



2/23/2018 11:29 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 001

Letting Date: April 6, 2018

Contract ID: 73000-201462

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201462A	1800444	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$253,700.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch, White	8110111	1,044.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	750,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,251,000.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,970,000.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,088,000.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	430,500.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	610,000.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,409,000.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,210,000.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,231,000.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,100.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	37,500.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	1,300.000	Ft
0170	Recessing Pavt Mrkg, Longit	8110450	1,044.000	Ft
0180	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	300,000.000	Ft
0190	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	140,000.000	Ft
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0220	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 002

Letting Date: April 6, 2018

Contract ID: 38082-201485

Description: Application of longitudinal pavement markings on various routes, Clinton, Eaton, Ingham, Livingston, Jackson, Washtenaw, Hillsdale, Lenawee and Monroe Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201485A	1800445	N/A	HSIP 38082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$236,400.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	383.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	992,063.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,650,022.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,664,252.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,511,148.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	510,572.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	387,288.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,022,221.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,602,212.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	846,239.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	61,723.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	340.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	7,601.000	Ft
0160	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	343,130.000	Ft
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	850.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 003

Letting Date: April 6, 2018

Contract ID: 44000-132326

Description: 0.21 mi of pavement removal, hot mix asphalt surfacing, concrete curb and gutter, driveways and ramps, earth excavation, aggregate base, storm sewer and drainage on Baldwin Road north of the south city limits of Lapeer, Lapeer County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132326A	1800341	N/A	STUL 44000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	30.000	Ft
0050	Curb and Gutter, Rem	2040020	320.000	Ft
0060	_ Pavt, Rem, Modified	2047011	3,505.000	Syd
0070	Embankment, CIP	2050010	800.000	Cyd
0080	Excavation, Earth	2050016	3,075.000	Cyd
0090	_ Subgrade Undercutting, Type II, Modified	2057021	250.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0110	Erosion Control, Silt Fence	2080036	210.000	Ft
0120	Subbase, CIP	3010002	645.000	Cyd
0130	_ Aggregate Base, 12 inch, Modified	3027011	3,750.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	240.000	Syd
0150	_ Maintenance Gravel, Modified	3067031	100.000	Ton
0160	Geotextile, Separator	3080005	4,125.000	Syd
0170	Sewer Tap, 12 inch	4021204	1.000	Ea
0180	_ Sewer, CI E, 12 inch, Tr Det B, Modified	4027001	1,101.000	Ft
0190	_ Storm Sewer Lead, 6 inch	4027001	270.000	Ft
0200	Dr Structure Cover, Type B	4030010	5.000	Ea
0210	Dr Structure Cover, Type E	4030035	1.000	Ea
0220	Dr Structure Cover, Type K	4030050	8.000	Ea
0230	Dr Structure Cover, Type Q	4030065	1.000	Ea
0240	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0250	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0260	_ Dr Structure, Adj, Add Depth, Modified	4037001	2.000	Ft
0270	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	4.000	Ea

0280	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	4.000	Ea
0290	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea
0300	_ Dr Structure, 48 inch dia, Modified	4037050	11.000	Ea
0310	_ Underdrain, Subbase, 6 inch, Modified	4047001	2,000.000	Ft
0320	HMA, 3C	5010031	635.000	Ton
0330	HMA, 13A	5010033	635.000	Ton
0340	HMA Approach	5010061	40.000	Ton
0350	Cement	6030005	2.000	Ton
0360	Driveway, Nonreinf Conc, 6 inch	8010005	355.000	Syd
0370	Curb and Gutter, Conc, Det C4	8020023	1,915.000	Ft
0380	Driveway Opening, Conc, Det M	8020050	127.000	Ft
0390	Post, Mailbox	8070095	7.000	Ea
0400	Post, Steel, 3 lb	8100371	141.000	Ft
0410	Sign, Type IIA	8100398	10.000	Sft
0420	Sign, Type III, Rem	8100403	6.000	Ea
0430	Sign, Type IIIB	8100405	42.000	Sft
0440	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,900.000	Ft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0470	Dust Palliative, Applied	8120100	10.000	Ton
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	623.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	623.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	86.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	86.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	_ Turf Establishment, Performance	8167011	2,850.000	Syd
0570	Gate Box, Adj, Case 2	8230432	3.000	Ea
0580	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180406 004

Letting Date: April 6, 2018

Contract ID: 39000-130810

Description: 0.61 mi of hot mix asphalt resurfacing, concrete curb, gutter, sidewalk and ramps, storm sewer and watermain on Westnedge Avenue from Mall Drive to Romence Road in the city of Portage, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130810A	1800326	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$156,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	19.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	175.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	675.000	Ft
0050	Curb and Gutter, Rem	2040020	1,900.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0070	Sidewalk, Rem	2040055	450.000	Syd
0080	Exploratory Investigation, Vertical	2040080	150.000	Ft
0090	_ Pavt, Rem, Modified	2047011	1,725.000	Syd
0100	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	75.000	Ea
0120	Subbase, CIP	3010002	365.000	Cyd
0130	Aggregate Base, 8 inch	3020020	1,095.000	Syd
0140	Maintenance Gravel, LM	3060021	500.000	Cyd
0150	Sewer, CI IV, 12 inch, Tr Det B	4020987	40.000	Ft
0160	Sewer, CI IV, 18 inch, Tr Det B	4020989	320.000	Ft
0170	Sewer, CI IV, 30 inch, Tr Det B	4020994	445.000	Ft
0180	Sewer, CI IV, 36 inch, Tr Det B	4020995	15.000	Ft
0190	Trench Undercut and Backfill	4021260	300.000	Cyd
0200	Video Taping Sewer and Culv Pipe	4021275	850.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	39.000	Ea
0220	Dr Structure, 48 inch dia	4030210	10.000	Ea
0230	Dr Structure, 60 inch dia	4030220	5.000	Ea
0240	Dr Structure, 84 inch dia	4030231	2.000	Ea
0250	Dr Structure, Temp Lowering	4030390	21.000	Ea
0260	_ Dr Structure Cover, Type B, Modified	4037050	24.000	Ea
0270	_ Dr Structure Cover, Type D, ADA, Modified	4037050	1.000	Ea

0280	_ Dr Structure Cover, Type D, Modified	4037050	2.000	Ea
0290	_ Dr Structure Cover, Type KL, Modified	4037050	16.000	Ea
0300	_ Dr Structure Cover, Type Q, Modified	4037050	10.000	Ea
0310	_ Dr Structure, Reconstruct	4037050	9.000	Ea
0320	Underdrain, Subgrade, 4 inch	4040071	2,225.000	Ft
0330	Underdrain, Subgrade, 6 inch	4040073	850.000	Ft
0340	Pavt, Cleaning	5010001	1.000	LSUM
0350	Cold Milling HMA Surface	5010002	33,750.000	Syd
0360	Hand Patching	5010025	220.000	Ton
0370	HMA, 3E10	5010046	205.000	Ton
0380	HMA, 4E10	5010052	3,480.000	Ton
0390	HMA, 5E10	5010058	3,660.000	Ton
0400	HMA Approach	5010061	153.000	Ton
0410	HMA, Temp Pavt (LVSP)	5020807	270.000	Ton
0420	Conc Base Cse, Nonreinf, 6 inch	6020015	643.000	Syd
0430	Cement	6030005	10.000	Ton
0440	_ Curb and Gutter, Conc, Det C2, Modified	8027001	1,565.000	Ft
0450	_ Curb and Gutter, Conc, Det C4, Modified	8027001	475.000	Ft
0460	_ Driveway Opening, Conc, Det M, Modified	8027001	485.000	Ft
0470	Curb Ramp Opening, Conc	8030030	205.000	Ft
0480	Sidewalk, Conc, 4 inch	8030044	200.000	Sft
0490	_ Detectable Warning Surface, Cast Iron	8037001	20.000	Ft
0500	_ Sidewalk Ramp, Conc, 8 inch	8037010	200.000	Sft
0510	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0520	Post, Steel, 3 lb	8100371	495.000	Ft
0530	Sign, Type IA	8100392	22.000	Sft
0540	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0550	Sign, Type III, Rem	8100403	19.000	Ea
0560	Sign, Type IIIA	8100404	32.000	Sft
0570	Sign, Type IIIB	8100405	125.000	Sft
0580	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,035.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Yellow	8110043	100.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	535.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	7.000	Ea
0670	Recessing Pavt Mrkg, Longit	8110450	11,600.000	Ft
0680	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, White	8110500	4,350.000	Ft
0690	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, Yellow	8110504	7,250.000	Ft
0700	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea

0710	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0740	Ltg for Night Work	8120160	1.000	LSUM
0750	Minor Traf Devices	8120170	1.000	LSUM
0760	Pavt Mrkg Cover, Type R, Black	8120200	2,000.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	11,000.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	25,000.000	Ft
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,000.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0810	Plastic Drum, High Intensity, Furn	8120250	650.000	Ea
0820	Plastic Drum, High Intensity, Oper	8120251	650.000	Ea
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	50.000	Ea
0840	Sign Cover	8120310	30.000	Ea
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	2,030.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	2,030.000	Sft
0870	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	350.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	350.000	Sft
0890	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0900	_ Project Sign	8127050	2.000	Ea
0910	Slope Restoration, Type B	8160101	1,500.000	Syd
0920	Monument Box Adjust	8210005	2.000	Ea
0930	Monument Preservation	8210010	2.000	Ea
0940	Hydrant, Rem	8230091	1.000	Ea
0950	Gate Box, Adj, Temp, Case 1	8230391	7.000	Ea
0960	_ Water Main, DI, CL 52, 8 inch, Tr Det G, Modified	8237001	185.000	Ft
0970	_ Water Main, DI, CL 53, 12 inch, Tr Det G, Modified	8237001	150.000	Ft
0980	_ Gate Box, Modified	8237050	10.000	Ea
0990	_ Hydrant Assembly, Modified	8237050	3.000	Ea
1000	_ Inline Water Valve, 12 inch	8237050	4.000	Ea
1010	_ Live Tap, 8 inch x 12 inch, Modified	8237050	3.000	Ea
1020	_ Water Serv, 2 inch, Modified	8237050	2.000	Ea
1030	_ Sanitary Service, PVC, 6 inch	8257001	20.000	Ft
1040	_ Sanitary Cleanout	8257050	1.000	Ea
1050	Flowable Fill, Non-Structural	8260148	25.000	Cyd
1060	_ Segmental Retaining Wall, Split Face	8507011	45.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180406 005

Letting Date: April 6, 2018

Contract ID: 41000-130762

Description: 1.08 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on Breton Road from Lake Drive to the south city limits of East Grand Rapids in the city of East Grand Rapids, Kent County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130762A	1800283	N/A	STU 41000

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	Curb and Gutter, Rem	2040020	3,200.000	Ft
0030	Pavt, Rem	2040050	2,400.000	Syd
0040	Sidewalk, Rem	2040055	1,100.000	Syd
0050	Excavation, Earth	2050016	500.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0070	_ Erosion Control, Inlet Protection, Silt Bag	2087050	63.000	Ea
0080	Subbase, CIP	3010002	600.000	Cyd
0090	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	1,500.000	Syd
0100	_ Driveway Maintenance, Commercial	3067050	2.000	Ea
0110	_ Driveway Maintenance, Residential	3067050	76.000	Ea
0120	_ Storm Sewer Cleanout w/ Wye, 4 inch	4027050	4.000	Ea
0130	Dr Structure Cover, Adj, Case 1	4030005	62.000	Ea
0140	Dr Structure Cover, Type B	4030010	30.000	Ea
0150	Dr Structure Cover, Type K	4030050	7.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	75.000	Ft
0170	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0180	Dr Structure, Tap, 6 inch	4030306	16.000	Ea
0190	Dr Structure, Temp Lowering	4030390	62.000	Ea
0200	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,500.000	Ft
0210	Cold Milling HMA Surface	5010002	22,000.000	Syd
0220	Hand Patching	5010025	150.000	Ton
0230	HMA, 4E1	5010050	2,300.000	Ton
0240	HMA, 5E1	5010056	2,100.000	Ton
0250	Cement	6030005	5.000	Ton
0260	Driveway, Nonreinf Conc, 6 inch	8010005	400.000	Syd
0270	_ Curb and Gutter, Conc, Det F2, Modified	8027001	600.000	Ft

0280	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,000.000	Ft
0290	Curb Ramp Opening, Conc	8030030	600.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	3,500.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	2,800.000	Sft
0320	Sidewalk, Conc, 6 inch	8030046	2,750.000	Sft
0330	_ Detectable Warning Surface, Modified	8037001	275.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,500.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	450.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,000.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,500.000	Ft
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	27.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	27.000	Ea
0430	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0440	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	250.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0500	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0510	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	155.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	155.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Pedestrian Type II Barricade, Temp	8127050	35.000	Ea
0580	_ Turf Establishment	8167011	3,700.000	Syd
0590	Conduit, Schedule 80 PVC, 4 inch	8190161	400.000	Ft
0600	_ Water Valve Box, Adj	8237050	38.000	Ea
0610	_ Sprinkler Pipe, PVC	8257001	500.000	Ft
0620	_ Sprinkler Head, New or Salvaged	8257050	30.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 006

Letting Date: April 6, 2018

Contract ID: 29057-133022

Description: 1.60 mi of bike and pedestrian safety improvements including installation of concrete sidewalks, ramps, driveway, curb, gutter and crosswalks, drainage, sewer and pavement markings on Oak Street at Ashley Elementary School and at Ashley Middle School in the village of Ashley, Gratiot 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
133022A	1800314	N/A	TAL 29057

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Curb and Gutter, Rem	2040020	50.000	Ft
0050	Pavt, Rem	2040050	106.000	Syd
0060	Sidewalk, Rem	2040055	1,754.000	Syd
0070	Embankment, CIP	2050010	405.000	Cyd
0080	Excavation, Earth	2050016	1,418.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0120	Erosion Control, Silt Fence	2080036	265.000	Ft
0130	Subbase, CIP	3010002	557.000	Cyd
0140	Maintenance Gravel	3060020	100.000	Ton
0150	_ Approach, CI I, 4 inch, Modified	3077011	570.000	Syd
0160	_ Approach, CI II, 4 inch, Modified	3077011	69.000	Syd
0170	_ Sewer, SDR-26, 12 inch, Tr Det B-Modified	4027001	24.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0200	Dr Structure Cover, Type B	4030010	2.000	Ea
0210	Dr Structure, 24 inch dia	4030200	3.000	Ea
0220	_ Dr Structure Cover, Type DG	4037050	6.000	Ea
0230	Underdrain, Subgrade, 6 inch	4040073	50.000	Ft
0240	HMA Surface, Rem	5010005	183.000	Syd
0250	Hand Patching	5010025	33.000	Ton

0260	Driveway, Nonreinf Conc, 6 inch	8010005	342.000	Syd
0270	Curb and Gutter, Conc, Det F4	8020038	6.000	Ft
0280	_ Curb, Conc, Det E2, Modified	8027001	59.000	Ft
0290	Detectable Warning Surface	8030010	297.000	Ft
0300	Curb Ramp Opening, Conc	8030030	36.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	2,835.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	35,223.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	4,684.000	Sft
0340	Post, Mailbox	8070095	10.000	Ea
0350	Post, Steel, 3 lb	8100371	60.000	Ft
0360	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0370	Sign, Type III, Rem	8100403	7.000	Ea
0380	Sign, Type IIIA	8100404	25.000	Sft
0390	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,050.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, High Intensity, Furn	8120250	90.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	90.000	Ea
0470	Sign Cover	8120310	12.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	452.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	452.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	_ Pedestrian Type II Barricade, Temp	8127050	64.000	Ea
0540	_ Slope Restoration, Modified	8167011	19,000.000	Syd
0550	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0560	Water Shutoff, Adj, Case 2	8230422	21.000	Ea
0570	Gate Box, Adj, Case 1	8230431	3.000	Ea
0580	Gate Box, Adj, Case 2	8230432	7.000	Ea
0590	_ Railroad Protection, at Grade Crossing	8507060	2,800.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 007

Letting Date: April 6, 2018

Contract ID: 13000-130177

Description: 1.34 mi of hot mix asphalt surfacing, aggregate shoulder and pavement markings on McAllister Road from Verona Road to N Drive North/Gorsline Road, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130177A	1800313	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,500.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	350.000	Syd
0030	Machine Grading	2050030	141.000	Sta
0040	Shoulder, CI II	3070121	855.000	Ton
0050	_ Approach, CI II, Modified	3077031	110.000	Ton
0060	Pavt for Butt Joints, Rem	5010008	2,260.000	Syd
0070	HMA, LVSP	5010703	3,800.000	Ton
0080	Post, Mailbox	8070095	40.000	Ea
0090	Post, Steel, 3 lb	8100371	645.000	Ft
0100	Sign, Type III, Rem	8100403	31.000	Ea
0110	Sign, Type IIIA	8100404	18.000	Sft
0120	Sign, Type IIIB	8100405	256.000	Sft
0130	Sign, Type V, Rem	8100421	2.000	Ea
0140	Sign, Type VB	8100425	22.000	Sft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	15.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,100.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,100.000	Ft
0180	Channelizing Device, 42 inch, Furn	8120030	85.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	85.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	_ Slope Restoration, Modified	8167011	3,300.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 008

