	Ea
1290	PTS System, Temp, Furn	8120270	1.000	Ea
1300	PTS System, Temp, Oper	8120271	2.000	Ea
1310	Sign Cover	8120310	20.000	Ea
1320	Sign, Type A, Temp, Prismatic, Furn	8120340	6.000	Sft
1330	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1340	Sign, Type B, Temp, Prismatic, Furn	8120350	9,154.000	Sft
1350	Sign, Type B, Temp, Prismatic, Oper	8120351	9,691.000	Sft
1360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,021.000	Sft
1370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,050.000	Sft
1380	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Furn	8127050	6.000	Ea
1390	_ Sign, Portable, Changeable Message,NTCIP-Compliant, Oper	8127050	8.000	Ea
1400	Riprap, Plain	8130010	114.000	Syd
1410	Slope Restoration, Type B	8160101	16,220.000	Syd
1420	Slope Restoration, Type C	8160102	3,070.000	Syd
1430	Hh, Heavy Duty Cover	8190246	4.000	Ea
1440	_ Conduit, DB, 1, 2 inch	8197001	280.000	Ft
1450	Monument Preservation	8210010	1.000	Ea
1460	Shoulder Corrugations, Ground or Cut, HMA	8220001	350.000	Ft
1470	Contractor Staking	8240001	1.000	LSUM
1480	Staking Plan Errors and Extras, One Person	8240020	49.000	Hr
1490	Staking Plan Errors and Extras, Two Person	8240021	20.000	Hr
1500	Staking Plan Errors and Extras, Three Person	8240022	30.000	Hr

Section: 2

1510	Asbestos Materials, Rem and Disposal	2040001	36,375.000	Dlr
1520	Backfill, Structure, CIP	2060002	1,510.000	Cyd
1530	Excavation, Fdn	2060010	1,510.000	Cyd

1540	Culv End Sect, 18 inch	4010018	2.000	Ea
1550	Culv, CI A, 12 inch	4010131	84.000	Ft
1560	Underdrain, Fdn, 4 inch	4040031	216.000	Ft
1570	Underdrain Outlet, 4 inch	4040091	32.000	Ft
1580	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1590	HMA Patch, Rem	5010006	17.000	Syd
1600	Steel Sheet Piling, Temp, Left in Place	7040003	54.000	Sft
1610	Conc, Grade D	7060010	56.000	Cyd
1620	Conduit, 3 inch	7060030	682.000	Ft
1630	Expansion Joint Device	7060050	717.000	Ft
1640	False Decking	7060060	20,953.000	Sft
1650	Reinforcement, Steel, Epoxy Coated	7060092	101,710.000	Lb
1660	Substructure Conc	7060100	40.000	Cyd
1670	Substructure Conc, High Performance	7060101	294.000	Cyd
1680	Superstructure Conc, Form, Finish, and Cure (S02 of 11014)	7060111	1.000	LSUM
1690	Superstructure Conc, High Performance	7060116	139.000	Cyd
1700	_ Expansive Waterstop	7067001	1,230.000	Ft
1710	_ Texturing, Conc, High Performance	7067011	1,300.000	Syd
1720	Bearing, Elastomeric, 2 3/4 inch	7070019	2,700.000	Sin
1730	Bushing	7070030	176.000	Ea
1740	Shear Developers (S02 of 11014)	7070040	1.000	LSUM
1750	Structural Steel, Plate, Erect	7070060	1,410.000	Lb
1760	Structural Steel, Plate, Furn and Fab	7070061	1,410.000	Lb
1770	Joint Waterproofing	7100001	50.000	Sft
1780	Joint Waterproofing, Expansion	7100003	330.000	Sft
1790	Conc Surface Coating, Warranty (S02 of 11014)	7100009	1.000	LSUM
1800	Conc Surface Coating, Warranty (S03 of 11014)	7100009	1.000	LSUM
1810	Conc Surface Coating, Warranty (S03 of 11015)	7100009	1.000	LSUM
1820	Conc Surface Coating, Warranty (S04 of 11015)	7100009	1.000	LSUM
1830	Conc Surface Coating, Warranty (S05 of 11015)	7100009	1.000	LSUM
1840	Substructure Horizontal Surface Sealer (S02 of 11014)	7100030	52.000	Syd
1850	Substructure Horizontal Surface Sealer (S03 of 11014)	7100030	27.000	Syd
1860	Substructure Horizontal Surface Sealer (S03 of 11015)	7100030	58.000	Syd
1870	Substructure Horizontal Surface Sealer (S04 of 11015)	7100030	27.000	Syd
1880	Substructure Horizontal Surface Sealer (S05 of 11015)	7100030	43.000	Syd
1890	_ Silane Treatment	7107010	12,431.000	Sft
1900	Reflective Marker, Permanent Barrier	7110003	30.000	Ea
1910	Bridge Barrier Railing, Type 4, High Performance	7110015	1,230.000	Ft
1920	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	485.000	Ft
1930	Scarifying	7120001	1,917.000	Syd
1940	Hand Chipping, Shallow	7120003	388.000	Syd
1950	Hand Chipping, Deep	7120004	389.000	Syd
1960	Hand Chipping, Other Than Deck	7120007	1,088.000	Cft