Letting Date: April 6, 2018

Contract ID: 13000-130038

Description: 1.20 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulder, tree trimming and pavement marking on East Avenue from Roosevelt Avenue northward to Morgan Road, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130038A	1800312	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,600.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	100.000	Syd
0030	_ Clearing, Modified	2047051	1.000	LSUM
0040	_ Machine Grading, Modified	2057002	69.000	Sta
0050	Aggregate Base	3020001	25.000	Ton
0060	Shoulder, CI II	3070121	450.000	Ton
0070	Trenching	3070200	3.000	Sta
0080	_ Approach, CI II, Modified	3077031	50.000	Ton
0090	Cold Milling HMA Surface	5010002	8,000.000	Syd
0100	HMA Surface, Rem	5010005	200.000	Syd
0110	Pavt for Butt Joints, Rem	5010008	295.000	Syd
0120	Hand Patching	5010025	15.000	Ton
0130	HMA, 5E1	5010056	1,600.000	Ton
0140	Post, Mailbox	8070095	50.000	Ea
0150	Post, Steel, 3 lb	8100371	604.000	Ft
0160	Sign, Type III, Rem	8100403	25.000	Ea
0170	Sign, Type IIIA	8100404	27.000	Sft
0180	Sign, Type IIIB	8100405	150.000	Sft
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	35.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	12,220.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,220.000	Ft
0220	Pavt Mrkg, Thermopl, Rumble Strip	8110470	700.000	Ft
0230	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	75.000	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	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Slope Restoration, Modified	8167011	150.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 009

Letting Date: April 6, 2018

Contract ID: 63000-202066

Description: 0.52 mi of concrete pavement repairs and miscellaneous curb and gutter on West Long Lake Road from Corporate Drive to Tower Drive in the city of Troy, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202066A	1800355	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	467.000	Ft
0030	Pavt, Rem	2040050	2,382.000	Syd
0040	Sidewalk, Rem	2040055	29.000	Syd
0050	_ Excavation, Earth, RCOC	2057011	11.000	Syd
0060	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	63.000	Ea
0070	_ Aggregate Base, 4 inch, CIP, 21AA, RCOC	3027011	11.000	Syd
0080	Maintenance Gravel	3060020	30.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0100	Dr Structure Cover, Type B	4030010	2.000	Ea
0110	Dr Structure Cover, Type J	4030045	2.000	Ea
0120	Dr Structure Cover, Type K	4030050	2.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0140	_ Public Utility Structure, Adj, Add Depth	4037001	10.000	Ft
0150	_ Public Utility Structure Cover, Adj, Case 1	4037050	6.000	Ea
0160	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0170	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	67.000	Syd
0180	Joint, Plane-of-Weakness, W	6020211	2,105.000	Ft
0190	Joint, Contraction, Crg	6030020	7,532.000	Ft
0200	Lane Tie, Epoxy Anchored	6030030	2,252.000	Ea
0210	Pavt Repr, Nonreinf Conc, 10 inch	6030048	5,250.000	Syd
0220	Pavt Repr, Rem	6030080	2,833.000	Syd
0230	Saw Cut, Intermediate	6030090	3,329.000	Ft
0240	Reinforcement, Steel	7060090	574.000	Lb
0250	Curb and Gutter, Conc, Det B3	8020017	53.000	Ft
0260	Curb and Gutter, Conc, Det F3	8020037	327.000	Ft
0270	_ Driveway Opening, Conc, Det M, RCOC	8027001	102.000	Ft
0280	Curb Ramp Opening, Conc	8030030	6.000	Ft

0290	Sidewalk Ramp, Conc, 6 inch	8030036	30.000	Sft
0300	Sidewalk, Conc, 4 inch	8030044	209.000	Sft
0310	_ Detectable Warning Surface, City of Troy	8037001	6.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	220.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	10,281.000	Ft
0340	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	220.000	Ft
0350	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	10,281.000	Ft
0360	Rem Curing Compound, for Spec Mrkg	8110321	3,646.000	Sft
0370	Rem Spec Mrkg	8110343	3,647.000	Sft
0380	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	1,286.000	Ft
0390	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	566.000	Ft
0400	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	32.000	Ea
0410	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	28.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0440	Channelizing Device, 42 inch, Furn	8120030	315.000	Ea
0450	Channelizing Device, 42 inch, Oper	8120031	315.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0510	Sign Cover	8120310	5.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	732.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	732.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Turf Establishment, Sod, Performance, RCOC	8167011	253.000	Syd
0580	Monument Box Adjust	8210005	1.000	Ea
0590	_ Sprinkler Line	8237001	150.000	Ft
0600	_ Sprinkler Head, Relocate	8237050	20.000	Ea
0610	_ Sprinkler Head, Replace	8237050	20.000	Ea
0620	_ Valve Box, Adj, Case 1	8237050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180406 010

Letting Date: April 6, 2018

Contract ID: 04141-130299

Description: 1.61 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders and pavement markings on Indian Reserve Road from Precour Road north to Werth Road, Alpena County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130299A	1800373	N/A	STL 04141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$52,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0050	Pavt, Rem	2040050	158.000	Syd
0060	Embankment, CIP	2050010	1,705.000	Cyd
0070	Excavation, Earth	2050016	8,790.000	Cyd
0080	_ Subbase, CIP, Modified	3017021	544.000	Cyd
0090	_ Aggregate Base, Modified	3027031	5,799.000	Ton
0100	_ HMA Base Crushing and Shaping, Modified	3057011	19,989.000	Syd
0110	Approach, CI I	3070001	294.000	Ton
0120	Approach, CI II	3070021	297.000	Ton
0130	Trenching	3070200	96.000	Sta
0140	_ Shoulder, CI II, Modified	3077031	1,487.000	Ton
0150	_ Culv, CI E, 15 inch, Modified	4017001	144.000	Ft
0160	_ Culv, CI E, 18 inch, Modified	4017001	128.000	Ft
0170	_ Culv, CI F, 15 inch, CSP, Modified	4017001	1,649.000	Ft
0180	HMA Surface, Rem	5010005	412.000	Syd
0190	HMA, 13A	5010033	3,716.000	Ton
0200	_ HMA Approach, Modified	5017031	182.000	Ton
0210	Driveway, Nonreinf Conc, 6 inch	8010005	101.000	Syd
0220	_ Post, Mailbox, Modified	8077050	40.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,800.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,465.000	Ft
0250	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0260	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	350.000	Ft
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	384.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	384.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Slope Restoration	8167011	21,000.000	Syd
0350	Monument Box	8210001	4.000	Ea
0360	Monument Preservation	8210010	4.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 011

Letting Date: April 6, 2018

Contract ID: 78000-132355

Description: 0.21 mi of aluminum culvert installation, hot mix asphalt resurfacing, excavation, embankment, aggregate base, guardrail and pavement markings on South River Road near Noah Lake Road (Boat Launch), St. Joseph County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132355A	1800319	N/A	STUL 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,400.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	100.000	Cyd
0030	Excavation, Earth	2050016	630.000	Cyd
0040	Machine Grading	2050030	11.000	Sta
0050	Erosion Control, Turbidity Curtain, Shallow	2080044	1,500.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0070	Aggregate Base, 10 inch	3020026	4,360.000	Syd
0080	Shoulder, CI II	3070121	165.000	Ton
0090	_ High Performance Biaxial Geogrid	3087011	4,260.000	Syd
0100	_ Aluminum Box Culvert 10'11" x 4'3"	4017050	1.000	Ea
0110	HMA Surface, Rem	5010005	2,603.000	Syd
0120	HMA, LVSP	5010703	575.000	Ton
0130	Guardrail, Type B	8070000	1,275.000	Ft
0140	Guardrail, Curved, Type B	8070010	25.000	Ft
0150	Guardrail, Backed, Det G2	8070016	2.000	Ea
0160	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0170	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0180	Guardrail Reflector	8070080	69.000	Ea
0190	Post, Mailbox	8070095	6.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	157.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	157.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	18.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	18.000	Sft

0270	Riprap, Plain	8130010	810.000	Syd
0280	Fertilizer, Chemical Nutrient, CI A	8160020	50.000	Lb
0290	Mulch Blanket	8160027	900.000	Syd
0300	Seeding, Mixture TDS	8160037	50.000	Lb
0310	Topsoil Surface, Furn, 3 inch	8160061	900.000	Syd
0320	Monument Preservation	8210010	1.000	Ea

Section: 2

0330	Structures, Rem	2040060	1.000	LSUM
0340	Aggregate, 6A	2060001	135.000	Cyd
0350	Backfill, Structure, CIP	2060002	545.000	Cyd
0360	Excavation, Fdn	2060010	725.000	Cyd
0370	Erosion Control, Filter Bag	2080014	1.000	Ea
0380	Geotextile, Separator	3080005	280.000	Syd
0390	Cofferdams	7040007	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 012

Letting Date: April 6, 2018

Contract ID: 82555-133422

Description: 0.53 mi of concrete pavement, sidewalk and ramps, storm sewer, watermain and pavement markings on Cherry Hill Street from Telegraph Road to Outer Drive in the city of Dearborn, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133422A	1800356	N/A	STU 82555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$240,700.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	22.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	158.000	Ft
0040	Pavt, Rem	2040050	13,100.000	Syd
0050	Sidewalk, Rem	2040055	1,600.000	Syd
0060	_ Driveway Apron, Rem	2047011	860.000	Syd
0070	_ Fill Exsiting Sewer w/Grout	2047021	31.000	Cyd
0080	Excavation, Earth	2050016	2,250.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base, 6 inch	3020016	13,100.000	Syd
0130	Maintenance Gravel, LM	3060021	400.000	Cyd
0140	Sewer, Cl A, 6 inch, Tr Det B	4020030	2,025.000	Ft
0150	Sewer, Cl E, 12 inch, Tr Det B	4020600	991.000	Ft
0160	Sewer, Cl E, 15 inch, Tr Det B	4020601	143.000	Ft
0170	Sewer, Cl E, 18 inch, Tr Det B	4020602	102.000	Ft
0180	Sewer, Cl E, 24 inch, Tr Det B	4020603	596.000	Ft
0190	Sewer Tap, 6 inch	4021201	162.000	Ea
0200	Sewer Tap, 12 inch	4021204	3.000	Ea
0210	Sewer Tap, 18 inch	4021206	1.000	Ea
0220	Sewer Bulkhead, 12 inch	4021230	42.000	Ea
0230	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0240	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0250	Video Taping Sewer and Culv Pipe	4021275	1,832.000	Ft
0260	_ Sewer Bulkhead, 12 inch, Rem	4027050	2.000	Ea
0270	_ Sewer Bulkhead, 15 inch, Rem	4027050	2.000	Ea

0280	_ Sewer Bulkhead, 18 inch, Rem	4027050	3.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0300	Dr Structure, 24 inch dia	4030200	7.000	Ea
0310	Dr Structure, 48 inch dia	4030210	14.000	Ea
0320	Dr Structure, 60 inch dia	4030220	2.000	Ea
0330	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	5.000	Ft
0340	Dr Structure, Adj, Add Depth	4030280	21.000	Ft
0350	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0360	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0370	_ Dr Structure Cover, Modified	4037050	14.000	Ea
0380	Underdrain, Subgrade, 6 inch	4040073	5,700.000	Ft
0390	HMA Surface, Rem	5010005	12,700.000	Syd
0400	Pavt for Butt Joints, Rem	5010008	100.000	Syd
0410	Hand Patching	5010025	40.000	Ton
0420	_ Furnish and Maintain Temp Pavt	5017011	200.000	Syd
0430	_ Conc Pavt with Integral Curb, Nonreinf, 10 inch, Modified	6027011	50.000	Syd
0440	_ Conc Pavt with Integral Curb, Nonreinf, 8 inch, Modified	6027011	13,100.000	Syd
0450	Driveway, Nonreinf Conc, 8 inch	8010007	60.000	Syd
0460	_ Driveway, Nonreinf Conc, 5 inch	8017011	800.000	Syd
0470	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0480	Detectable Warning Surface	8030010	560.000	Ft
0490	Sidewalk Ramp, Conc, 4 inch	8030034	3,100.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	9,500.000	Sft
0510	Sidewalk, Conc, 6 inch	8030046	400.000	Sft
0520	_ Sidewalk, Conc, 5 inch	8037010	1,250.000	Sft
0530	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0540	Post, Steel, 3 lb	8100371	50.000	Ft
0550	Sign, Type III, Erect, Salv	8100402	65.000	Ea
0560	Sign, Type III, Rem	8100403	65.000	Ea
0570	Sign, Type IIIB	8100405	50.000	Sft
0580	Pavt Mrkg, Polyurea, 4 inch, White	8110091	150.000	Ft
0590	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	7,500.000	Ft
0600	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	600.000	Ft
0610	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	200.000	Ft
0620	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	300.000	Ft
0630	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
0640	Rem Curing Compound, for Spec Mrkg	8110321	100.000	Sft
0650	Rem Spec Mrkg	8110343	100.000	Sft
0660	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0670	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0680	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0690	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Furn	8120022	75.000	Ea

0710	Barricade, Type III, High Intensity, Lighted, Oper	8120023	75.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0760	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,000.000	Ft
0790	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0800	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0830	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0840	Mulch Blanket	8160027	200.000	Syd
0850	Seeding, Mixture TUF	8160042	20.000	Lb
0860	Sodding	8160055	5,000.000	Syd
0870	Topsoil Surface, Furn, 4 inch	8160062	5,200.000	Syd
0880	Water, Sodding/Seeding	8160090	200.000	Unit
0890	Gate Valve and Box, 8 inch	8230052	1.000	Ea
0900	Gate Valve and Box, 12 inch	8230054	10.000	Ea
0910	Gate Well, Abandon	8230075	7.000	Ea
0920	Gate Well, Rem	8230076	3.000	Ea
0930	Hydrant, Rem	8230091	10.000	Ea
0940	Water Main, DI, 6 inch, Tr Det G	8230151	85.000	Ft
0950	Water Main, DI, 8 inch, Tr Det G	8230156	400.000	Ft
0960	Water Main, DI, 12 inch, Tr Det G	8230166	2,771.000	Ft
0970	Water Serv, Conflict	8230250	10.000	Ea
0980	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0990	Polyethylene Encasement	8230440	3,376.000	Ft
1000	_ Water Main Insulation	8237001	20.000	Ft
1010	_ Connection to Existing Water Main, 12 inch	8237050	2.000	Ea
1020	_ Connection to Existing Water Main, 6 inch	8237050	1.000	Ea
1030	_ Connection to Existing Water Main, 8 inch	8237050	15.000	Ea
1040	_ Fire Hydrant, Modified	8237050	10.000	Ea
1050	_ Water Main Conflict, 12 inch	8237050	10.000	Ea
1060	_ Water Serv, Long, Modified	8237050	15.000	Ea
1070	_ Water Serv, Modified	8237050	29.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 013

Letting Date: April 6, 2018

Contract ID: 68107-201716

Description: Apron expansion at the Oscoda County Dennis Kauffman Memorial Airport, city of Mio, Oscoda County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201716A	B-26-0156-1517	N/A	FM 68107

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	5,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	82.000	Lft
0050	Unclassified Excavation	1520410	275.000	Cyd
0060	Subgrade Undercutting	1520490	100.000	Cyd
0070	Erosion Control, Silt Fence	1560625	300.000	Lft
0080	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	125.000	Cyd
0090	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	41.000	Sft
0100	Misc. Portland Cement Concrete Pavement, 6" Non-Reinforced	8007011	712.000	Syd
0110	Misc. Aircraft Tiedown	8007050	6.000	Ea
0120	Seeding with Mixture and Rate, As Specified	9010517	1.000	Acre
0130	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	125.000	Cyd
0140	Misc. Mulching, as specified	9087012	1.000	Acre



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 014

Letting Date: April 6, 2018

Contract ID: 64015-122642

Description: 5.00 mi of cold milling and asphalt stabilized crack relief layer, pavement removal, hot mix asphalt resurfacing, drainage and safety improvements on US-31 from Shelby Road north to Polk Road, Oceana County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122642A	1800462	N/A	ST 64015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$950,500.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0030	Curb and Gutter, Rem	2040020	2,536.000	Ft
0040	Fence, Rem	2040025	100.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Pavt, Rem	2040050	33,685.000	Syd
0070	Ditch Cleanout	2050006	10.000	Sta
0080	Excavation, Earth	2050016	14,755.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0110	_ Embankment, CIP, Special	2057021	11,580.000	Cyd
0120	_ Leaching Trench	2067001	41,199.000	Ft
0130	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0140	Erosion Control, Sediment Trap	2080034	3.000	Ea
0150	Erosion Control, Silt Fence	2080036	340.000	Ft
0160	Subbase, CIP	3010002	3,700.000	Cyd
0170	Aggregate Base, 6 inch	3020016	64,781.000	Syd
0180	Aggregate Base, 12 inch	3020030	865.000	Syd
0190	_ Shoulder, CI II, Modified	3077031	10,996.000	Ton
0200	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0210	Culv, CI A, Conc, 18 inch	4010167	128.000	Ft
0220	Culv, Downspout, 15 inch	4010796	543.000	Ft
0230	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0240	Dr Structure Cover, Type C	4030015	1.000	Ea
0250	Dr Structure, 48 inch dia	4030210	1.000	Ea
0260	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	3.000	Ft

0270	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0280	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0300	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0310	Cold Milling HMA Surface	5010002	175,613.000	Syd
0320	Bump Grinding	5010004	600.000	Syd
0330	HMA Surface, Rem	5010005	55,453.000	Syd
0340	HMA Patch, Rem	5010006	10.000	Syd
0350	HMA Quality Initiative	5010007	108,110.000	Dlr
0360	Longitudinal Joint Density Quality Initiative	5010018	209,700.000	Dlr
0370	Hand Patching	5010025	15.000	Ton
0380	HMA, 3E3	5010045	6,733.000	Ton
0390	HMA, 4E3	5010051	25,701.000	Ton
0400	HMA, 5E3	5010057	19,689.000	Ton
0410	HMA Approach	5010061	1,917.000	Ton
0420	_ Asphalt Stabilized Crack Relief Layer	5017031	31,741.000	Ton
0430	_ Ride Incentive	5017060	66,800.000	Dlr
0440	Joint, Expansion, E3	6020208	306.000	Ft
0450	Lane Tie, Epoxy Anchored	6030030	25.000	Ea
0460	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	865.000	Syd
0470	Conc, Grade S2	7060011	9.000	Cyd
0480	False Decking	7060060	100.000	Sft
0490	Reinforcement, Steel, Culv and Headwall	7060091	418.000	Lb
0500	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0510	Hand Chipping, Shallow	7120003	12.000	Syd
0520	Hand Chipping, Deep	7120004	115.000	Syd
0530	Patching Conc, C-L	7120112	40.000	Cyd
0540	Curb and Gutter, Bridge Approach	8020010	389.000	Ft
0550	Curb and Gutter, Conc, Det D2	8020031	2,351.000	Ft
0560	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0570	Downspout Header, Conc	8020070	12.000	Ea
0580	Spillway, Conc	8020075	8.000	Ft
0590	Guardrail, Type MGS-8	8070004	5,181.000	Ft
0600	Guardrail Anch, Bridge, Det T4	8070025	13.000	Ea
0610	Guardrail Approach Terminal, Type 1B	8070040	8.000	Ea
0620	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0630	Guardrail, Salv	8070075	4,814.000	Ft
0640	Guardrail, Mult, Salv	8070076	174.000	Ft
0650	Guardrail Reflector	8070080	123.000	Ea
0660	Guardrail, Reconst, Type T	8070109	176.000	Ft
0670	Fence, Woven Wire with Steel Post	8080002	533.000	Ft
0680	Delineator Reflector, Green	8100133	27.000	Ea
0690	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	13.000	Ea
0700	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	5.000	Ea

0710	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	31.000	Ea
0720	Delineator, Rem	8100349	450.000	Ea
0730	Post, Flexible, Delineator	8100360	36.000	Ea
0740	Post, Rigid, Delineator	8100361	400.000	Ea
0750	Post, Steel, 3 lb	8100371	256.000	Ft
0760	Post, Wood, 4 inch by 6 inch	8100380	180.000	Ft
0770	Sign, Type II, Erect, Salv	8100396	10.000	Ea
0780	Sign, Type II, Rem	8100397	10.000	Ea
0790	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0800	Sign, Type III, Rem	8100403	13.000	Ea
0810	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Red	8107050	31.000	Ea
0820	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, White	8107050	189.000	Ea
0830	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Yellow	8107050	184.000	Ea
0840	Pavt Mrkg, Polyurea, 4 inch, White	8110091	12,800.000	Ft
0850	Pavt Mrkg, Polyurea, 6 inch, White	8110094	51,800.000	Ft
0860	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	51,800.000	Ft
0870	Pavt Mrkg, Polyurea, 12 inch, White	8110111	3,200.000	Ft
0880	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0890	Recessing Pavt Mrkg, Longit	8110450	119,325.000	Ft
0900	Barricade, Type III, High Intensity, Lighted, Furn	8120022	7.000	Ea
0910	Barricade, Type III, High Intensity, Lighted, Oper	8120023	7.000	Ea
0920	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	5.000	Ea
0930	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
0940	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
0950	Conc Barrier, Temp, Adj	8120080	12,750.000	Ft
0960	Conc Barrier, Temp, Furn	8120081	12,510.000	Ft
0970	Conc Barrier, Temp, Oper	8120082	12,510.000	Ft
0980	High Intensity Light, Type B, Furn	8120110	5.000	Ea
0990	High Intensity Light, Type B, Oper	8120111	5.000	Ea
1000	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1010	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1020	Minor Traf Devices	8120170	1.000	LSUM
1030	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	13,510.000	Ft
1040	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,510.000	Ft
1050	Plastic Drum, High Intensity, Furn	8120250	916.000	Ea
1060	Plastic Drum, High Intensity, Oper	8120251	916.000	Ea
1070	Sign Cover	8120310	7.000	Ea
1080	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
1090	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
1100	Sign, Type B, Temp, Prismatic, Furn	8120350	1,638.000	Sft
1110	Sign, Type B, Temp, Prismatic, Oper	8120351	1,638.000	Sft

1120	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	104.000	Sft
1130	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	104.000	Sft
1140	_ Delineator, Flexible, Temp, Furn	8127050	258.000	Ea
1150	_ Delineator, Flexible, Temp, Oper	8127050	258.000	Ea
1160	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
1170	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
1180	Riprap, Plain	8130010	30.000	Syd
1190	Slope Restoration, Type A	8160100	120,000.000	Syd
1200	Slope Restoration, Type B	8160101	72,000.000	Syd
1210	Slope Restoration, Type C	8160102	10,000.000	Syd
1220	Shoulder Corrugations, Ground or Cut, HMA	8220001	105,000.000	Ft
1230	Contractor Staking	8240001	1.000	LSUM
1240	Staking Plan Errors and Extras, One Person	8240020	72.000	Hr
1250	Staking Plan Errors and Extras, Two Person	8240021	29.000	Hr
1260	Staking Plan Errors and Extras, Three Person	8240022	43.000	Hr
1270	Flowable Fill, Non-Structural	8260148	9.000	Cyd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 015

Letting Date: April 6, 2018

Contract ID: 14041-128723

Description: 0.92 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, signing, pavement markings and railroad crossing upgrades on US-12 from west of the west village limits of Edwardsburg to M-62 in the village of Edwardsburg, Cass County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128723A	1800477	N/A	ST 14041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$128,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0070	Curb and Gutter, Rem	2040020	1,681.000	Ft
0080	Pavt, Rem	2040050	272.000	Syd
0090	Sidewalk, Rem	2040055	602.000	Syd
0100	Ditch Cleanout	2050006	2.000	Sta
0110	Embankment, CIP	2050010	950.000	Cyd
0120	Excavation, Earth	2050016	5,540.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	11.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	1.000	Ea
0200	Erosion Control, Silt Fence	2080036	1,347.000	Ft
0210	Subbase, CIP	3010002	2,220.000	Cyd
0220	Aggregate Base, 6 inch	3020016	8,471.000	Syd
0230	Aggregate Base, 8 inch	3020020	847.000	Syd
0240	Maintenance Gravel, LM	3060021	100.000	Cyd
0250	Approach, CI II, 6 inch	3070028	12.000	Syd
0260	Shoulder, CI II, 4 inch	3070126	693.000	Syd
0270	Shoulder, CI II, 7 inch	3070129	715.000	Syd

0280	Culv End Sect, 15 inch	4010015	12.000	Ea
0290	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0300	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0310	Culv, CI F, 15 inch	4010608	160.000	Ft
0320	Dr Marker Post	4011109	2.000	Ea
0330	_ Culvert Cleanout	4017001	200.000	Ft
0340	Sewer, CI E, 12 inch, Tr Det B	4020600	97.000	Ft
0350	Sewer, CI E, 18 inch, Tr Det B	4020602	72.000	Ft
0360	Sewer, CI III, 15 inch, Tr Det B	4020867	16.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0380	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0390	Dr Structure Cover, Type B	4030010	5.000	Ea
0400	Dr Structure Cover, Type G	4030040	2.000	Ea
0410	Dr Structure Cover, Type K	4030050	5.000	Ea
0420	Dr Structure Cover, Type Q	4030065	5.000	Ea
0430	Dr Structure, 48 inch dia	4030210	2.000	Ea
0440	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0450	Dr Structure, Temp Lowering	4030390	3.000	Ea
0460	Underdrain, Subbase, 6 inch	4040063	300.000	Ft
0470	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0480	Cold Milling HMA Surface	5010002	19,437.000	Syd
0490	HMA Surface, Rem	5010005	13,394.000	Syd
0500	HMA Quality Initiative	5010007	14,542.000	Dlr
0510	Longitudinal Joint Density Quality Initiative	5010018	39,900.000	Dlr
0520	Hand Patching	5010025	100.000	Ton
0530	HMA, 3E3	5010045	740.000	Ton
0540	HMA, 4E3	5010051	4,950.000	Ton
0550	HMA Approach	5010061	1,481.000	Ton
0560	Conc Base Cse, Nonreinf, 6 inch	6020015	186.000	Syd
0570	Driveway, Nonreinf Conc, 6 inch	8010005	125.000	Syd
0580	Curb and Gutter, Conc, Det B2	8020016	331.000	Ft
0590	Curb and Gutter, Conc, Det F4	8020038	1,948.000	Ft
0600	Driveway Opening, Conc, Det M	8020050	246.000	Ft
0610	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0620	Spillway, Conc	8020075	8.000	Ft
0630	_ Curb and Gutter, Conc, Det B2, Modified	8027001	55.000	Ft
0640	Detectable Warning Surface	8030010	126.000	Ft
0650	Curb Ramp Opening, Conc	8030030	136.000	Ft
0660	Sidewalk Ramp, Conc, 6 inch	8030036	890.000	Sft
0670	Sidewalk, Conc, 4 inch	8030044	4,477.000	Sft
0680	Sidewalk, Conc, 6 inch	8030046	1,365.000	Sft
0690	Post, Mailbox	8070095	10.000	Ea
0700	Fdn, Wood Support, Rem	8100280	22.000	Ea
0710	Post, Steel, 3 lb	8100371	1,172.000	Ft
0720	Post, Wood, 4 inch by 6 inch	8100380	230.000	Ft

0730	Post, Wood, 6 inch by 8 inch	8100382	58.000	Ft
0740	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0750	Sign, Type II, Rem	8100397	10.000	Ea
0760	Sign, Type IIA	8100398	89.000	Sft
0770	Sign, Type IIB	8100399	24.000	Sft
0780	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0790	Sign, Type III, Rem	8100403	104.000	Ea
0800	Sign, Type IIIA	8100404	105.000	Sft
0810	Sign, Type IIIB	8100405	339.000	Sft
0820	Reflective Panel for Permanent Sign Support, 6 foot	8100616	17.000	Ea
0830	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	340.000	Ft
0840	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	440.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	97.000	Ft
0860	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0880	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0890	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	2.000	Ea
0900	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0910	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0920	Pavt Mrkg, Waterborne, 4 inch, White	8110231	635.000	Ft
0930	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,410.000	Ft
0940	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,020.000	Ft
0950	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	635.000	Ft
0960	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,410.000	Ft
0970	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,020.000	Ft
0980	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	290.000	Ft
0990	Recessing Pavt Mrkg, Longit	8110450	19,065.000	Ft
1000	_ Pavt Mrkg, Ovly Cold Plastic, Accessible Sym	8117050	1.000	Ea
1010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1030	Channelizing Device, 42 inch, Furn	8120030	110.000	Ea
1040	Channelizing Device, 42 inch, Oper	8120031	110.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1070	Ltg for Night Work	8120160	1.000	LSUM
1080	Minor Traf Devices	8120170	1.000	LSUM
1090	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,690.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	9,480.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,770.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,480.000	Ft

1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,770.000	Ft
1140	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
1150	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
1160	Sign Cover	8120310	10.000	Ea
1170	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
1180	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
1190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,837.000	Sft
1200	Sign, Type B, Temp, Prismatic, Oper	8120351	1,837.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	596.000	Sft
1220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	596.000	Sft
1230	Traf Regulator Control	8120370	1.000	LSUM
1240	_ Pedestrian Type II Barricade, Temp	8127050	50.000	Ea
1250	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
1260	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
1270	Acer saccharum Celebration, 1 1/2 inch	8150178	2.000	Ea
1280	Mulch Blanket	8160027	1,200.000	Syd
1290	_ Turf Establishment, Performance	8167011	5,600.000	Syd
1300	Cable, Rem	8190016	1,000.000	Ft
1310	Conduit, DB, 1, 1 1/2 inch	8190027	50.000	Ft
1320	Hh, Adj	8190244	2.000	Ea
1330	Hh, Rem	8190254	3.000	Ea
1340	Hh, Round	8190260	1.000	Ea
1350	Wood Pole, Fit Up, Sec and Intercn Cable Pole	8190494	1.000	Ea
1360	Controller and Cabinet, Rem	8200030	1.000	Ea
1370	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1380	Metered Serv	8200090	1.000	Ea
1390	Metered Serv, Rem	8200095	1.000	Ea
1400	Pedestal Fdn, Rem	8200106	1.000	Ea
1410	Serv Disconnect	8200135	1.000	Ea
1420	Serv Disconnect, Rem	8200136	1.000	Ea
1430	Sign Optical, Rem	8200372	2.000	Ea
1440	Sign Optical, (LED)	8200373	2.000	Ea
1450	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
1460	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
1470	Gate Box, Adj, Case 1	8230431	15.000	Ea
1480	Gate Box, Adj, Case 2	8230432	2.000	Ea
1490	Contractor Staking, Road Only	8240007	1.000	LSUM
1500	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
1510	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1520	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
1530	_ Railroad Protection, at Grade Crossing	8507060	19,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 180406 016

Letting Date: April 6, 2018

Contract ID: 21000-201484

Description: Application of special markings on various routes, Alger, Baraga, Chippewa, Houghton, Keweenaw, Luce, Marquette, and Ontonagon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201484A	1800471	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,800.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	800.000	Mi
0030	Call Back, Mobilization	8110011	3.000	Ea
0040	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, Yellow	8110088	176.000	Ft
0050	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	11,002.000	Ft
0060	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0070	Pavt Mrkg, Polyurea, Yield	8110103	7.000	Ea
0080	Pavt Mrkg, Polyurea, Bike, Large Symbol	8110104	2.000	Ea
0090	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	58.000	Ea
0100	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	4,769.000	Ft
0110	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	8,808.000	Ft
0120	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,329.000	Ft
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	5,725.000	Ft
0140	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	56.000	Ft
0150	Rem Spec Mrkg	8110343	5,000.000	Sft
0160	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	4.000	Ea
0170	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	14.000	Ea
0180	Pavt Mrkg, Polyurea, Lane	8110403	2.000	Ea
0190	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	204.000	Ea
0200	Pavt Mrkg, Polyurea, Only	8110410	94.000	Ea
0210	Pavt Mrkg, Polyurea, Railroad Sym	8110411	33.000	Ea
0220	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	103.000	Ea
0230	Pavt Mrkg, Polyurea, School	8110414	32.000	Ea
0240	Pavt Mrkg, Polyurea, Stop	8110415	8.000	Ea
0250	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	18.000	Ea
0260	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	15.000	Ea

0270	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	39.000	Ea
0280	Pavt Mrkg, Polyurea, Thru, Lt & Rt Turn Arrow Sym	8110419	1.000	Ea
0290	Pavt Mrkg, Thermopl, Rumble Strip	8110470	3,140.000	Ft
0300	Protective Ovly, Snowmobile Trail Crossing	8110550	2,000.000	Syd
0310	_ Scarification, for Polyurea Spec Mrkg	8117010	17,500.000	Sft
0320	_ Pavt Mrkg, Polyurea, Ahead	8117050	4.000	Ea
0330	_ Pavt Mrkg, Polyurea, Left	8117050	1.000	Ea
0340	_ Pavt Mrkg, Polyurea, Right	8117050	1.000	Ea
0350	_ Pavt Mrkg, Polyurea, Turn	8117050	2.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 017