1970	Patch, Forming	7120017	3,280.000	Sft
1980	Bridge Deck Surface Construction	7120025	3,480.000	Syd
1990	Conc, Silica Fume Modified	7120027	551.000	Cyd
2000	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	88.000	Ea
2010	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	2,784.000	Ea
2020	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	88.000	Ea
2030	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	358.000	Ea
2040	Structures, Rehabilitation, Rem Portions (S02 of 11014)	7120070	1.000	LSUM
2050	Structures, Rehabilitation, Rem Portions (S03 of 11015)	7120070	1.000	LSUM
2060	Structures, Rehabilitation, Rem Portions (S05 of 11015)	7120070	1.000	LSUM
2070	Deck Joint, Rem	7120071	684.000	Ft
2080	Latex Conc Surface, Rem	7120072	1,307.000	Syd
2090	Hydrodemolition, First Pass	7120076	3,480.000	Syd
2100	Hydrodemolition, Second Pass	7120077	286.000	Syd
2110	Top Flanges and Beam Ends, Clean and Coat	7120100	66.000	Syd
2120	Patching Conc, C-L	7120112	69.000	Cyd
2130	Embedded Galvanic Anode	7120120	10,460.000	Ea
2140	_ Priority 1, Epoxy Overlay, Warranty	7127011	2,260.000	Syd
2150	_ Hand Chipping, Full Depth	7127021	4.000	Cyd
2160	Beam Plate, Seal Perimeter	7130010	2,627.000	Ft
2170	Hanger Assembly, Field Measurement	7130030	44.000	Ea
2180	Hanger Assembly, Rem and Erect	7130031	44.000	Ea
2190	Structural Steel, Furn and Fab, Pin and Hanger	7130070	11,190.000	Lb
2200	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,144.000	Lb
2210	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	2,001.000	Lb
2220	Support, Column, Temp	7130080	18.000	Ea
2230	Support, Suspension, Temp	7130082	44.000	Ea
2240	_ Pack Rust Repair	7137001	10.000	Ft
2250	_ Support, Column, Temp, Special	7137050	60.000	Ea
2260	Steel Structure, Cleaning, Type 4 (S02 of 11014)	7150045	1.000	LSUM
2270	Steel Structure, Cleaning, Type 4 (S03 of 11014)	7150045	1.000	LSUM
2280	Steel Structure, Cleaning, Type 4 (S03 of 11015)	7150045	1.000	LSUM
2290	Steel Structure, Cleaning, Type 4 (S04 of 11015)	7150045	1.000	LSUM
2300	Steel Structure, Cleaning, Type 4 (S05 of 11015)	7150045	1.000	LSUM
2310	Steel Structure, Coating, Type 4 (S02 of 11014)	7150046	1.000	LSUM
2320	Steel Structure, Coating, Type 4 (S03 of 11014)	7150046	1.000	LSUM
2330	Steel Structure, Coating, Type 4 (S03 of 11015)	7150046	1.000	LSUM
2340	Steel Structure, Coating, Type 4 (S04 of 11015)	7150046	1.000	LSUM
2350	Steel Structure, Coating, Type 4 (S05 of 11015)	7150046	1.000	LSUM
2360	Field Repair of Damaged Coating (S02 of 11014)	7160001	1.000	LSUM
2370	Field Repair of Damaged Coating (S03 of 11014)	7160001	1.000	LSUM
2380	Field Repair of Damaged Coating (S03 of 11015)	7160001	1.000	LSUM
2390	Field Repair of Damaged Coating (S04 of 11015)	7160001	1.000	LSUM

2400	Field Repair of Damaged Coating (S05 of 11015)	7160001	1.000	LSUM
2410	Slope Paving Header	8130015	132.000	Ft
2420	Slope Paving, Conc	8130020	234.000	Syd
2430	_ Slope Protection, Replace	8137011	93.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 041

Letting Date: January 5, 2018

Contract ID: 84927-133271

Description: Traffic signal electrical service relocations along I-75, I-375, M-3, M-5, M-10 and M-85 in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133271A	1800139	N/A	ST 84927

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$31,200.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	96.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	12.000	Cyd
0050	Sidewalk, Rem	2040055	115.000	Syd
0060	Exploratory Investigation, Vertical	2040080	75.000	Ft
0070	_ Brick, Individual, Rem, Salv, and Reinstall	2047001	10.000	Ft
0080	Excavation, Earth	2050016	49.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0110	Erosion Control, Silt Fence	2080036	150.000	Ft
0120	Subbase, LM	3010003	15.000	Cyd
0130	Aggregate Base, 6 inch	3020016	187.000	Syd
0140	Maintenance Gravel, LM	3060021	21.000	Cyd
0150	HMA Surface, Rem	5010005	164.000	Syd
0160	HMA Quality Initiative	5010007	188.000	Dlr
0170	Hand Patching	5010025	36.000	Ton
0180	HMA Approach	5010061	58.000	Ton
0190	Joint, Contraction, Crg	6030020	279.000	Ft
0200	Joint, Expansion, Erg	6030021	200.000	Ft
0210	Lane Tie, Epoxy Anchored	6030030	313.000	Ea
0220	Pavt Repr, Nonreinf Conc, 9 inch	6030046	83.000	Syd
0230	Pavt Repr, Nonreinf Conc, 10 inch	6030048	62.000	Syd
0240	Pavt Repr, Rem	6030080	164.000	Syd
0250	Saw Cut, Intermediate	6030090	160.000	Ft
0260	Obstruction Removal	7180100	1,500.000	Dlr
0270	_ Bus Stop, Temp	8007050	2.000	Ea