Letting Date: April 6, 2018

Contract ID: 41000-200968

Description: Upgrade freeway delineators on mainline and ramps along various routes, Allegan, Ionia, Kent, Mason, Mecosta, Montcalm, Muskegon, Oceana and Ottawa Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200968A	1800480	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,200.00	1500001	1.000	LSUM
0020	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	595.000	Ea
0030	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	163.000	Ea
0040	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	1,071.000	Ea
0050	Delineator, Rem	8100349	3,566.000	Ea
0060	Post, Flexible, Delineator	8100360	1,219.000	Ea
0070	Post, Rigid, Delineator	8100361	5,483.000	Ea
0080	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Red	8107050	1,507.000	Ea
0090	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, White	8107050	3,824.000	Ea
0100	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Yellow	8107050	891.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Mobile Attenuator	8120180	1.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	13.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	13.000	Sft
0150	Contractor Staking, Road Only	8240007	1.000	LSUM
0160	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0170	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0180	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: 180406 018

Letting Date: April 6, 2018

Contract ID: 69023-201477

Description: Application of special pavement markings on various routes, Alcona, Alpena, Antrim, Cheboygan, Crawford, Iosco, Manistee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201477A	1800489	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	300.000	Mi
0030	Call Back, Mobilization	8110011	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	120.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	265.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	700.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	26.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	5.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	100.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	104.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	20.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	20.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	135.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, School	8110074	36.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0190	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	11,400.000	Ft
0200	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,505.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, White	8110111	100.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	4,542.000	Ft
0230	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	10.000	Ea
0240	Rem Spec Mrkg	8110343	16,300.000	Sft

0250	Protective Ovly, Snowmobile Trail Crossing	8110550	640.000	Syd
0260	_ Scarification, for Polyurea Spec Mrkg	8117010	17,500.000	Sft
0270	_ Pavt Mrkg, Ovly Cold Plastic, Right	8117050	1.000	Ea
0280	_ Pavt Mrkg, Ovly Cold Plastic, Turn	8117050	1.000	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	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0340	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: 180406 019

Letting Date: April 6, 2018

Contract ID: 63173-200002

Description: 0.04 mi of installation of a Portable Intermittent Truck Weigh Station (PITWS) and associated paving, drainage and restoration at the northbound I-75 Davisburg Rest Area, Oakland County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200002A	1800503	N/A	ST 63173

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,900.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	505.000	Syd
0030	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	_ Post, Wood Guide, Rem	2047050	10.000	Ea
0050	Embankment, CIP	2050010	13.000	Cyd
0060	Excavation, Earth	2050016	235.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	20.000	Cyd
0090	Erosion Control, Silt Fence	2080036	230.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	Subbase, CIP	3010002	50.000	Cyd
0120	_ Open-Graded Dr Cse, 16 inch	3037011	529.000	Syd
0130	Geotextile, Separator	3080005	529.000	Syd
0140	Underdrain, Pipe, Open-Graded, 6 inch	4040043	500.000	Ft
0150	Underdrain Outlet, 6 inch	4040093	75.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0170	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	506.000	Syd
0180	Joint, Contraction, Cp	6020200	306.000	Ft
0190	Conc Quality Initiative	6020401	200.000	Dlr
0200	Joint, Expansion, Erg	6030021	44.000	Ft
0210	Joint, Tied, Trg	6030023	44.000	Ft
0220	Lane Tie, Epoxy Anchored	6030030	75.000	Ea
0230	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0240	Post, Wood Guide	8070090	10.000	Ea
0250	Post, Steel, 3 lb	8100371	15.000	Ft
0260	Sign, Type IIIB	8100405	9.000	Sft

0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	300.000	Ft
0280	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	500.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	150.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0350	Sign Cover, Type 1	8120320	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft
0400	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	1.000	Ea
0410	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	1.000	Ea
0420	Water, Sodding/Seeding	8160090	10.000	Unit
0430	Slope Restoration, Type A	8160100	160.000	Syd
0440	Contractor Staking, Road Only	8240007	1.000	LSUM
0450	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0460	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0470	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 180406 020

Letting Date: April 6, 2018

Contract ID: 63000-200157

Description: 2.57 mi of concrete cold milling, hot mix asphalt surfacing, concrete curb and gutter, sidewalk and ramps, earth excavation, aggregate base, drainage, concrete pavement repairs, guardrail, pedestrian and traffic signal on Northwestern Highway from Southfield Road to Lahser Road in the city of Southfield, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200157A	1800461	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$557,700.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Dr Structure, Rem	2030011	6.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	201.000	Ft
0050	Curb and Gutter, Rem	2040020	5,839.000	Ft
0060	Guardrail, Rem	2040035	500.000	Ft
0070	Pavt, Rem	2040050	10,394.000	Syd
0080	Sidewalk, Rem	2040055	1,644.000	Syd
0090	_ Exploratory Excavation	2047050	15.000	Ea
0100	Embankment, CIP	2050010	1,603.000	Cyd
0110	Excavation, Earth	2050016	5,030.000	Cyd
0120	_ Subgrade Undercut and Refill, 21AA, Limestone	2057021	1,000.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	108.000	Ea
0140	Erosion Control, Silt Fence	2080036	7,245.000	Ft
0150	_ Aggregate Base, 10 inch, Modified	3027011	4,857.000	Syd
0160	_ Aggregate Base, 4 inch, Modified	3027011	3,524.000	Syd
0170	_ Aggregate Base, 6 inch, Modified	3027011	6,014.000	Syd
0180	_ Aggregate Base, 8 inch, Modified	3027011	7,352.000	Syd
0190	_ Aggregate Base, Modified	3027031	100.000	Ton
0200	Maintenance Gravel	3060020	1,000.000	Ton
0210	Shoulder, CI II, 7 inch	3070129	1,957.000	Syd
0220	Sewer, CI E, 12 inch, Tr Det B	4020600	244.000	Ft
0230	Sewer, CI E, 18 inch, Tr Det B	4020602	12.000	Ft
0240	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0250	Dr Structure Cover, Adj, Case 1	4030005	90.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0270	Dr Structure Cover, Type B	4030010	7.000	Ea

0280	Dr Structure Cover, Type D	4030025	3.000	Ea
0290	Dr Structure Cover, Type G	4030040	1.000	Ea
0300	Dr Structure Cover, Type K	4030050	18.000	Ea
0310	Dr Structure, 24 inch dia	4030200	5.000	Ea
0320	Dr Structure, 48 inch dia	4030210	4.000	Ea
0330	Dr Structure, Adj, Add Depth	4030280	100.000	Ft
0340	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0350	_ Sanitary Sewer Manhole, Adj, Add Depth	4037001	10.000	Ft
0360	_ DPW Structure Cover, OCWRC	4037050	8.000	Ea
0370	_ Dr Structure Cover, Adj, Case 1, OCWRC	4037050	5.000	Ea
0380	_ Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	8.000	Ea
0390	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	4,171.000	Ft
0400	Underdrain Outlet, 6 inch	4040093	5.000	Ft
0410	Pavt, Cleaning	5010001	1.000	LSUM
0420	HMA Surface, Rem	5010005	6,677.000	Syd
0430	Pavt for Butt Joints, Rem	5010008	5,895.000	Syd
0440	Pavt Joint and Crack Repr, Det 7	5010020	32,830.000	Ft
0450	Hand Patching	5010025	1,643.000	Ton
0460	HMA, 13A	5010033	157.000	Ton
0470	HMA, 36A	5010034	95.000	Ton
0480	HMA, 3E3	5010045	372.000	Ton
0490	HMA, 4E3	5010051	5,133.000	Ton
0500	HMA, 5E3	5010057	5,224.000	Ton
0510	HMA Approach	5010061	453.000	Ton
0520	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	2,986.000	Syd
0530	Joint, Contraction, Cp	6020200	10,374.000	Ft
0540	Joint, Expansion, E2	6020207	132.000	Ft
0550	Joint, Expansion, E3	6020208	27.000	Ft
0560	Joint, Plane-of-Weakness, W	6020211	446.000	Ft
0570	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 7 inch, Modified	6027011	105.000	Syd
0580	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch, Modified	6027011	3,316.000	Syd
0590	_ Pavt Repr, with or without Curb, Nonreinf Conc, 9 inch	6027011	14,985.000	Syd
0600	_ Conc, Grade P1, Modified	6027021	136.000	Cyd
0610	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0620	Cold Milling Conc Pavt	6030014	6,107.000	Syd
0630	Joint, Contraction, Crg	6030020	9,986.000	Ft
0640	Joint, Expansion, Erg	6030021	202.000	Ft
0650	Lane Tie, Epoxy Anchored	6030030	7,976.000	Ea
0660	_ Full Depth Conc Centerline, Repr	6037001	998.000	Ft
0670	_ Pavt Repr, Rem, Modified	6037011	14,567.000	Syd
0680	_ Field Paint Structure	7157050	1.000	Ea
0690	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	3,437.000	Syd
0700	_ Driveway, Nonreinf Conc, 9 inch, Modified	8017011	552.000	Syd

0710	Curb, Conc, Det E2	8020002	31.000	Ft
0720	Curb and Gutter, Conc, Det F4	8020038	746.000	Ft
0730	Driveway Opening, Conc, Det M	8020050	2,737.000	Ft
0740	Spillway, Conc	8020075	3.000	Ft
0750	_ Curb and Gutter, Conc, Det F3, Modified	8027001	3,469.000	Ft
0760	_ Curb and Gutter, Conc, Repair	8027001	1,355.000	Ft
0770	Detectable Warning Surface	8030010	174.000	Ft
0780	Curb Ramp Opening, Conc	8030030	266.000	Ft
0790	Sidewalk Ramp, Conc, 6 inch	8030036	2,107.000	Sft
0800	Sidewalk, Conc, 4 inch	8030044	10,091.000	Sft
0810	_ Decorative Concrete Sidewalk, 6 inch	8037010	2,616.000	Sft
0820	_ Sidewalk, Conc, 8 inch	8037010	338.000	Sft
0830	Conc Barrier, Single Face, Type C	8040003	310.000	Ft
0840	Curb Vertical, HMA	8050020	6.000	Ft
0850	Guardrail, Type B	8070000	500.000	Ft
0860	Guardrail Post, Furn and Install, 72 inch	8070101	1,199.000	Ea
0870	Guardrail, Reconst, Type B	8070105	7,786.000	Ft
0880	Fence, Moving	8080120	400.000	Ft
0890	Fence Post	8080130	50.000	Ea
0900	_ Mounting Plate for Fence Post	8087050	39.000	Ea
0910	Band, Sign	8100010	9.000	Ea
0920	Post, Steel, 3 lb	8100371	364.000	Ft
0930	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0940	Sign, Type III, Rem	8100403	16.000	Ea
0950	Sign, Type IIIB	8100405	125.000	Sft
0960	Mast Arm, Rem	8100560	2.000	Ea
0970	Mast Arm Std, Rem	8100570	2.000	Ea
0980	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	928.000	Ft
0990	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	2,902.000	Ft
1000	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	394.000	Ft
1010	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	16.000	Ea
1020	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	16.000	Ea
1030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1040	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
1050	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	5.000	Ea
1060	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
1070	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
1080	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,389.000	Ft
1090	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,889.000	Ft
1100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,865.000	Ft
1110	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,655.000	Ft
1120	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,230.000	Ft

1130	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	160.000	Ft
1140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	1,270.000	Ft
1150	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	672.000	Ft
1160	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	425.000	Ft
1170	Rem Curing Compound, for Spec Mrkg	8110321	345.000	Sft
1180	_ Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	8117050	2.000	Ea
1190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	165.000	Ea
1200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	165.000	Ea
1210	Channelizing Device, 42 inch, Furn	8120030	503.000	Ea
1220	Channelizing Device, 42 inch, Oper	8120031	503.000	Ea
1230	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1240	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1250	Minor Traf Devices	8120170	1.000	LSUM
1260	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,328.000	Ft
1270	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	950.000	Ft
1280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	11,652.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,696.000	Ft
1300	Sign Cover	8120310	17.000	Ea
1310	Sign, Type B, Temp, Prismatic, Furn	8120350	2,749.000	Sft
1320	Sign, Type B, Temp, Prismatic, Oper	8120351	2,749.000	Sft
1330	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	683.000	Sft
1340	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	683.000	Sft
1350	Traf Regulator Control	8120370	1.000	LSUM
1360	_ Pavt Mrkg Cover, Type R, Gray	8127001	1,000.000	Ft
1370	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
1380	_ Surface Restoration, Hydroseed	8167011	13,955.000	Syd
1390	Cable Pole, Sec, Disman	8190006	1.000	Ea
1400	Cable Pole, TS and Sec, Disman	8190009	2.000	Ea
1410	Cable, Sec, Rem	8190017	850.000	Ft
1420	Conduit, DB, 1, 1 1/4 inch	8190026	135.000	Ft
1430	Conduit, DB, 1, 3 inch	8190029	220.000	Ft
1440	Conduit, DB, 2, 3 inch	8190032	195.000	Ft
1450	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
1460	Conduit, DB, 3, 4 inch	8190036	35.000	Ft
1470	Hh, Rem	8190254	7.000	Ea
1480	Hh, Round	8190260	12.000	Ea
1490	Cable, Sec, Triplex, 1, 3/C#4	8190418	140.000	Ft
1500	Wood Pole	8190465	1.000	Ea
1510	Wood Pole, Fit Up, Sec Cable Pole	8190495	3.000	Ea
1520	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1530	Conduit, Directional Bore, 1, 4 inch	8190603	230.000	Ft

1540	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	545.000	Ft
1550	_ Hh, Square, RCOC	8197050	3.000	Ea
1560	Case Sign, Rem	8200020	5.000	Ea
1570	Controller and Cabinet, Rem	8200030	5.000	Ea
1580	Controller Fdn, Base Mount	8200045	4.000	Ea
1590	Controller Fdn, Rem	8200046	4.000	Ea
1600	Global Positioning System Module	8200050	4.000	Ea
1610	Global Positioning System Module, Rem	8200053	1.000	Ea
1620	Fdn, Rem	8200065	5.000	Ea
1630	Pedestal, Alum	8200100	1.000	Ea
1640	Pedestal Fdn, Rem	8200106	5.000	Ea
1650	Pedestal, Rem	8200110	6.000	Ea
1660	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
1670	Serv Disconnect	8200135	4.000	Ea
1680	Serv Disconnect, Rem	8200136	5.000	Ea
1690	Span Wire, Rem	8200141	5.000	Ea
1700	Steel Pole, Rem	8200145	3.000	Ea
1710	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1720	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
1730	TS, Mast Arm Mtd, Rem	8200177	5.000	Ea
1740	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1750	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1760	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
1770	TS, Span Wire Mtd, Rem	8200182	19.000	Ea
1780	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	1.000	Ea
1790	TS, One Way Span Wire Mtd (LED)	8200313	24.000	Ea
1800	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1810	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1820	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
1830	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	10.000	Ea
1840	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
1850	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1860	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1870	Wireless Vehicle Sensor Node, Rem	8200426	12.000	Ea
1880	Wireless Vehicle Sensor Node, Salv	8200427	9.000	Ea
1890	TS, Bag	8200450	15.000	Ea
1900	TS, Bag, Rem	8200451	15.000	Ea
1910	TS Head, Temp	8200453	1.000	Ea
1920	Casing	8200480	40.000	Ft
1930	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	7.000	Ea
1940	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	4.000	Ea
1950	_ Controller and Cabinet, Digital Type, RCOC	8207050	4.000	Ea

1960	_ Mast Arm Std, 21 foot, RCOC	8207050	3.000	Ea
1970	_ Mast Arm Std, Fdn, RCOC	8207050	3.000	Ea
1980	_ Mast Arm, RCOC	8207050	3.000	Ea
1990	_ Span Wire, Box, RCOC	8207050	4.000	Ea
2000	_ Strain Pole, Steel, Anchor Base, 30 foot, RCOC	8207050	13.000	Ea
2010	_ Strain Pole, Steel, Anchor Fdn, RCOC	8207050	13.000	Ea
2020	_ Street Name Sign, One Way, 8 foot, RCOC	8207050	3.000	Ea
2030	_ Tether Wire, Box, RCOC	8207050	4.000	Ea
2040	Hydrant, Relocate, Case 1	8230095	2.000	Ea
2050	_ Gate Well Cover, Adj, Add Depth	8237001	25.000	Ft
2060	_ Gate Well Cover, Adj, Case 1	8237050	8.000	Ea
2070	_ Water Shutoff, Adj	8237050	10.000	Ea
2080	_ Maintaining Water Sprinkler System	8257050	7.000	Ea
2090	_ Audio-Visual Filming	8257051	1.000	LSUM
2100	_ Reimbursed Permit Fees	8507060	35,000.000	Dlr



3/9/2018 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 021

Letting Date: April 6, 2018

Contract ID: 42000-116688

Description: 1.51 mi of hot mix asphalt crushing, shaping and resurfacing, shoulders and pavement marking on Five Mile Point Road from Daniell Street to north Farmers Block Road, Keweenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116688A	1800310	N/A	STL 42000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,900.00	1500001	1.000	LSUM
0020	HMA Base Crushing and Shaping	3050002	21,454.000	Syd
0030	Shoulder, CI II	3070121	503.000	Ton
0040	HMA Approach	5010061	75.000	Ton
0050	HMA, LVSP	5010703	3,540.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,090.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,798.000	Ft
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	580.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	348.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	348.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180406 022

Letting Date: April 6, 2018

Contract ID: 35000-129326

Description: Superstructure replacement and approach work, concrete box beam, curb, gutter, and sidewalk, sewer, drainage, guardrail and pavement markings on Mill Street over the Ausable River, Iosco County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129326A	1800346	N/A	BHT 35000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$157,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	52.000	Ft
0040	Curb and Gutter, Rem	2040020	342.000	Ft
0050	Guardrail, Rem	2040035	445.000	Ft
0060	Sidewalk, Rem	2040055	72.000	Syd
0070	Embankment, CIP	2050010	168.000	Cyd
0080	Excavation, Earth	2050016	475.000	Cyd
0090	Aggregate, 6A	2060001	3.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	Subbase, CIP	3010002	355.000	Cyd
0130	Aggregate Base	3020001	643.000	Ton
0140	Shoulder, CI II	3070121	10.000	Ton
0150	Culv End Sect, 12 inch	4010012	1.000	Ea
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	164.000	Ft
0170	Video Taping Sewer and Culv Pipe	4021275	164.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0200	Dr Structure Cover, Type B	4030010	1.000	Ea
0210	Dr Structure Cover, Type D	4030025	1.000	Ea
0220	Dr Structure Cover, Type K	4030050	3.000	Ea
0230	Dr Structure, 24 inch dia	4030200	3.000	Ea
0240	Dr Structure, 48 inch dia	4030210	2.000	Ea
0250	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0260	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0270	Cold Milling HMA Surface	5010002	518.000	Syd

0280	HMA Surface, Rem	5010005	850.000	Syd
0290	HMA, 13A	5010033	170.000	Ton
0300	HMA Approach	5010061	57.000	Ton
0310	_ Structure Name Plate	7057050	2.000	Ea
0320	_ Structure Name Plate, Salvage	7057050	2.000	Ea
0330	Curb, Conc, Det E4	8020004	14.000	Ft
0340	Curb and Gutter, Conc, Det F2	8020036	366.000	Ft
0350	Detectable Warning Surface	8030010	11.000	Ft
0360	Sidewalk, Conc, 4 inch	8030044	1,710.000	Sft
0370	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0380	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0390	Guardrail Reflector	8070080	14.000	Ea
0400	_ Timber Rub Rail	8077001	125.000	Ft
0410	Sign, Type III, Rem	8100403	6.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	24.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,100.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	770.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, High Intensity, Furn	8120250	15.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	15.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	298.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	298.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	160.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	160.000	Sft
0570	_ Riprap, Heavy, Modified	8137011	10.000	Syd
0580	_ Slope Restoration, Non-Phosphorus Fertilizer	8167011	650.000	Syd
0590	Water Shutoff, Adj, Case 1	8230421	3.000	Ea

Section: 2

0600	Backfill, Structure, CIP	2060002	80.000	Cyd
0610	Excavation, Fdn	2060010	126.000	Cyd
0620	Underdrain, Fdn, 4 inch	4040031	250.000	Ft
0630	Underdrain Outlet, 4 inch	4040091	125.000	Ft
0640	Underdrain, Outlet Ending, 4 inch	4040111	3.000	Ea
0650	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0660	Bridge Ltg, Oper and Maintain	7060002	261.000	Cyd
0670	Conc, Grade D	7060010	48.000	Cyd
0680	Expansion Joint Device	7060050	75.000	Ft

0690	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0700	False Decking	7060060	7,470.000	Sft
0710	Reinforcement, Steel, Epoxy Coated	7060092	53,486.000	Lb
0720	Substructure Conc	7060100	26.000	Cyd
0730	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0740	Superstructure Conc, Night Casting	7060113	261.000	Cyd
0750	_ Expansive Waterstop	7067001	92.000	Ft
0760	Bearing, Elastomeric, 2 inch	7070016	11,040.000	Sin
0770	Structural Steel, Mixed, Erect	7070050	1,480.000	Lb
0780	Structural Steel, Mixed, Furn and Fab	7070051	1,480.000	Lb
0790	Prest Conc Box Beam, Furn, 21 inch	7080061	751.000	Ft
0800	Prest Conc Box Beam, Erect, 21 inch	7080062	751.000	Ft
0810	Joint Waterproofing	7100001	137.000	Sft
0820	Conc Surface Coating	7100011	845.000	Syd
0830	Bridge Railing, 2 Tube	7110008	181.000	Ft
0840	Bridge Railing, 4 Tube	7110010	203.000	Ft
0850	_ Bridge Railing, 2 Tube, Modified	7117001	177.000	Ft
0860	_ Path Rail	7117001	91.000	Ft
0870	Hand Chipping, Other Than Deck	7120007	27.000	Cft
0880	Patch, Forming	7120017	100.000	Sft
0890	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	16.000	Ea
0900	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	122.000	Ea
0910	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	146.000	Ea
0920	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	100.000	Ea
0930	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	8.000	Ea
0940	Bolt, Adhesive Anchored, 1/2 inch	7120040	56.000	Ea
0950	Bolt, Adhesive Anchored, 7/8 inch	7120043	8.000	Ea
0960	Structures, Rehabilitation, Rem Portions (SN 4138)	7120070	1.000	LSUM
0970	Patching Conc, C-L	7120112	1.000	Cyd
0980	_ Bridge Joint, Compression Seal	7127001	84.000	Ft
0990	_ Navigation Lighting	8197051	1.000	LSUM
1000	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180406 023

Letting Date: April 6, 2018

Contract ID: 63000-132792

Description: 1.60 mi of hot mix asphalt cold milling and resurfacing, concrete pavement cold milling, concrete curb and gutter, sidewalk, ramps, drainage, pavement repairs, bridge sidewalk and railing repairs and signal modernization on Joslyn Avenue from Perry Street to Walton Boulevard in the city of Pontiac, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132792A	1800406	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$270,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	90.000	Ft
0040	Curb and Gutter, Rem	2040020	4,177.000	Ft
0050	Pavt, Rem	2040050	1,991.000	Syd
0060	Sidewalk, Rem	2040055	1,261.000	Syd
0070	Embankment, CIP	2050010	720.000	Cyd
0080	Excavation, Earth	2050016	784.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	86.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	Aggregate Base	3020001	1,142.000	Ton
0120	Aggregate Base, 4 inch	3020010	1,423.000	Syd
0130	Maintenance Gravel	3060020	100.000	Ton
0140	Sewer, Cl A, 12 inch, Tr Det B	4020033	80.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	87.000	Ea
0160	Dr Structure Cover, Type B	4030010	14.000	Ea
0170	Dr Structure Cover, Type K	4030050	4.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0190	Dr Structure, Adj, Add Depth	4030280	200.000	Ft
0200	Dr Structure, Temp Lowering	4030390	128.000	Ea
0210	_ DPW Structure Cover, Adj, Case 1, Special	4037050	41.000	Ea
0220	_ DPW Structure Cover, Adj, Case 2, Special	4037050	1.000	Ea
0230	Cold Milling HMA Surface	5010002	56,665.000	Syd
0240	Pavt Joint and Crack Repr, Det 7	5010020	9,447.000	Ft
0250	Pavt Joint and Crack Repr, Det 8	5010021	4,898.000	Ft
0260	Hand Patching	5010025	1,285.000	Ton
0270	HMA, 3E1	5010044	340.000	Ton

0280	HMA, 4E1	5010050	4,932.000	Ton
0290	HMA, 5E1	5010056	6,187.000	Ton
0300	HMA, Temp Pavt (5E3)	5010806	100.000	Ton
0310	Joint, Expansion, E2	6020207	100.000	Ft
0320	Joint, Expansion, E3	6020208	102.000	Ft
0330	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	228.000	Syd
0340	Cold Milling Conc Pavt	6030014	22,130.000	Syd
0350	Lane Tie, Epoxy Anchored	6030030	396.000	Ea
0360	_ Hot Poured Joint Sealant	6037001	350.000	Ft
0370	Water Repellent Treatment, Penetrating	7060140	825.000	Syd
0380	_ Bridge Sidewalk, Repair	7107020	185.000	Cft
0390	_ Bridge Railing, Repair	7107051	1.000	LSUM
0400	_ Isolation Joint	7117050	4.000	Ea
0410	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0420	Curb and Gutter, Conc, Det F4	8020038	3,446.000	Ft
0430	Detectable Warning Surface	8030010	420.000	Ft
0440	Curb Ramp Opening, Conc	8030030	731.000	Ft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	5,592.000	Sft
0460	Sidewalk, Conc, 4 inch	8030044	5,281.000	Sft
0470	Post, Steel, 3 lb	8100371	1,522.000	Ft
0480	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0490	Sign, Type III, Rem	8100403	173.000	Ea
0500	Sign, Type IIIA	8100404	641.000	Sft
0510	Sign, Type IIIB	8100405	55.000	Sft
0520	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0560	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,893.000	Ft
0570	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	20,412.000	Ft
0580	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	1,776.000	Ft
0590	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	339.000	Ft
0600	Rem Spec Mrkg	8110343	2.000	Sft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	59.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	59.000	Ea
0630	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0640	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,850.000	Ft
0690	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	120.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120235	500.000	Ft

	White, Temp			
0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,700.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,700.000	Ft
0740	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0750	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	2,039.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	2,039.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	486.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	486.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0820	_ Turf Establishment, Special	8167011	2,993.000	Syd
0830	Conduit, DB, 1, 1 1/4 inch	8190026	180.000	Ft
0840	Conduit, DB, 1, 3 inch	8190029	120.000	Ft
0850	Conduit, DB, 2, 3 inch	8190032	190.000	Ft
0860	Conduit, DB, 3, 4 inch	8190036	20.000	Ft
0870	Conduit, Rem	8190140	25.000	Ft
0880	Conduit, Schedule 40, 2 inch	8190147	40.000	Ft
0890	DB Cable, in Conduit, 600V, 1/C#2	8190201	260.000	Ft
0900	DB Cable, in Conduit, Rem	8190220	180.000	Ft
0910	Cable, Equipment Grounding Wire, 1/C#2	8190232	130.000	Ft
0920	Hh, Polymer Conc	8190250	1.000	Ea
0930	Hh, Rem	8190254	1.000	Ea
0940	Hh, Round	8190260	15.000	Ea
0950	Light Std Arm, 6 foot	8190265	1.000	Ea
0960	Light Std Arm, Rem	8190277	1.000	Ea
0970	Light Std Fdn, Rem	8190280	1.000	Ea
0980	Light Std Shaft, Rem	8190305	1.000	Ea
0990	Luminaire, Install Salv	8190350	1.000	Ea
1000	Luminaire, Rem and Salv	8190365	1.000	Ea
1010	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	100.000	Ft
1020	_ Hh, Square, RCOC	8197050	1.000	Ea
1030	Case Sign Panel	8200003	2.000	Ea
1040	Case Sign Panel, Rem	8200004	2.000	Ea
1050	Case Sign, Rem	8200020	6.000	Ea
1060	Controller and Cabinet, Rem	8200030	4.000	Ea
1070	Controller Fdn, Base Mount	8200045	1.000	Ea
1080	Controller Fdn, Rem	8200046	4.000	Ea
1090	Digital Loop Detector	8200055	3.000	Ea
1100	Fdn, Rem	8200065	8.000	Ea
1110	Pedestal Fdn, Rem	8200106	5.000	Ea
1120	Pedestal, Rem	8200110	5.000	Ea

1130	Pushbutton and Sign	8200121	12.000	Ea
1140	Pushbutton, Rem	8200122	8.000	Ea
1150	Serv Disconnect	8200135	1.000	Ea
1160	Span Wire, Rem	8200141	4.000	Ea
1170	Steel Pole, Rem	8200145	8.000	Ea
1180	TS, Mast Arm Mtd, Rem	8200177	2.000	Ea
1190	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	15.000	Ea
1200	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1210	TS, Span Wire Mtd, Rem	8200182	18.000	Ea
1220	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
1230	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1240	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1250	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	12.000	Ea
1260	Video Traf Detection Camera, Rem	8200384	4.000	Ea
1270	TS, Bag	8200450	18.000	Ea
1280	TS, Bag, Rem	8200451	18.000	Ea
1290	TS Head, Temp	8200453	4.000	Ea
1300	Casing	8200480	32.000	Ft
1310	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1320	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1330	_ Pushbutton Support Post, RCOC	8207050	12.000	Ea
1340	_ Span Wire, Box, RCOC	8207050	2.000	Ea
1350	_ Strain Pole, Steel, Anchor Base, 30 foot, RCOC	8207050	3.000	Ea
1360	_ Strain Pole, Steel, Anchor Base, 36 foot, RCOC	8207050	1.000	Ea
1370	_ Strain Pole, Steel, Anchor Fdn, RCOC	8207050	4.000	Ea
1380	_ Tether Wire, Box, RCOC	8207050	2.000	Ea
1390	_ Traffic Loop, Presence (Preformed), RCOC	8207050	4.000	Ea
1400	_ Traffic Loop, Presence, RCOC	8207050	14.000	Ea
1410	Monument Box	8210001	4.000	Ea
1420	_ Sprinkler Line	8237001	1,000.000	Ft
1430	_ Sprinkler Head, Relocate	8237050	75.000	Ea
1440	_ Sprinkler Head, Replace	8237050	75.000	Ea
1450	_ Reimbursed Permit Fees	8507060	1,500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180406 024

Letting Date: April 6, 2018

Contract ID: 63000-202219

Description: 0.34 mi of intersection improvements including pavement removal, earth excavation, aggregate base, concrete pavement with integral curb, concrete curb, gutter, sidewalk and ramps, sewer, driveway, drainage, traffic and pedestrian signals and pavement markings on West 9 Mile Road at Halsted Road in the city of Farmington Hills, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202219A	1800399	N/A	CPM 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$123,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.700	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	33.000	Ea
0050	Dr Structure, Rem	2030011	5.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	218.000	Ft
0070	Curb and Gutter, Rem	2040020	40.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	36.000	Cyd
0090	Pavt, Rem	2040050	7,670.000	Syd
0100	Sidewalk, Rem	2040055	601.000	Syd
0110	Exploratory Investigation, Vertical	2040080	50.000	Ft
0120	_ Gas Utility, Rem	2047001	500.000	Ft
0130	Embankment, CIP	2050010	3,550.000	Cyd
0140	Excavation, Earth	2050016	2,330.000	Cyd
0150	_ Subgrade Undercutting, 1 x 3	2057021	105.000	Cyd
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0170	Erosion Control, Silt Fence	2080036	500.000	Ft
0180	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	10,212.000	Syd
0190	Maintenance Gravel	3060020	150.000	Ton
0200	_ Geogrid	3087011	950.000	Syd
0210	Sewer, CI IV, 12 inch, Tr Det B	4020987	378.000	Ft
0220	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	378.000	Ft
0240	_ HDPE, 12 inch, Special	4027001	111.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0270	Dr Structure Cover, Type B	4030010	1.000	Ea