0280	Curb and Gutter, Conc, Det F3	8020037	99.000	Ft
0290	Detectable Warning Surface	8030010	25.000	Ft
0300	Curb Ramp Opening, Conc	8030030	20.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	250.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	521.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	630.000	Sft
0340	Fence, Temp	8080004	1,500.000	Ft
0350	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0360	Post, Steel, 3 lb	8100371	100.000	Ft
0370	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0380	Sign, Type III, Rem	8100403	5.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	800.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	250.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0430	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	200.000	Ft
0440	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	40.000	Ft
0450	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	100.000	Ft
0460	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	150.000	Ft
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	600.000	Ft
0480	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	400.000	Ft
0490	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	100.000	Ft
0500	Rem Spec Mrkg	8110343	650.000	Sft
0510	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0550	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0580	Ltg for Night Work	8120160	1.000	LSUM
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Mobile Attenuator	8120180	4.000	Ea
0610	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	500.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	500.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	500.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	500.000	Ea

0680	Sign Cover	8120310	50.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0700	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft
0730	_ Pedestrian Type II Channelizer, Temp	8127001	400.000	Ft
0740	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0750	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0760	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
0770	Slope Restoration, Type A	8160100	491.000	Syd
0780	Cable, Sec, Rem	8190017	630.000	Ft
0790	Conduit, DB, 1, 1 1/2 inch	8190027	290.000	Ft
0800	Conduit, DB, 1, 3 inch	8190029	185.000	Ft
0810	Conduit, DB, 2, 3 inch	8190032	90.000	Ft
0820	Hh, Round, 3 foot dia	8190259	8.000	Ea
0830	Hh, Round	8190260	6.000	Ea
0840	Cable, Sec, 600V, 1, 3/C#6	8190399	910.000	Ft
0850	_ Conduit, DB, 1, 2 inch	8197001	335.000	Ft
0860	Pedestal, Alum	8200100	1.000	Ea
0870	Pedestal, Fdn	8200105	21.000	Ea
0880	Pedestal, Underground Serv, Unmetered	8200112	20.000	Ea
0890	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0900	TS, Bag	8200450	40.000	Ea
0910	TS, Bag, Rem	8200451	40.000	Ea
0920	Contractor Staking	8240001	1.000	LSUM
0930	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0940	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0950	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 042

Letting Date: January 5, 2018

Contract ID: 63051-200434

Description: 2.33 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, ADA ramps, signals and pavement markings on M-1 (Woodward Avenue) from 14 Mile Road to Quarton Road/Big Beaver Road in the city of Birmingham, Oakland County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200434A	1800168	N/A	NH 63051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$296,100.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	6,281.000	Ft
0040	Pavt, Rem	2040050	1,399.000	Syd
0050	Sidewalk, Rem	2040055	1,697.000	Syd
0060	Exploratory Investigation, Vertical	2040080	25.000	Ft
0070	Embankment, CIP	2050010	250.000	Cyd
0080	Excavation, Earth	2050016	250.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	218.000	Ea
0100	Subbase, CIP	3010002	347.000	Cyd
0110	Aggregate Base, LM	3020002	352.000	Cyd
0120	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0130	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0140	Dr Structure Cover, Type D	4030025	5.000	Ea
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure Cover, Type Q	4030065	8.000	Ea
0170	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0180	Cold Milling HMA Surface	5010002	134,728.000	Syd
0190	Bump Grinding	5010004	50.000	Syd
0200	HMA Surface, Rem	5010005	1,399.000	Syd
0210	HMA Quality Initiative	5010007	29,274.000	Dlr
0220	Longitudinal Joint Density Quality Initiative	5010018	82,383.000	Dlr
0230	Pavt Joint and Crack Repr, Det 7	5010020	14,920.000	Ft
0240	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0250	Hand Patching	5010025	909.000	Ton
0260	HMA, 5E3, High Stress	5010515	11,764.000	Ton
0270	HMA Approach, High Stress	5010520	1,964.000	Ton

0280	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	146.000	Syd
0290	_ Conc Pavt, Misc, Nonreinf, 14 inch	6027011	1,399.000	Syd
0300	Cement	6030005	28.000	Ton
0310	Cold Milling Conc Pavt	6030014	9,165.000	Syd
0320	Lane Tie, Epoxy Anchored	6030030	2,315.000	Ea
0330	Non-Chloride Accelerator	6030035	1,090.000	Gal
0340	_ Pedestrian Path, Temp	8007001	100.000	Ft
0350	Curb and Gutter, Conc, Det B3	8020017	812.000	Ft
0360	Curb and Gutter, Conc, Det F3	8020037	3,817.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	400.000	Ft
0380	Curb Ramp Opening, Conc	8030030	1,214.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	10,125.000	Sft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	8,740.000	Sft
0410	_ Detectable Warning Surface, Cast Iron	8037001	870.000	Ft
0420	_ Brick Pavers, Rem	8037010	50.000	Sft
0430	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	50.000	Sft
0440	Post, Steel, 3 lb	8100371	238.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	29.000	Ea
0460	Sign, Type III, Rem	8100403	29.000	Ea
0470	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	190.000	Ft
0480	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	95.000	Ft
0490	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,600.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	25,163.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	452.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	28.000	Ft
0530	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0550	Pavt Mrkg, Polyurea, Only	8110410	7.000	Ea
0560	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0570	_ Pavt Mrkg, Polyurea, 24 inch, Crosswalk	8117001	4,010.000	Ft
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0620	Ltg for Night Work	8120160	1.000	LSUM
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Mobile Attenuator	8120180	1.000	Ea
0650	Plastic Drum, High Intensity, Furn	8120250	1,300.000	Ea
0660	Plastic Drum, High Intensity, Oper	8120251	1,300.000	Ea
0670	Sign Cover	8120310	20.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	240.000	Sft