0280	Dr Structure Cover, Type G	4030040	2.000	Ea
0290	Dr Structure Cover, Type K	4030050	8.000	Ea
0300	Dr Structure, 24 inch dia	4030200	3.000	Ea
0310	Dr Structure, 48 inch dia	4030210	3.000	Ea
0320	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0330	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0340	_ DPW Structure Cover, Adj, Add Depth	4037001	12.000	Ft
0350	_ DPW Structure Cover	4037050	2.000	Ea
0360	_ DPW Structure Cover, Adj, Case 1	4037050	1.000	Ea
0370	_ DPW Structure Cover, Adj, Case 2	4037050	2.000	Ea
0380	_ Dr Structure, 12 inch dia, PVC, Special	4037050	2.000	Ea
0390	_ Underdrain, Subgrade, Open-Graded, 6 inch, Modified	4047001	3,180.000	Ft
0400	HMA Surface, Rem	5010005	2,209.000	Syd
0410	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	9,537.000	Syd
0420	Joint, Contraction, Cp	6020200	6,200.000	Ft
0430	Pavt Gapping	6020215	105.000	Ft
0440	Joint, Contraction, Crg	6030020	215.000	Ft
0450	Lane Tie, Epoxy Anchored	6030030	24.000	Ea
0460	Driveway, Reinf Conc, 6 inch	8010001	148.000	Syd
0470	Curb and Gutter, Conc, Det F4	8020038	40.000	Ft
0480	Curb Ramp Opening, Conc	8030030	72.000	Ft
0490	_ Detectable Warning Surface, Modified	8037001	62.000	Ft
0500	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	1,840.000	Sft
0510	_ Sidewalk, Conc, 4 inch, Modified	8037010	4,822.000	Sft
0520	_ Sidewalk, Conc, 6 inch, Modified	8037010	769.000	Sft
0530	_ Post, Mailbox, Modified	8077001	4.000	Ft
0540	Post, Steel, 3 lb	8100371	233.000	Ft
0550	Sign, Type III, Rem	8100403	21.000	Ea
0560	Sign, Type IIIA	8100404	19.000	Sft
0570	Sign, Type IIIB	8100405	72.000	Sft
0580	_ Post, Flexible, Delineator, Modified	8107050	25.000	Ea
0590	_ Street Sign Post	8107050	2.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	463.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	145.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0640	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,501.000	Ft
0650	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,048.000	Ft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0700	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea

0710	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0720	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0730	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	558.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	558.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0770	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0780	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0790	_ Block Wall, Landscape, Nonreinf, Special	8157010	1,411.000	Sft
0800	_ Turf Establishment	8167011	4,556.000	Syd
0810	Cable Pole, TS, Dismant	8190010	1.000	Ea
0820	Conduit, DB, 1, 1 1/4 inch	8190026	175.000	Ft
0830	Conduit, DB, 1, 3 inch	8190029	70.000	Ft
0840	Conduit, DB, 2, 3 inch	8190032	35.000	Ft
0850	Conduit, DB, 3, 4 inch	8190036	10.000	Ft
0860	Hh, Round	8190260	7.000	Ea
0870	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
0880	Case Sign, Rem	8200020	1.000	Ea
0890	Controller and Cabinet, Rem	8200030	1.000	Ea
0900	Controller Fdn, Base Mount	8200045	1.000	Ea
0910	Digital Loop Detector	8200055	4.000	Ea
0920	Pedestal, Fdn	8200105	3.000	Ea
0930	Pushbutton and Sign	8200121	8.000	Ea
0940	Serv Disconnect	8200135	1.000	Ea
0950	Serv Disconnect, Rem	8200136	1.000	Ea
0960	Span Wire, Rem	8200141	1.000	Ea
0970	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0980	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
0990	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1000	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
1010	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1020	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1030	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8207001	65.000	Ft
1040	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1050	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1060	_ Hh, Square, RCOC	8207050	1.000	Ea
1070	_ Pedestal, Alum, RCOC	8207050	3.000	Ea
1080	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
1090	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1100	_ Strain Pole, Steel, Anchor Base, 30 foot, RCOC	8207050	4.000	Ea
1110	_ Strain Pole, Steel, Anchor Fdn, RCOC	8207050	4.000	Ea

1120	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1130	_ Traffic Loop, Presence (Preformed), RCOC	8207050	16.000	Ea
1140	_ TS, One Way Span Wire Mtd, Five Sect (LED), RCOC	8207050	4.000	Ea
1150	Monument Box	8210001	1.000	Ea
1160	_ Hydrant, Adjust	8237050	1.000	Ea
1170	_ Sprinkler Relocate	8237050	50.000	Ea
1180	_ Reimbursed Permit Fees	8247060	11,000.000	Dlr



3/9/2018 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 025

Letting Date: April 6, 2018

Contract ID: 39000-130822

Description: 0.49 mi of hot mix asphalt cold milling and surfacing, aggregate shoulders, signing and pavement markings on K L Avenue from west of Drake Road to Drake Road, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130822A	1800422	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Curb and Gutter, Rem	2040020	200.000	Ft
0050	Guardrail, Rem	2040035	840.000	Ft
0060	Pavt, Rem	2040050	20.000	Syd
0070	Sidewalk, Rem	2040055	10.000	Syd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0110	Aggregate Base, 8 inch	3020020	4,700.000	Syd
0120	Shoulder, CI II, 6 inch	3070128	1,480.000	Syd
0130	_ Trenching, Modified	3077002	50.000	Sta
0140	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0150	Culv, CI E, 24 inch	4010542	80.000	Ft
0160	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0170	Dr Structure, Temp Lowering	4030390	8.000	Ea
0180	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	8.000	Ea
0190	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0200	Cold Milling HMA Surface	5010002	8,870.000	Syd
0210	HMA Surface, Rem	5010005	3,100.000	Syd
0220	Hand Patching	5010025	20.000	Ton
0230	HMA, 3E3	5010045	1,230.000	Ton
0240	HMA, 4E3	5010051	1,385.000	Ton
0250	HMA, 5E3	5010057	1,385.000	Ton
0260	HMA Approach	5010061	124.000	Ton
0270	Conc Base Cse, Nonreinf, 6 inch	6020015	70.000	Syd

0280	Curb and Gutter, Conc, Det F4	8020038	660.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0300	Guardrail, Type B	8070000	850.000	Ft
0310	Guardrail Approach Terminal, Type 1T	8070041	2.000	Ea
0320	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0330	Guardrail Reflector	8070080	30.000	Ea
0340	Post, Steel, 3 lb	8100371	170.000	Ft
0350	Sign, Type III, Rem	8100403	14.000	Ea
0360	Sign, Type IIIB	8100405	66.000	Sft
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,510.000	Ft
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,630.000	Ft
0390	_ Pavt Mrkg, Waterborne, 12 inch, Cross Hatching Yellow	8117001	60.000	Ft
0400	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	90.000	Ft
0410	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	11.000	Ea
0420	_ Pavt Mrkg, Waterborne, Only	8117050	3.000	Ea
0430	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	1.000	Ea
0440	Barricade, Type III, High Intensity, Lighted, Furn	8120022	7.000	Ea
0450	Barricade, Type III, High Intensity, Lighted, Oper	8120023	7.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0480	Dust Palliative, Applied	8120100	10.000	Ton
0490	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0500	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	885.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	885.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	Riprap, Plain	8130010	5.000	Syd
0580	_ Turf Establishment, Modified	8167011	4,800.000	Syd
0590	Gate Box, Adj, Temp, Case 1	8230391	8.000	Ea
0600	_ Gate Box, Adj, Case 1, Modified	8237050	8.000	Ea
0610	_ Gate Box, Adj, Case 2, Modified	8237050	1.000	Ea



3/9/2018 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 026

Letting Date: April 6, 2018

Contract ID: 63000-202072

Description: 0.13 mi of pavement removal, concrete curb and gutter, aggregate base, drainage and temporary signal work on West Long Lake Road at Telegraph Road (US-24), Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202072A	1800351	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	53.000	Ft
0030	Pavt, Rem	2040050	5,450.000	Syd
0040	Embankment, CIP	2050010	39.000	Cyd
0050	Excavation, Earth	2050016	210.000	Cyd
0060	_ Excavation, Earth, RCOC	2057011	312.000	Syd
0070	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	5.000	Ea
0080	Aggregate Base, Conditioning	3020050	4,957.000	Syd
0090	_ Aggregate Base, 8 inch, CIP, 21AA, RCOC	3027011	2,129.000	Syd
0100	_ Aggregate Base, 21AA, RCOC	3027031	20.000	Ton
0110	Maintenance Gravel	3060020	150.000	Ton
0120	Sewer Tap, 6 inch	4021201	2.000	Ea
0130	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0150	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0160	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0170	_ Public Utility Structure, Adj, Add Depth	4037001	6.000	Ft
0180	_ Public Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0190	Underdrain Outlet, 6 inch	4040093	15.000	Ft
0200	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	480.000	Ft
0210	HMA Surface, Rem	5010005	234.000	Syd
0220	HMA Patch, Rem	5010006	35.000	Syd
0230	Hand Patching	5010025	20.000	Ton
0240	HMA, 3E3	5010045	561.000	Ton
0250	HMA, 4E3	5010051	702.000	Ton
0260	HMA, 5E3	5010057	982.000	Ton
0270	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM

0280	_ Conc, Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	205.000	Syd
0290	Joint, Contraction, Crg	6030020	65.000	Ft
0300	Lane Tie, Epoxy Anchored	6030030	44.000	Ea
0310	Curb and Gutter, Conc, Det F4	8020038	429.000	Ft
0320	_ Driveway Opening, Conc, Det M, RCOC	8027001	423.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,823.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,508.000	Ft
0350	Rem Spec Mrkg	8110343	818.000	Sft
0360	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	63.000	Ft
0370	_ Pavt Mrkg, Cold Plastic, 24 inch, Stop Bar	8117001	133.000	Ft
0380	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	365.000	Ft
0390	_ Pavt Mrkg, Cold Plastic, Combo Thru -Right-Turn Arrow Symbol	8117050	3.000	Ea
0400	_ Pavt Mrkg, Cold Plastic, Left Turn Arrow Symbol	8117050	1.000	Ea
0410	_ Pavt Mrkg, Cold Plastic, Right-Turn Arrow Symbol	8117050	6.000	Ea
0420	_ Pavt Mrkg, Type R, Right-Turn Arrow Symbol, Temp	8117050	3.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	6,204.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	777.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,547.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,409.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,247.000	Ft
0530	Plastic Drum, High Intensity, Furn	8120250	180.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	180.000	Ea
0550	Sign Cover	8120310	6.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	_ Pavt Mrkg, Type R, 24 inch, Stop Bar, Temp	8127001	135.000	Ft
0620	_ Pavt Mrkg, Type R, Right-Turn Arrow Symbol, Temp	8127050	3.000	Ea
0630	_ Turf Establishment, Sod, Performance, RCOC	8167011	689.000	Syd
0640	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0650	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
0660	TS, Bag	8200450	8.000	Ea
0670	TS, Bag, Rem	8200451	6.000	Ea

0680	TS Head, Temp	8200453	4.000	Ea
0690	_ Sprinkler Line	8237001	1,200.000	Ft
0700	_ Sprinkler Head, Relocate	8237050	20.000	Ea
0710	_ Sprinkler Head, Replace	8237050	100.000	Ea
0720	_ Valve Box, Adj, Case 1	8237050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180406 027

Letting Date: April 6, 2018

Contract ID: 78000-200283

Description: 0.98 mi of hot mix asphalt crushing, shaping and resurfacing, centerline rumble strips and pavement markings on Constantine Road from Roys Road to Fairchild Road, St. Joseph County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200283A	1800359	N/A	HRRR 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,700.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Aggregate Base, LM	3020002	550.000	Cyd
0040	Aggregate Base, Conditioning	3020050	18,844.000	Syd
0050	HMA Base Crushing and Shaping	3050002	12,956.000	Syd
0060	Shoulder, CI II	3070121	1,500.000	Ton
0070	Cold Milling HMA Surface	5010002	18.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	147.000	Syd
0090	HMA Approach	5010061	100.000	Ton
0100	HMA, LVSP	5010703	3,200.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,600.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,150.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	424.000	Ft
0190	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	149.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	149.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Railroad Protection, at Grade Crossing	8127060	3,000.000	Dlr
0250	Centerline Corrugations, Milled, HMA	8220013	5,300.000	Ft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 028

Letting Date: April 6, 2018

Contract ID: 68000-202174

Description: 11.14 mi of chip sealing, fog sealing, pavement markings and signing on Red Oak Road from Hanson Road north to the north county line of Oscoda County, Oscoda County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202174A	1800278	N/A	STL 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,800.00	1500001	1.000	LSUM
0020	Seal, Single Chip	5050001	156,900.000	Syd
0030	_ Seal, Fog	5057011	156,900.000	Syd
0040	Fdn, Wood Support, Rem	8100280	81.000	Ea
0050	Post, Steel, 3 lb	8100371	1,876.000	Ft
0060	Sign, Type IIB	8100399	20.000	Sft
0070	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0080	Sign, Type IIIA	8100404	150.000	Sft
0090	Sign, Type IIIB	8100405	651.000	Sft
0100	_ Sign, Type III, Rem, Modified	8107050	180.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	115,325.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	77,775.000	Ft
0130	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0140	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
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, Type B, Temp, Prismatic, Furn	8120350	890.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	890.000	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: 180406 029

Letting Date: April 6, 2018

Contract ID: 36141-130455

Description: 0.65 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base and shoulders on County Road 651/Sunset Lake Road from Section 16 Road to Noren Road, Iron County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130455A	1800374	N/A	STL 36141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,000.00	1500001	1.000	LSUM
0020	Aggregate Base, 3 inch	3020008	10,678.000	Syd
0030	HMA Base Crushing and Shaping	3050002	11,707.000	Syd
0040	Approach, CI I, 3 inch	3070005	1,029.000	Syd
0050	Approach, CI II, 3 inch	3070025	1,107.000	Syd
0060	Shoulder, CI II, 3 inch	3070125	2,568.000	Syd
0070	HMA, LVSP	5010703	1,755.000	Ton
0080	Post, Steel, 3 lb	8100371	128.000	Ft
0090	Sign, Type III, Rem	8100403	10.000	Ea
0100	Sign, Type IIIA	8100404	19.000	Sft
0110	Sign, Type IIIB	8100405	23.000	Sft
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,804.000	Ft
0130	Recessing Pavt Mrkg, Longit	8110450	6,864.000	Ft
0140	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	6,864.000	Ft
0150	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	275.000	Ft
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	459.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	459.000	Sft
0210	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: 180406 030

Letting Date: April 6, 2018

Contract ID: 39000-201482

Description: Application of special pavement markings on various routes, Berrien, Branch, Calhoun, Cass,
Kalamazoo, St. Joseph and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201482A	1800470	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	3.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	16,599.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	501.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,171.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	6,768.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	8,663.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	5.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	20.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	31.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	908.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	269.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	8.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	111.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	29.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	11.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	192.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, School	8110074	52.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	10.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	10.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	24.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	68.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, Yellow	8110082	314.000	Ft

0250	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	28.000	Ea
0260	Rem Spec Mrkg	8110343	68,936.000	Sft
0270	Recessing Pavt Mrkg, Transv	8110451	7,415.000	Sft
0280	Recessing Pavt Mrkg, Turning Guide Line	8110452	611.000	Sft
0290	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Cross Hatching, White	8117001	1,084.000	Ft
0300	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Cross Hatching, Yellow	8117001	1,566.000	Ft
0310	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Crosswalk	8117001	1,631.000	Ft
0320	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	451.000	Ft
0330	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	1,447.000	Ft
0340	_ Pavt Mrkg, Methyl Methacrylate, Bike, Small Sym	8117050	2.000	Ea
0350	_ Pavt Mrkg, Methyl Methacrylate, Direction Arrow Sym, Bike	8117050	2.000	Ea
0360	_ Pavt Mrkg, Methyl Methacrylate, Lt Roundabout Arrow Sym	8117050	4.000	Ea
0370	_ Pavt Mrkg, Methyl Methacrylate, Lt Turn Arrow Sym	8117050	1.000	Ea
0380	_ Pavt Mrkg, Methyl Methacrylate, Only	8117050	6.000	Ea
0390	_ Pavt Mrkg, Methyl Methacrylate, Rt Turn Arrow Sym	8117050	5.000	Ea
0400	_ Pavt Mrkg, Methyl Methacrylate, School	8117050	2.000	Ea
0410	_ Pavt Mrkg, Methyl Methacrylate, Sharrow Symbol	8117050	1.000	Ea
0420	_ Pavt Mrkg, Methyl Methacrylate, Thru & Lt Roundabout Arrow Sym	8117050	11.000	Ea
0430	_ Pavt Mrkg, Methyl Methacrylate, Thru and Lt Turn Arrow Sym	8117050	8.000	Ea
0440	_ Pavt Mrkg, Methyl Methacrylate, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0450	_ Pavt Mrkg, Methyl Methacrylate, Thru Arrow Sym	8117050	19.000	Ea
0460	_ Pavt Mrkg, Methyl Methacrylate, Wrong Way Arrow Symbol	8117050	4.000	Ea
0470	_ Pavt Mrkg, Methyl Methacrylate, Yield	8117050	20.000	Ea
0480	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	7.000	Ea
0490	_ Pavt Mrkg, Waterborne, Only	8117050	1.000	Ea
0500	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	3.000	Ea
0510	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180406 031