0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	240.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	_ Pavt Mrkg, Type R, Tape, 4 inch, White, Temp	8127001	50,000.000	Ft
0740	_ Pavt Mrkg, Type R, Tape, 4 inch, Yellow, Temp	8127001	5,000.000	Ft
0750	_ Pedestrian Type II Barricade, Temp	8127050	50.000	Ea
0760	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0770	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0780	Slope Restoration, Type B	8160101	1,885.000	Syd
0790	Cable, Sec, Rem	8190017	205.000	Ft
0800	Conduit, DB, 1, 1 1/2 inch	8190027	280.000	Ft
0810	Conduit, DB, 3, 3 inch	8190035	70.000	Ft
0820	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
0830	Conduit, Rem	8190140	30.000	Ft
0840	Hh, Adj	8190244	4.000	Ea
0850	Hh, Rem	8190254	3.000	Ea
0860	Hh, Round, 3 foot dia	8190259	2.000	Ea
0870	Hh, Round	8190260	8.000	Ea
0880	Cable, Sec, 600V, 1, 3/C#6	8190399	210.000	Ft
0890	Conduit, Directional Bore, 1, 3 inch	8190602	430.000	Ft
0900	Conduit, Directional Bore, 2, 3 inch	8190604	90.000	Ft
0910	Case Sign, Rem	8200020	2.000	Ea
0920	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
0930	Controller and Cabinet, Rem	8200030	1.000	Ea
0940	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0950	Controller Fdn, Base Mount	8200045	1.000	Ea
0960	Fdn, Rem	8200065	3.000	Ea
0970	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0980	Pedestal, Alum	8200100	6.000	Ea
0990	Pedestal, Fdn	8200105	9.000	Ea
1000	Pedestal Fdn, Rem	8200106	2.000	Ea
1010	Pedestal, Rem	8200110	2.000	Ea
1020	Pushbutton and Sign	8200121	4.000	Ea
1030	Pushbutton Pedestal, Alum	8200123	3.000	Ea
1040	Serv Disconnect	8200135	1.000	Ea
1050	Serv Disconnect, Rem	8200136	1.000	Ea
1060	Span Wire	8200140	4.000	Ea
1070	Span Wire, Rem	8200141	2.000	Ea
1080	Span Wire Tether	8200142	4.000	Ea
1090	Steel Pole, Rem	8200145	3.000	Ea
1100	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
1110	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1120	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1130	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea

1140	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
1150	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1160	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1170	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1180	Wireless Vehicle Detection System	8200422	1.000	Ea
1190	Wireless Vehicle Sensor Node	8200425	9.000	Ea
1200	TS, Bag	8200450	18.000	Ea
1210	TS, Bag, Rem	8200451	18.000	Ea
1220	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
1230	Strain Pole Fdn, 6 Bolt	8200470	71.000	Ft
1240	Casing	8200480	33.000	Ft
1250	Backplate, TS	8200501	15.000	Ea
1260	_ Cellular Modem, TS, 5G	8207050	1.000	Ea
1270	Protect Corners	8210020	1.000	Ea
1280	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1290	Gate Box, Adj, Case 1	8230431	3.000	Ea
1300	Contractor Staking	8240001	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	246.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	99.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	148.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 043

Letting Date: January 5, 2018

Contract ID: 30000-132291

Description: 2.42 mi of hot mix asphalt cold milling and overlay with gravel shoulders on various routes in the city of Jonesville, Hillsdale County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132291A	1800084	N/A	STUL 30000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	300.000	Syd
0030	HMA Base Crushing and Shaping	3050002	9,750.000	Syd
0040	Approach, CI II	3070021	150.000	Ton
0050	Shoulder, CI II	3070121	2,700.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0070	Dr Structure, Temp Lowering	4030390	4.000	Ea
0080	Cold Milling HMA Surface	5010002	6,000.000	Syd
0090	Pavt for Butt Joints, Rem	5010008	300.000	Syd
0100	HMA, 13A	5010033	4,075.000	Ton
0110	HMA Approach	5010061	100.000	Ton
0120	Driveway, Reinf Conc, 6 inch	8010001	300.000	Syd
0130	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	790.000	Ft
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	761.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	761.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0200	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea
0210	Water Shutoff, Adj, Case 1	8230421	1.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 044

Letting Date: January 5, 2018

Contract ID: 25000-130620

Description: 0.30 mi of construction of roundabout including hot mix asphalt surfacing, pavement removal, grading, aggregate base, storm sewer, concrete pavement, and curb and gutter on Hill Road at Belsay Road, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130620A	1800112	N/A	CM 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Dr Structure, Rem	2030011	9.000	Ea
0040	Guardrail, Rem	2040035	23.000	Ft
0050	_ Pavt, Rem, Modified	2047011	7,768.000	Syd
0060	Embankment, CIP	2050010	845.000	Cyd
0070	Excavation, Earth	2050016	2,590.000	Cyd
0080	_ Subgrade Undercutting, Type II, Modified	2057021	250.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0100	Erosion Control, Silt Fence	2080036	3,450.000	Ft
0110	_ Aggregate Base, Modified	3027031	3,930.000	Ton
0120	_ Maintenance Gravel, Special	3067031	150.000	Ton
0130	_ Approach, CI II, Modified	3077031	14.000	Ton
0140	_ Shoulder, CI II, Modified	3077031	55.000	Ton
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	425.000	Ft
0160	Sewer Tap, 12 inch	4021204	8.000	Ea
0170	Dr Structure Cover, Type B	4030010	1.000	Ea
0180	Dr Structure Cover, Type G	4030040	5.000	Ea
0190	Dr Structure Cover, Type J	4030045	8.000	Ea
0200	Dr Structure, 48 inch dia	4030210	14.000	Ea
0210	_ Adjusting Manhole Cover, Special	4037050	5.000	Ea
0220	Underdrain, Subbase, 4 inch	4040061	1,742.000	Ft
0230	HMA, 2C	5010030	788.000	Ton
0240	HMA, 3C	5010031	350.000	Ton
0250	HMA, 4C	5010032	263.000	Ton
0260	_ HMA Commercial Approach, Special	5017011	202.000	Syd
0270	_ HMA Residential Approach, Special	5017011	321.000	Syd

0280	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	354.000	Syd
0290	Conc Pavt, Nonreinf, 8 inch	6020104	3,111.000	Syd
0300	Joint, Contraction, Cp	6020200	2,610.000	Ft
0310	Joint, Expansion E2, Intersection	6020270	278.000	Ft
0320	_ Conc Pavt, Nonreinf, 5 inch	6027011	322.000	Syd
0330	Curb, Conc, Det E1	8020001	191.000	Ft
0340	Driveway Opening, Conc, Det M	8020050	164.000	Ft
0350	_ Curb and Gutter, Conc, Det B1, Modified	8027001	243.000	Ft
0360	_ Curb and Gutter, Conc, Det B1, Normal Slope, Special	8027001	1,451.000	Ft
0370	_ Curb and Gutter, Conc, Det B2, Normal Slope, Special	8027001	484.000	Ft
0380	_ Curb and Gutter, Conc, Det D1, Modified	8027001	248.000	Ft
0390	_ Conc Pavt, Decorative Colored, 8 inch	8037010	3,565.000	Sft
0400	_ Post, Mailbox, Modified	8077050	4.000	Ea
0410	Column, Breakaway, W8 x 13	8100120	8.000	Ea
0420	Fdn, Breakaway, W8 x 13	8100160	8.000	Ea
0430	Post, Steel, 3 lb	8100371	376.000	Ft
0440	Sign, Type IA	8100392	375.000	Sft
0450	Sign, Type III, Rem	8100403	5.000	Ea
0460	Sign, Type IIIA	8100404	12.000	Sft
0470	Sign, Type IIIB	8100405	31.000	Sft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,460.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,801.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,255.000	Ft
0510	Pavt Mrkg, Waterborne, 12 inch, White	8110237	130.000	Ft
0520	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	249.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,460.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,801.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,255.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	130.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	249.000	Ft
0580	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,460.000	Ft
0590	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,055.000	Ft
0600	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	379.000	Ft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0650	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0660	Sign Cover	8120310	6.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	661.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	661.000	Sft

0690	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	264.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	264.000	Sft
0710	_ Slope Restoration, Modified	8167011	3,100.000	Syd
0720	Monument Box	8210001	1.000	Ea
0730	Monument Preservation	8210010	1.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 045

Letting Date: January 5, 2018

Contract ID: 38141-129992

Description: 3.81 mi of hot mix asphalt cold milling and single-course overlay with shoulder gravel, signing and pavement markings on M-52 from the Jackson/Washtenaw county line northwesterly to M-106 in the village of Stockbridge, Jackson and Ingham Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129992A	N/A	N/A	M 38141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$80,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,747.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	Cold Milling HMA Surface	5010002	80,514.000	Syd
0050	HMA Quality Initiative	5010007	15,086.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	35,341.000	Dlr
0070	HMA, 5E3	5010057	7,543.000	Ton
0080	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
0090	Sign, Type IIB	8100399	25.000	Sft
0100	Reflective Panel for Permanent Sign Support, 3 foot	8100613	6.000	Ea
0110	Reflective Panel for Permanent Sign Support, 6 foot	8100616	23.000	Ea
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	40.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	335.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,255.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,340.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	335.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,255.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	40,340.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0200	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0210	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0220	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	40,340.000	Ft

0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,255.000	Ft
0290	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0310	Sign Cover	8120310	30.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Monument Box Adjust	8210005	1.000	Ea
0380	Centerline Corrugations, Milled, HMA	8220013	16,937.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 046

Letting Date: January 5, 2018

Contract ID: 50051-120477

Description: 0.32 mi of removal of auxiliary lane, construction of pedestrian refuge islands, curb and sidewalk replacement, signing and pavement markings on M-3 at 9 Mile Road in the city of Eastpointe, Macomb County. This is a Local Agency Project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120477A	1800160	N/A	HSIP 50051
200233A	1800129	N/A	HSIP 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	5.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	56.000	Ft
0040	Curb and Gutter, Rem	2040020	21.000	Ft
0050	Pavt, Rem	2040050	1,290.000	Syd
0060	Sidewalk, Rem	2040055	80.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	_ Conc Post Foundation, Rem	2047051	1.000	LSUM
0090	Embankment, CIP	2050010	867.000	Cyd
0100	Excavation, Earth	2050016	58.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base, 4 inch	3020010	590.000	Syd
0140	Aggregate Base, 6 inch	3020016	363.000	Syd
0150	Aggregate Base, 8 inch	3020020	200.000	Syd
0160	Sewer, CI E, 12 inch, Tr Det B	4020600	64.000	Ft
0170	Sewer Tap, 12 inch	4021204	7.000	Ea
0180	Trench Undercut and Backfill	4021260	15.000	Cyd
0190	Video Taping Sewer and Culv Pipe	4021275	64.000	Ft
0200	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure Cover, Type D	4030025	1.000	Ea
0240	Dr Structure Cover, Type K	4030050	8.000	Ea
0250	Dr Structure, 24 inch dia	4030200	4.000	Ea
0260	Dr Structure, 48 inch dia	4030210	5.000	Ea