Letting Date: April 6, 2018

Contract ID: 58151-132598

Description: 14.30 mi of concrete pavement repairs and pavement markings on I-75 from the Michigan/Ohio state line to just south of Dixie Highway, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132598A	1800535	N/A	IM 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$87,900.00	1500001	1.000	LSUM
0020	Joint, Contraction, Cp	6020200	2,700.000	Ft
0030	Cement	6030005	183.000	Ton
0040	Joint, Contraction, Crg	6030020	7,296.000	Ft
0050	Joint, Expansion, Erg	6030021	26.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	4,823.000	Ea
0070	Non-Chloride Accelerator	6030035	3,902.000	Gal
0080	Pavt Repr, Nonreinf Conc, 12 inch	6030052	3,261.000	Syd
0090	Pavt Repr, Nonreinf Conc, 13 inch	6030053	2,392.000	Syd
0100	Pavt Repr, Rem	6030080	5,653.000	Syd
0110	Saw Cut, Intermediate	6030090	6,613.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,000.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,800.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0180	Ltg for Night Work	8120160	1.000	LSUM
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Mobile Attenuator	8120180	1.000	Ea
0210	Plastic Drum, Fluorescent, Furn	8120252	1,000.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	1,000.000	Ea
0230	Sign Cover	8120310	25.000	Ea
0240	Sign Cover, Type 1	8120320	2.000	Ea
0250	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0260	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,732.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,732.000	Sft

0290	_ Temp Rumble Strips (Orange)	8127001	1,944.000	Ft
0300	_ Sign, Portable, Changeable Message, NTCIP Compliant, Furn	8127050	3.000	Ea
0310	_ Sign, Portable, Changeable Message, NTCIP Compliant, Oper	8127050	3.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 032

Letting Date: April 6, 2018

Contract ID: 47013-132988

Description: 4.69 mi of longitudinal joint repairs along the outside lane using asphalt mastic and pavement markings on US-23 from Silver Lake Road to I-96, Livingston County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132988A	1800536	N/A	ST 47013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,100.00	1500001	1.000	LSUM
0020	Pavt Joint and Crack Repr, Det 7	5010020	23,500.000	Ft
0030	_ Crack Filling with Asphalt Repair Mastic	5017001	24,000.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	41,000.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,000.000	Ft
0060	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Ltg for Night Work	8120160	1.000	LSUM
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	243.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	243.000	Ea
0130	Sign Cover	8120310	8.000	Ea
0140	Sign, Type A, Temp, Prismatic, Furn	8120340	26.000	Sft
0150	Sign, Type A, Temp, Prismatic, Oper	8120341	26.000	Sft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0180	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0190	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 033

Letting Date: April 6, 2018

Contract ID: 17063-125836

Description: Traffic signal modernizations and sidewalk ramp upgrades on various routes, Alger, Mackinac, Chippewa and Luce Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125836A	1800483	N/A	STG 17063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,300.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	6.000	Syd
0030	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0050	Erosion Control, Silt Fence	2080036	20.000	Ft
0060	Subbase, LM	3010003	1.000	Cyd
0070	_ Pedestrian Path, Temp	8007001	10.000	Ft
0080	_ Local Device Testing, Cellular Modem	8007050	1.000	Ea
0090	_ Local Device Testing, Field Switch	8007050	1.000	Ea
0100	_ Local Device Testing, Roadside Unit	8007050	1.000	Ea
0110	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0120	_ Roadside Unit, Intersection	8007050	1.000	Ea
0130	Sidewalk Ramp, Conc, 4 inch	8030034	25.000	Sft
0140	Sidewalk, Conc, 4 inch	8030044	25.000	Sft
0150	Fence, Protective	8080007	50.000	Ft
0160	Post, Steel, 3 lb	8100371	82.000	Ft
0170	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0180	Sign, Type IIB	8100399	32.000	Sft
0190	Sign, Type III, Rem	8100403	2.000	Ea
0200	Sign, Type IIIA	8100404	18.000	Sft
0210	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	150.000	Ft
0220	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Mobile Attenuator	8120180	2.000	Ea

0280	Sign Cover	8120310	8.000	Ea
0290	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0300	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	840.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	840.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Pedestrian Type II Barricade, Temp	8127050	4.000	Ea
0350	Slope Restoration, Type B	8160101	100.000	Syd
0360	Cable Pole, Intercn, Disman	8190005	2.000	Ea
0370	Cable Pole, TS and Sec, Disman	8190009	5.000	Ea
0380	Cable Pole, TS Sec and Intercn, Disman	8190011	1.000	Ea
0390	Cable, Rem	8190016	1,500.000	Ft
0400	Conduit, DB, 1, 1 1/2 inch	8190027	420.000	Ft
0410	Conduit, DB, 3, 3 inch	8190035	25.000	Ft
0420	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0430	Conduit, Rem	8190140	100.000	Ft
0440	Hh, Rem	8190254	1.000	Ea
0450	Hh, Round, 3 foot dia	8190259	1.000	Ea
0460	Hh, Round	8190260	8.000	Ea
0470	Cable, Shielded, 300V, 1, 6 Twisted Pair #16, Fig 8, Intercn	8190421	1,350.000	Ft
0480	Wood Pole, Cl 4, 45 foot	8190474	7.000	Ea
0490	Wood Pole, Fit Up, Intercn Cable Pole	8190488	2.000	Ea
0500	Wood Pole, Fit Up, Metered Sec Elec Serv	8190489	1.000	Ea
0510	Wood Pole, Fit Up, Sec and Intercn Cable Pole	8190494	1.000	Ea
0520	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	3.000	Ea
0530	Wood Pole, Fit Up, TS, Sec and Intercn Cable Pole	8190502	1.000	Ea
0540	Wood Pole, Rem	8190505	8.000	Ea
0550	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	150.000	Ft
0560	Conduit, Directional Bore, 1, 3 inch	8190602	100.000	Ft
0570	Anchor Guy	8200001	1.000	Ea
0580	Case Sign, Rem	8200020	3.000	Ea
0590	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0600	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0610	Conduit Repr, Under Pavt	8200027	20.000	Ft
0620	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0630	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
0640	Controller and Cabinet, Rem	8200030	8.000	Ea
0650	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
0660	Controller Fdn, Base Mount	8200045	1.000	Ea
0670	Flash Beacon, Controller and Cabinet, Solid State	8200070	6.000	Ea
0680	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0690	Metered Serv	8200090	2.000	Ea
0700	Metered Serv, Rem	8200095	4.000	Ea
0710	Pedestal, Underground Serv, Metered	8200111	3.000	Ea

0720	Pedestal, Underground Serv, Rem	8200113	1.000	Ea
0730	Serv Disconnect	8200135	7.000	Ea
0740	Serv Disconnect, Rem	8200136	4.000	Ea
0750	Span Wire	8200140	8.000	Ea
0760	Span Wire, Rem	8200141	5.000	Ea
0770	Span Wire Tether	8200142	4.000	Ea
0780	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
0790	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0800	Warning Sign, Rem	8200261	2.000	Ea
0810	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
0820	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	2.000	Ea
0830	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	6.000	Ea
0840	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0850	Sign Optical, Rem	8200372	2.000	Ea
0860	Sign Optical, (LED)	8200373	3.000	Ea
0870	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0880	Video Traf Detection Camera, Rem	8200384	4.000	Ea
0890	Bracket, Truss, Rem	8200388	1.000	Ea
0900	Hemispherical Video Detection Camera	8200444	1.000	Ea
0910	Hemispherical Video Detection System	8200445	1.000	Ea
0920	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0930	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0940	Strain Pole Fdn, 6 Bolt	8200470	51.000	Ft
0950	Casing	8200480	8.000	Ft
0960	Cellular Modem, TS, 4G	8200498	1.000	Ea
0970	Backplate, TS	8200501	8.000	Ea
0980	Contractor Staking, Road Only	8240007	1.000	LSUM
0990	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
1000	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1010	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 180406 034

Letting Date: April 6, 2018

Contract ID: 57023-131777

Description: 59.66 mi of hot mix asphalt crack treatment on various routes and freeway ramps, Grand Traverse, Missaukee and Wexford Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131777A	1800522	N/A	ST 57023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,900.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	56.630	Lnmi
0030	HMA Crack Treatment, Ramp, Warranty	5020028	3.030	Lnmi
0040	_ Traffic Control	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180406 035

Letting Date: April 6, 2018

Contract ID: 58033-202451

Description: Partial substructure replacement on US-23 northbound at Sherman Road, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202451A	N/A	N/A	MER 58033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,200.00	1500001	1.000	LSUM
0020	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	420.000	Ft
0040	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	420.000	Ft
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0070	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0080	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0090	Conc Barrier, Temp, Adj	8120080	800.000	Ft
0100	Conc Barrier, Temp, Furn	8120081	800.000	Ft
0110	Conc Barrier, Temp, Oper	8120082	800.000	Ft
0120	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0130	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Ltg for Night Work	8120160	1.000	LSUM
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Mobile Attenuator	8120180	1.000	Ea
0190	Plastic Drum, High Intensity, Furn	8120250	110.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	110.000	Ea
0210	PTS System, Temp, Furn	8120270	1.000	Ea
0220	PTS System, Temp, Oper	8120271	1.000	Ea
0230	Sign Cover	8120310	5.000	Ea
0240	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0250	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	952.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	952.000	Sft

0280	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0290	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0300	Contractor Staking	8240001	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0340	Structures, Rem Portions	2040061	1.000	LSUM
0350	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0360	Bridge Ltg, Oper and Maintain	7060002	11.000	Cyd
0370	Expansion Joint Device	7060050	10.000	Ft
0380	False Decking	7060060	470.000	Sft
0390	Reinforcement, Steel, Epoxy Coated	7060092	3,682.000	Lb
0400	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0410	Superstructure Conc, Night Casting, High Performance	7060117	11.000	Cyd
0420	Bearing, Elastomeric, 3 inch	7070020	261.000	Sin
0430	Shear Developers	7070040	1.000	LSUM
0440	Structural Steel, Rolled Shape, Erect	7070070	8,469.000	Lb
0450	Structural Steel, Rolled Shape, Furn and Fab	7070071	8,469.000	Lb
0460	Conc Surface Coating (S03 of 58033)	7100010	1.000	LSUM
0470	Substructure Horizontal Surface Sealer (S03 of 58033)	7100030	6.000	Syd
0480	Bridge Barrier Railing, Type 5, High Performance	7110016	71.000	Ft
0490	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	4.000	Ea
0500	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0510	Reinforcement, Mechanical Splice	7120084	258.000	Ea
0520	Embedded Galvanic Anode	7120120	38.000	Ea
0530	Beam Plate, Seal Perimeter	7130010	45.000	Ft
0540	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,012.000	Lb
0550	Field Repair of Damaged Coating	7160001	1.000	LSUM
0560	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0570	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0580	Sign, Type II, Rem	8100397	1.000	Ea
0590	Sign, Type IIB	8100399	16.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 180406 036

Letting Date: April 6, 2018

Contract ID: 631121-132249

Description: Tree clearing for obstruction removal in the approach to runway 9/R, Phase 2 at the Oakland County International Airport, city of Pontiac, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132249A	N/A	N/A	M 631121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Misc. Tree Cutting	1517050	460.000	Ea
0040	Misc. Quercus bicolor, 2 inch	8007050	18.000	Ea
0050	Misc. Quercus Macrocarpa, 2 inch	8007050	14.000	Ea
0060	Misc. Quercus Rubra, 2 inch	8007050	14.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 037

Letting Date: April 6, 2018

Contract ID: 82000-132679

Description: Bridge rehabilitation including deck overlay, painting, barrier, approach reconstruction, guardrail, hot mix asphalt resurfacing and pavement marking on Dix Toledo Road over Allen Road and Pennsylvania Road, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132679A	1782109	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$501,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	216.000	Ft
0030	Guardrail, Rem	2040035	331.000	Ft
0040	Pavt, Rem	2040050	1,680.000	Syd
0050	Sidewalk, Rem	2040055	212.000	Syd
0060	_ Misc Culvert Cleanout	2047001	474.000	Ft
0070	_ Misc Pavt, Rem, Patching	2047011	1,270.000	Syd
0080	Excavation, Earth	2050016	1,010.000	Cyd
0090	_ Embankment, CIP, Modified	2057021	80.000	Cyd
0100	_ Misc Subgrade Undercutting, Type IV	2057021	25.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	500.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base	3020001	75.000	Ton
0160	_ Aggregate Base, 5 inch, Modified	3027011	435.000	Syd
0170	_ Aggregate Base, 9 inch, Modified	3027011	265.000	Syd
0180	_ Misc Aggregate Base, Conditioning	3027011	1,680.000	Syd
0190	_ Shoulder, CI I, 5 inch, Modified	3077011	429.000	Syd
0200	Dr Structure Cover, Type K	4030050	5.000	Ea
0210	_ Misc Structure Cover, Adj	4037050	1.000	Ea
0220	_ Misc Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0230	Pavt, Cleaning	5010001	1.000	LSUM
0240	Cold Milling HMA Surface	5010002	4,343.000	Syd
0250	Pavt Joint and Crack Repr, Det 7	5010020	233.000	Ft
0260	Pavt Joint and Crack Repr, Det 8	5010021	233.000	Ft
0270	Hand Patching	5010025	40.000	Ton

0280	HMA, 4E10	5010052	281.000	Ton
0290	HMA, 5E10	5010058	211.000	Ton
0300	Joint, Contraction, Cp	6020200	1,744.000	Ft
0310	Joint, Expansion, E2	6020207	400.000	Ft
0320	Joint, Expansion, E3	6020208	500.000	Ft
0330	_ Misc Conc Approach Pavt, Reinf	6027021	2,110.000	Cyd
0340	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,270.000	Syd
0350	Curb and Gutter, Bridge Approach	8020010	197.000	Ft
0360	Curb and Gutter, Conc, Det F6	8020040	490.000	Ft
0370	_ Misc Conc Curb Cap	8027001	406.000	Ft
0380	_ Misc Conc Curb Cap, Patching	8027001	200.000	Ft
0390	Sidewalk, Conc, 4 inch	8030044	636.000	Sft
0400	Guardrail, Type B	8070000	863.000	Ft
0410	Guardrail Anch, Bridge, Det T2	8070023	8.000	Ea
0420	Guardrail, Salv	8070075	655.000	Ft
0430	Guardrail Reflector	8070080	29.000	Ea
0440	_ Misc Field Office	8097043	4.000	Mo
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,403.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,922.000	Ft
0470	Recessing Pavt Mrkg, Longit	8110450	4,325.000	Ft
0480	Barricade, Type III, High Intensity, Lighted, Furn	8120022	32.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Oper	8120023	32.000	Ea
0500	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0510	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	760.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	760.000	Ft
0540	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0550	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0560	Lighted Arrow, Type A, Furn	8120120	6.000	Ea
0570	Lighted Arrow, Type A, Oper	8120121	6.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0610	PTS System, Temp, Furn	8120270	6.000	Ea
0620	PTS System, Temp, Oper	8120271	6.000	Ea
0630	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0640	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	862.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	862.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	116.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	116.000	Sft
0690	Water, Sodding/Seeding	8160090	36.000	Unit
0700	Slope Restoration, Type A	8160100	980.000	Syd
0710	Slope Restoration, Type C	8160102	150.000	Syd
0720	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM

Section: 2

0730	HMA Patch, Rem	5010006	155.000	Syd
0740	Conc, Grade D	7060010	166.000	Cyd
0750	Expansion Joint Device	7060050	833.000	Ft
0760	False Decking	7060060	29,940.000	Sft
0770	Reinforcement, Steel, Epoxy Coated	7060092	31,416.000	Lb
0780	Water Repellent Treatment, Penetrating	7060140	2,395.000	Syd
0790	_ Bearing, Replacement	7077050	17.000	Ea
0800	Conc Surface Coating	7100011	405.000	Syd
0810	Substructure Horizontal Surface Sealer (12189)	7100030	96.000	Syd
0820	Substructure Horizontal Surface Sealer (12191)	7100030	70.000	Syd
0830	Bridge Railing, Aesthetic Parapet Tube	7110005	683.000	Ft
0840	Hand Chipping, Other Than Deck	7120007	1,357.000	Cft
0850	Patch, Forming	7120017	13,542.000	Sft
0860	Bridge Deck Surface Construction	7120025	3,470.000	Syd
0870	Conc, Silica Fume Modified	7120027	377.000	Cyd
0880	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	28.000	Ea
0890	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	2,496.000	Ea
0900	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	234.000	Ea
0910	Structures, Rehabilitation, Rem Portions (12189)	7120070	1.000	LSUM
0920	Structures, Rehabilitation, Rem Portions (12191)	7120070	1.000	LSUM
0930	Deck Joint, Rem	7120071	833.000	Ft
0940	Patching Conc, C-L	7120112	53.000	Cyd
0950	Embedded Galvanic Anode	7120120	2,908.000	Ea
0960	_ Scarifying, Modified	7127011	3,470.000	Syd
0970	_ Adhesive Anchoring of Vertical Bar, 1 1/2 inch	7127050	10.000	Ea
0980	Beam Plate, Seal Perimeter	7130010	3,354.000	Ft
0990	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	15,175.000	Lb
1000	_ Pack Rust Repair	7137001	202.000	Ft
1010	_ Jacking and Shoring	7137050	54.000	Ea
1020	Steel Structure, Cleaning, Type 4 (12189)	7150045	1.000	LSUM
1030	Steel Structure, Cleaning, Type 4 (12191)	7150045	1.000	LSUM
1040	Steel Structure, Coating, Type 4 (12189)	7150046	1.000	LSUM
1050	Steel Structure, Coating, Type 4 (12191)	7150046	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 180406 038

Letting Date: April 6, 2018

Contract ID: 70000-130764

Description: 1.67 mi of hot mix asphalt widening, concrete curb, gutter, sidewalk and ramps, aggregate base, storm and sanitary sewer, watermain and pavement markings on Cottonwood Drive from Baldwin Street to Bauer Road, Ottawa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130764A	1800479	N/A	STU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$467,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	17.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	14.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	26.000	Ea
0050	Dr Structure, Rem	2030011	38.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	1,877.000	Ft
0070	Curb and Gutter, Rem	2040020	17,575.000	Ft
0080	Curb, Rem	2040021	25.000	Ft
0090	Pavt, Rem	2040050	295.000	Syd
0100	Sidewalk, Rem	2040055	7,115.000	Syd
0110	Embankment, CIP	2050010	3,120.000	Cyd
0120	Excavation, Earth	2050016	4,470.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0140	_ Driveway Grading	2057050	83.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	45.000	Cyd
0170	Erosion Control, Silt Fence	2080036	1,060.000	Ft
0180	Subbase, CIP	3010002	1,220.000	Cyd
0190	Aggregate Base, 6 inch	3020016	122.000	Syd
0200	Aggregate Base, 7 inch	3020018	77,450.000	Syd
0210	HMA Base Crushing and Shaping	3050002	40,386.000	Syd
0220	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0230	Approach, CI I, 6 inch	3070008	2,220.000	Syd
0240	Approach, CI I, 7 inch	3070009	567.000	Syd
0250	_ Shoulder, Class II, Modified	3077011	433.000	Syd
0260	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,657.000	Ft
0270	Sewer, CI IV, 18 inch, Tr Det B	4020989	700.000	Ft

0280	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0290	Dewatering System, Trench	4021265	100.000	Ft
0300	Dr Structure Cover, Type B	4030010	33.000	Ea
0310	Dr Structure Cover, Type D	4030025	1.000	Ea
0320	Dr Structure Cover, Type K	4030050	44.000	Ea
0330	Dr Structure Cover, Type Q	4030065	1.000	Ea
0340	Dr Structure, 24 inch dia	4030200	40.000	Ea
0350	Dr Structure, 48 inch dia	4030210	6.000	Ea
0360	Dr Structure, Cleaning	4030290	22.000	Ea
0370	Dr Structure, Tap, 12 inch	4030312	44.000	Ea
0380	Dr Structure, Tap, 18 inch	4030318	8.000	Ea
0390	Dr Structure, Temp Lowering	4030390	57.000	Ea
0400	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	57.000	Ea
0410	Underdrain, Subgrade, 6 inch	4040073	50.000	Ft
0420	Underdrain, Subgrade, 12 inch	4040079	50.000	Ft
0430	Cold Milling HMA Surface	5010002	2,251.000	Syd
0440	HMA Surface, Rem	5010005	14,996.000	Syd
0450	Pavt for Butt Joints, Rem	5010008	2,415.000	Syd
0460	HMA, 4E3	5010051	11,820.000	Ton
0470	HMA, 5E3	5010057	4,870.000	Ton
0480	HMA Approach	5010061	2,160.000	Ton
0490	Driveway, Nonreinf Conc, 6 inch	8010005	985.000	Syd
0500	Curb, Conc, Det E2	8020002	25.000	Ft
0510	Curb and Gutter, Conc, Det F4	8020038	15,454.000	Ft
0520	Driveway Opening, Conc, Det M	8020050	1,470.000	Ft
0530	Detectable Warning Surface	8030010	207.000	Ft
0540	Curb Ramp Opening, Conc	8030030	288.000	Ft
0550	Sidewalk Ramp, Conc, 4 inch	8030034	3,505.000	Sft
0560	Sidewalk, Conc, 4 inch	8030044	42,101.000	Sft
0570	Sidewalk, Conc, 6 inch	8030046	6,197.000	Sft
0580	Shared use Path, Grading	8060030	110.000	Ft
0590	Shared use Path, HMA	8060040	14.000	Ton
0600	_ Mailbox Post, Modified	8077050	58.000	Ea
0610	Fence, Moving	8080120	100.000	Ft
0620	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	608.000	Ft
0630	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	7,430.000	Ft
0640	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	22,320.000	Ft
0650	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	20.000	Ea
0660	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0670	Recessing Pavt Mrkg, Turning Guide Line	8110452	72.000	Sft
0680	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	114.000	Ft
0690	Barricade, Type III, High Intensity, Lighted, Furn	8120022	26.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Oper	8120023	26.000	Ea
0710	Dust Palliative, Applied	8120100	30.000	Ton

0720	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0730	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,456.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,912.000	Ft
0770	Plastic Drum, High Intensity, Furn	8120250	285.000	Ea
0780	Plastic Drum, High Intensity, Oper	8120251	285.000	Ea
0790	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0800	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	1,256.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	1,256.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	214.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	214.000	Sft
0850	Traf Regulator Control	8120370	1.000	LSUM
0860	Sodding	8160055	225.000	Syd
0870	_ Slope Restoration	8167011	12,180.000	Syd
0880	_ Hydrant Extension	8237001	19.000	Ft
0890	_ Water Main, Abandon	8237001	9,000.000	Ft
0900	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	329.000	Ft
0910	_ Water Main, PVC, 12 inch, Tr Det G, Modified	8237001	7,904.000	Ft
0920	_ Water Main, PVC, 8 inch, Tr Det G, Modified	8237001	820.000	Ft
0930	_ Water Service, Copper, 1 inch	8237001	3,112.000	Ft
0940	_ Water Service, Copper, 1.5 inch	8237001	108.000	Ft
0950	_ Reaction Backing, Conc	8237010	66.000	Sft
0960	_ Corporation Stop and Service Saddle, 1 inch	8237050	53.000	Ea
0970	_ Corporation Stop and Service Saddle, 1.5 inch	8237050	3.000	Ea
0980	_ Curb Stop and Box, 1 inch	8237050	53.000	Ea
0990	_ Curb Stop and Box, 1.5 inch	8237050	3.000	Ea
1000	_ Fire Hydrant, 5 inch	8237050	11.000	Ea
1010	_ Gate Box, Adj	8237050	56.000	Ea
1020	_ Hydrant, Rem, Modified	8237050	11.000	Ea
1030	_ Live Tap, 12 inch x 12 inch, Modified	8237050	1.000	Ea
1040	_ Test Station	8237050	13.000	Ea
1050	_ Water Main, DI, 11.25 Degree Bend, 8 inch	8237050	1.000	Ea
1060	_ Water Main, DI, 45 Degree Bend, 12 inch	8237050	14.000	Ea
1070	_ Water Main, DI, 45 Degree Bend, 6 inch	8237050	20.000	Ea
1080	_ Water Main, DI, 45 Degree Bend, 8 inch	8237050	6.000	Ea
1090	_ Water Main, DI, Plug, 12 inch	8237050	1.000	Ea
1100	_ Water Main, DI, Reducer, 8 inch x 6 inch	8237050	9.000	Ea
1110	_ Water Main, DI, Sleeve, 12 inch	8237050	6.000	Ea
1120	_ Water Main, DI, Sleeve, 8 inch	8237050	4.000	Ea
1130	_ Water Main, DI, Tee, 12 inch x 12 inch x 12 inch	8237050	3.000	Ea
1140	_ Water Main, DI, Tee, 12 inch x 12 inch x 6 inch	8237050	8.000	Ea

1150	_ Water Main, DI, Tee, 12 inch x 12 inch x 8 inch	8237050	15.000	Ea
1160	_ Water Main, DI, Tee, 8 inch x 8 inch x 6 inch	8237050	3.000	Ea
1170	_ Water Main, Gate Valve & Box, 12 inch, Modified	8237050	13.000	Ea
1180	_ Water Main, Gate Valve & Box, 6 inch, Modified	8237050	11.000	Ea
1190	_ Water Main, Gate Valve & Box, 8 inch, Modified	8237050	15.000	Ea
1200	_ Water Main, Restrained Coupling, 12 inch	8237050	3.000	Ea
1210	_ Water Main, Restrained Coupling, 6 inch	8237050	9.000	Ea
1220	_ Water Main, Restrained Coupling, 8 inch	8237050	2.000	Ea
1230	_ Water Main, Temporary Plug, 12 inch	8237050	4.000	Ea
1240	_ Water Main, Temporary Plug, 6 inch	8237050	19.000	Ea
1250	_ Water Main, Temporary Plug, 8 inch	8237050	3.000	Ea
1260	_ Sanitary Force Main, Abandon	8257001	200.000	Ft
1270	_ Sanitary Force Main, DI, 10 inch, Tr Det B	8257001	45.000	Ft
1280	_ Sanitary Force Main, HDPE, 14 inch, Tr Det B	8257001	4,015.000	Ft
1290	_ Sanitary Sewer Lining, 21 inch	8257001	545.000	Ft
1300	_ Sanitary Sewer, 12 inch, Tr Det B	8257001	110.000	Ft
1310	_ Sanitary Sewer, Rem, Less than 24 inch	8257001	426.000	Ft
1320	_ Steel Casing Pipe, 20 inch	8257001	20.000	Ft
1330	_ Air Release Manhole, 60 inch Dia	8257050	1.000	Ea
1340	_ Marking Post	8257050	8.000	Ea
1350	_ Sanitary Force Main, DI, Bend, 45 degree, 10 inch	8257050	2.000	Ea
1360	_ Sanitary Force Main, DI, Reducer, 14 inch x 10 inch	8257050	1.000	Ea
1370	_ Sanitary Force Main, HDPE, Bend, 45 Degree, 14 inch	8257050	7.000	Ea
1380	_ Sanitary Force Main, HDPE, MJ Adapter, 14 inch	8257050	1.000	Ea
1390	_ Sanitary Force Main, Restrained Coupling, 10 inch	8257050	1.000	Ea
1400	_ Sanitary Lateral, Adjust	8257050	38.000	Ea
1410	_ Sanitary Lateral, Reinststate, 6 inch	8257050	7.000	Ea
1420	_ Sanitary Manhole Lining, 60 inch Dia	8257050	2.000	Ea
1430	_ Sanitary Manhole Lining, 96 inch Dia	8257050	1.000	Ea
1440	_ Sanitary Manhole, 96 inch Dia	8257050	1.000	Ea
1450	_ Thrust Restraint, 14 inch	8257050	2.000	Ea
1460	_ Maintain Existing Sewer Flows	8257051	1.000	LSUM
1470	_ Sewer Cleaning and Televising	8257051	1.000	LSUM



3/9/2018 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 039

Letting Date: April 6, 2018

Contract ID: 41000-130759

Description: 2.03 mi of hot mix asphalt reconstruction, storm sewer and pavement markings on 10 Mile Road from Alpine Avenue to Pine Island Drive, Kent County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130759A	1800318	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1047060	1.000	Dlr
0020	Mobilization, Max \$224,800.00	1500001	1.000	LSUM
0030	Stump, Rem, 19 inch to 36 inch	2020006	11.000	Ea
0040	Stump, Rem, 37 inch or Larger	2020007	6.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	41.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	71.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	382.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	214.000	Ft
0090	_ Culv, Rem, 24 inch to 48 inch, Modified	2037001	214.000	Ft
0100	_ Culv, Rem, Less than 24 inch, Modified	2037001	202.000	Ft
0110	Curb and Gutter, Rem	2040020	832.000	Ft
0120	Fence, Rem	2040025	80.000	Ft
0130	Pavt, Rem	2040050	3,681.000	Syd
0140	Exploratory Investigation, Vertical	2040080	50.000	Ft
0150	Embankment, CIP	2050010	14,594.000	Cyd
0160	Excavation, Earth	2050016	38,884.000	Cyd
0170	Subgrade Undercutting, Type I	2050040	500.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0190	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0200	Project Cleanup	2090001	1.000	LSUM
0210	Subbase, CIP	3010002	22,465.000	Cyd
0220	_ Aggregate Base, Modified	3017021	5,010.000	Cyd
0230	_ Aggregate Base, Modified	3027031	1,000.000	Ton
0240	HMA Base Crushing and Shaping	3050002	15,972.000	Syd
0250	Salv Crushed Material, LM	3050015	500.000	Cyd
0260	Approach, CI I, CIP	3070002	742.000	Cyd
0270	Shoulder, CI II	3070121	1,300.000	Ton
0280	Trenching	3070200	30.000	Sta

0290	Culv End Sect, Conc, 15 inch	4010048	5.000	Ea
0300	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0310	Culv End Sect, Conc, 36 inch	4010053	4.000	Ea
0320	Culv, CI B, Conc, 12 inch	4010267	1,008.000	Ft
0330	Culv, CI E, 24 inch	4010542	112.000	Ft
0340	Culv, CI E, Conc, 15 inch	4010574	262.000	Ft
0350	Culv, CI E, Conc, 36 inch	4010578	136.000	Ft
0360	Culv, CI E, Conc, 48 inch	4010580	16.000	Ft
0370	Sewer, CI E, 12 inch, Tr Det B	4020600	2,058.000	Ft
0380	Sewer, CI E, 15 inch, Tr Det B	4020601	482.000	Ft
0390	Sewer, CI E, 18 inch, Tr Det B	4020602	132.000	Ft
0400	Sewer, CI E, 24 inch, Tr Det B	4020603	8.000	Ft
0410	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0420	Video Taping Sewer and Culv Pipe	4021275	542.000	Ft
0430	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 inch, Tr Det B, Modified	4027001	542.000	Ft
0440	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0450	Dr Structure Cover, Type C	4030015	15.000	Ea
0460	Dr Structure Cover, Type G	4030040	4.000	Ea
0470	Dr Structure Cover, Type J	4030045	1.000	Ea
0480	Dr Structure, 24 inch dia	4030200	4.000	Ea
0490	Dr Structure, 48 inch dia	4030210	16.000	Ea
0500	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0510	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0520	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0530	_ Inlet Detail 7	4037050	5.000	Ea
0540	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
0550	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,000.000	Ft
0560	_ Private Yard Drain Connection	4047050	10.000	Ea
0570	_ Underdrain, Subbase, 12 x 6 inch Fitting, Modified	4047050	5.000	Ea
0580	_ Underdrain, Subbase, 6 x 6 inch Fitting, Modified	4047050	10.000	Ea
0590	Cold Milling HMA Surface	5010002	27,796.000	Syd
0600	HMA Surface, Rem	5010005	2,800.000	Syd
0610	HMA, 3C	5010031	9,530.000	Ton
0620	HMA, 5E3	5010057	4,735.000	Ton
0630	HMA Approach	5010061	415.000	Ton
0640	_ HMA Spillway	5017001	110.000	Ft
0650	Driveway, Nonreinf Conc, 6 inch	8010005	476.000	Syd
0660	Curb and Gutter, Conc, Det B2	8020016	848.000	Ft
0670	Spillway, Conc	8020075	10.000	Ft
0680	_ Driveway Opening, Conc, Det M, Modified	8027001	194.000	Ft
0690	Post, Mailbox	8070095	76.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0710	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,300.000	Ft
0720	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,000.000	Ft

0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0750	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0760	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	5,000.000	Ft
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
0800	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0810	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	459.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	459.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	136.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	136.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	Riprap, Plain	8130010	88.000	Syd
0880	Mulch	8160025	2,000.000	Syd
0890	Mulch Blanket	8160027	11,500.000	Syd
0900	Mulch Blanket, High Velocity	8160028	300.000	Syd
0910	Seeding, Mixture CR	8160035	2,072.000	Lb
0920	Topsoil Surface, Furn, 3 inch	8160061	39,540.000	Syd
0930	Water, Sodding/Seeding	8160090	20.000	Unit
0940	_ Roadside Seeding	8167011	39,450.000	Syd
0950	Monument Box	8210001	4.000	Ea
0960	Monument Preservation	8210010	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180406 040

Letting Date: April 6, 2018

Contract ID: 33000-129987

Description: 1.19 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, watermain and pavement markings on Jolly Road from Martin Luther King Jr. Boulevard to Pleasant Grove Road in the city of Lansing, Ingham County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129987A	1800358	N/A	STU 33000
201669A	1800364	N/A	STU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$208,000.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	4.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	403.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	40.000	Ft
0060	Curb and Gutter, Rem	2040020	3,428.000	Ft
0070	Sidewalk, Rem	2040055	535.000	Syd
0080	_ Pavt, Rem, Modified	2047011	11,