0270	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0280	_ Storm Manhole Cover	4037050	1.000	Ea
0290	HMA Surface, Rem	5010005	1,564.000	Syd
0300	Joint and Crack, Cleanout	5010015	30.000	Ft
0310	Pavt Joint and Crack Repr, Det 7	5010020	30.000	Ft
0320	Hand Patching	5010025	28.000	Ton
0330	Joint, Expansion, E3	6020208	104.000	Ft
0340	Conc Quality Initiative	6020401	1,800.000	Dlr
0350	Lane Tie, Epoxy Anchored	6030030	1,163.000	Ea
0360	Pavt Repr, Nonreinf Conc, 9 inch	6030046	20.000	Syd
0370	Pavt Repr, Rem	6030080	299.000	Syd
0380	Saw Cut, Intermediate	6030090	1,230.000	Ft
0390	_ Automated Irrigation System	8007051	1.000	LSUM
0400	_ Curb and Gutter, Conc, Det C1, Modified	8027001	375.000	Ft
0410	_ Curb and Gutter, Conc, Det C3, Modified	8027001	1,252.000	Ft
0420	Detectable Warning Surface	8030010	117.000	Ft
0430	Curb Ramp Opening, Conc	8030030	151.000	Ft
0440	Sidewalk Ramp, Conc, 4 inch	8030034	336.000	Sft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	485.000	Sft
0460	Sidewalk, Conc, 4 inch	8030044	2,905.000	Sft
0470	Sidewalk, Clay Brick Pavers	8030050	667.000	Sft
0480	Sidewalk, Clay Brick Pavers, Rem	8030051	882.000	Sft
0490	_ Sidewalk Ramp, Conc, 8 inch	8037010	354.000	Sft
0500	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0510	Post, Steel, 3 lb	8100371	528.000	Ft
0520	Sign, Type IIB	8100399	21.000	Sft
0530	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0540	Sign, Type III, Rem	8100403	23.000	Ea
0550	Sign, Type IIIB	8100405	142.000	Sft
0560	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,917.000	Ft
0570	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	218.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13.000	Ft
0590	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	102.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	13.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	102.000	Ft
0620	Rem Spec Mrkg	8110343	1,500.000	Sft
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0650	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0660	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM

0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	200.000	Ft
0710	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	305.000	Ft
0720	Plastic Drum, High Intensity, Furn	8120250	140.000	Ea
0730	Plastic Drum, High Intensity, Oper	8120251	140.000	Ea
0740	Sign Cover	8120310	10.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	1,024.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	1,024.000	Sft
0770	_ Pedestrian, Type II, Barricade, Temp	8127050	10.000	Ea
0780	Watering and Cultivating, First Season, Min \$1,200.00	8150002	1.000	LSUM
0790	Watering and Cultivating, Second Season, Min \$1,500.00	8150003	1.000	LSUM
0800	Juniperus sabina Broadmoor, #5 cont	8151990	28.000	Ea
0810	Pennisetum alopecuroides Hameln, #2 cont.	8152640	142.000	Ea
0820	_ Annuals, Flats	8157050	3.000	Ea
0830	Sodding	8160055	25.000	Syd
0840	Topsoil Surface, Furn, 3 inch	8160061	25.000	Syd
0850	Water, Sodding/Seeding	8160090	2.000	Unit
0860	Slope Restoration, Type B	8160101	1,810.000	Syd
0870	_ Mulch, Modified	8167021	10.000	Cyd
0880	_ Planter Mix	8167021	50.000	Cyd
0890	Conduit, Directional Bore, 1 inch	8190040	150.000	Ft
0900	Conduit, Directional Bore, 3 inch	8190044	400.000	Ft
0910	Conduit, Directional Bore, 4 inch	8190046	268.000	Ft
0920	Conduit, Galv Steel, 1 inch	8190106	10.000	Ft
0930	Conduit, Schedule 80 PVC, 1 inch	8190155	200.000	Ft
0940	Light Std Fdn	8190279	3.000	Ea
0950	_ Cable, St Ltg, 600V,2,1/C #10 & 1, #12 Ground	8197001	220.000	Ft
0960	_ Light Std Shaft, Modified	8197050	3.000	Ea
0970	_ Luminaire, Special, 3000K LED	8197050	3.000	Ea
0980	TS, Bag	8200450	10.000	Ea
0990	TS, Bag, Rem	8200451	10.000	Ea
1000	_ Gate Well Cover, Adj, Case 1	8237050	1.000	Ea
1010	Contractor Staking, Road Only	8240007	1.000	LSUM
1020	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
1030	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
1040	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180105 047

Letting Date: January 5, 2018

Contract ID: 21021-125834

Description: 0.01 mi of traffic signal modernizations, sidewalk and ramp upgrades and widening for center-turn lane on US-2, US-41 and M-35 in the city of Escanaba, Delta County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125834A	1800161	N/A	STG 21021
132155A	1800166	N/A	NH 21022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$117,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	502.000	Ft
0030	Curb, Rem	2040021	402.000	Ft
0040	Pavt, Rem	2040050	10.000	Syd
0050	Sidewalk, Rem	2040055	430.000	Syd
0060	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	Embankment, LM	2050011	56.000	Cyd
0080	Excavation, Earth	2050016	500.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	20.000	Ft
0120	Erosion Control, Sediment Filter Fence	2080037	200.000	Ft
0130	Subbase, CIP	3010002	156.000	Cyd
0140	Aggregate Base	3020001	96.000	Ton
0150	Aggregate Base, 6 inch	3020016	597.000	Syd
0160	Cold Milling HMA Surface	5010002	2,666.000	Syd
0170	HMA Quality Initiative	5010007	556.000	Dlr
0180	Hand Patching	5010025	11.000	Ton
0190	HMA Approach, High Stress	5010520	268.000	Ton
0200	Conc Base Cse, Nonreinf, 9 inch	6020021	5.000	Syd
0210	_ Roadside Unit	8007050	6.000	Ea
0220	Curb and Gutter, Conc, Det C6	8020025	394.000	Ft
0230	Curb and Gutter, Conc, Det F6	8020040	488.000	Ft
0240	Detectable Warning Surface	8030010	233.000	Ft
0250	Curb Ramp Opening, Conc	8030030	269.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	4,466.000	Sft

0270	Fence, Protective	8080007	50.000	Ft
0280	Post, Steel, 3 lb	8100371	28.000	Ft
0290	Sign, Type III, Rem	8100403	2.000	Ea
0300	Sign, Type IIIA	8100404	10.000	Sft
0310	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,560.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	810.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, White	8110231	300.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	810.000	Ft
0350	Rem Spec Mrkg	8110343	2,150.000	Sft
0360	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0370	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0380	Recessing Pavt Mrkg, Longit	8110450	1,110.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Mobile Attenuator	8120180	1.000	Ea
0450	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	367.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0480	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea
0500	Sign Cover	8120310	6.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0520	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0570	Slope Restoration, Type B	8160101	110.000	Syd
0580	Conduit, DB, 1, 1 1/2 inch	8190027	1,430.000	Ft
0590	Conduit, DB, 3, 3 inch	8190035	160.000	Ft
0600	Conduit, DB, 4, 3 inch	8190038	42.000	Ft
0610	Hh, Rem	8190254	10.000	Ea
0620	Hh, Round, 3 foot dia	8190259	4.000	Ea
0630	Hh, Round	8190260	13.000	Ea
0640	Cable, Sec, 600V, 1, 3/C#6	8190399	450.000	Ft
0650	Wood Pole, Cl 4, 40 foot	8190473	5.000	Ea
0660	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
0670	Wood Pole, Rem	8190505	3.000	Ea
0680	Conduit, Directional Bore, 1, 3 inch	8190602	100.000	Ft

0690	Conduit, Directional Bore, 2, 3 inch	8190604	435.000	Ft
0700	Case Sign, Rem	8200020	6.000	Ea
0710	Conduit Repr, Under Pavt	8200027	20.000	Ft
0720	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0730	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	7.000	Ea
0740	Controller and Cabinet, Rem	8200030	6.000	Ea
0750	Controller and Cabinet, Digital Type	8200031	4.000	Ea
0760	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
0770	Controller and Cabinet, Salv	8200037	1.000	Ea
0780	Controller Fdn, Base Mount	8200045	4.000	Ea
0790	Controller Fdn, Rem	8200046	1.000	Ea
0800	Fdn, Rem	8200065	10.000	Ea
0810	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0820	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	6.000	Ea
0830	Metered Serv	8200090	6.000	Ea
0840	Metered Serv, Rem	8200095	6.000	Ea
0850	Pedestal, Alum	8200100	15.000	Ea
0860	Pedestal, Fdn	8200105	22.000	Ea
0870	Pedestal Fdn, Rem	8200106	5.000	Ea
0880	Pedestal, Rem	8200110	5.000	Ea
0890	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
0900	Pushbutton and Sign	8200121	38.000	Ea
0910	Pushbutton, Rem	8200122	8.000	Ea
0920	Pushbutton Pedestal, Alum	8200123	8.000	Ea
0930	Serv Disconnect	8200135	7.000	Ea
0940	Serv Disconnect, Rem	8200136	4.000	Ea
0950	Span Wire	8200140	21.000	Ea
0960	Span Wire, Rem	8200141	9.000	Ea
0970	Span Wire Tether	8200142	16.000	Ea
0980	Steel Pole, Rem	8200145	10.000	Ea
0990	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1000	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	11.000	Ea
1010	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1020	TS, Span Wire Mtd, Rem	8200182	17.000	Ea
1030	Warning Sign, Rem	8200261	1.000	Ea
1040	TS, Wireless Link, 5 Gigahertz, Master	8200274	3.000	Ea
1050	TS, Wireless Link, 5 Gigahertz, Remote	8200275	6.000	Ea
1060	TS, One Way Span Wire Mtd (LED)	8200313	44.000	Ea
1070	TS, One Way Span Wire Mtd, FYA (LED)	8200314	10.000	Ea
1080	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
1090	TS, One Way Bracket Arm Mtd (LED)	8200333	8.000	Ea
1100	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	7.000	Ea
1110	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	9.000	Ea

1120	TS, One Way Pedestal Mtd (LED)	8200340	12.000	Ea
1130	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
1140	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1150	Bracket, Truss, With 18 Foot Arm	8200378	5.000	Ea
1160	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
1170	Wireless Intercn, Closed Loop, Remote	8200395	5.000	Ea
1180	Wireless Vehicle Detection System, Rem	8200423	3.000	Ea
1190	Wireless Vehicle Sensor Node, Rem	8200426	35.000	Ea
1200	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	4.000	Ea
1210	Hemispherical Video Detection Camera	8200444	5.000	Ea
1220	Hemispherical Video Detection System	8200445	5.000	Ea
1230	Strain Pole, Steel, 6 bolt, 30 foot	8200460	11.000	Ea
1240	Strain Pole, Steel, 6 bolt, 40 foot	8200462	6.000	Ea
1250	Strain Pole Fdn, 6 Bolt	8200470	244.000	Ft
1260	Casing	8200480	193.000	Ft
1270	Cellular Modem, TS, 4G	8200498	5.000	Ea
1280	Backplate, TS	8200501	38.000	Ea
1290	Protect Corners	8210020	4.000	Ea
1300	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1310	Contractor Staking, Road Only	8240007	1.000	LSUM
1320	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1330	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1340	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr
1350	System Integration and Testing	8260160	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180105 048

Letting Date: January 5, 2018

Contract ID: 33084-107028

Description: Hot mix asphalt cold milling and resurfacing of MDOT Park and Ride lot on I-96 at Williamston Road, Ingham County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
107028A	1800175	N/A	ST 33084

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,100.00	1500001	1.000	LSUM
0020	Subgrade Undercutting, Type I	2050040	40.000	Cyd
0030	Erosion Control, Silt Fence	2080036	100.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0050	Aggregate Base, Conditioning	3020050	200.000	Syd
0060	Shoulder, CI II	3070121	9.000	Ton
0070	Cold Milling HMA Surface	5010002	2,800.000	Syd
0080	HMA Surface, Rem	5010005	320.000	Syd
0090	Hand Patching	5010025	75.000	Ton
0100	HMA, LVSP	5010703	315.000	Ton
0110	Post, Steel, 3 lb	8100371	42.000	Ft
0120	Sign, Type IIIA	8100404	5.000	Sft
0130	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	750.000	Ft
0150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	9.000	Ea
0160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	9.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	1.000	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	5.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	258.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	258.000	Sft
0250	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0260	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea

0270	Slope Restoration, Type A	8160100	350.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 180105 049

Letting Date: January 5, 2018

Contract ID: 38011-132577

Description: 8.00 mi of single chip sealing, warranty, with fog sealing, shoulder gravel and pavement markings on M-99 from I-94 northerly to Willow Street in the village of Springport, Jackson County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132577A	1800164	N/A	ST 38011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$62,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	3,459.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	Overband Crack Fill, Lane	5020003	16.000	Lnmi
0050	Chip Seal, Single, Warranty	5050040	145,005.000	Syd
0060	_ Seal, Fog	5057011	145,005.000	Syd
0070	Reflective Panel for Permanent Sign Support, 6 foot	8100616	63.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, Yellow	8110082	40.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,914.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,564.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38,914.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,564.000	Ft
0130	Rem Spec Mrkg	8110343	14.000	Sft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Pavt Mrkg, Polyurea, School	8110414	1.000	Ea
0160	Recessing Pavt Mrkg, Turning Guide Line	8110452	14.000	Sft
0170	Channelizing Device, 42 inch, Furn	8120030	130.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	130.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	38,914.000	Ft
0230	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0250	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	3,464.000	Ea
0260	Sign Cover	8120310	10.000	Ea

0270	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Centerline Corrugations, Milled, HMA	8220013	39,917.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180105 050

Letting Date: January 5, 2018

Contract ID: 39081-131571

Description: 5.95 mi of overband crack filling pre-treatment, single-course microsurfacing and single-course chip sealing on M-40 from the south city limits to the north city limits of Gobles and on M-43 from the Van Buren/Kalamazoo county line to US-131 in the city of Gobles, Kalamazoo and Van Buren Counties. This project includes two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131571A	1800165	N/A	ST 39081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$93,700.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	105.000	Ea
0030	Cold Milling HMA Surface	5010002	700.000	Syd
0040	Hand Patching	5010025	82.000	Ton
0050	Overband Crack Fill, Lane	5020003	27.000	Lnmi
0060	Micro-Surface, Single Cse, Warranty	5040020	233,500.000	Syd
0070	Chip Seal, Single, Warranty	5050040	18,600.000	Syd
0080	_ Seal, Fog	5057011	18,600.000	Syd
0090	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,850.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	200.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Turning Guide Line, White	8110053	140.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, School	8110074	3.000	Ea
0150	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,000.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	63,800.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	57,300.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	63,800.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	57,300.000	Ft
0220	Rem Spec Mrkg	8110343	4,000.000	Sft
0230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0240	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	240.000	Ft
0250	Recessing Pavt Mrkg, Turning Guide Line	8110452	70.000	Sft

0260	Protective Ovly, Snowmobile Trail Crossing	8110550	67.000	Syd
0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	120,000.000	Ft
0310	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	10.000	Ea
0320	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	210.000	Ea
0330	Sign Cover	8120310	30.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0380	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0390	Monument Box	8210001	20.000	Ea
0400	Monument Box Adjust	8210005	20.000	Ea
0410	Monument Preservation	8210010	5.000	Ea
0420	Protect Corners	8210020	35.000	Ea
0430	Contractor Staking, Road Only	8240007	1.000	LSUM
0440	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0450	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0460	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr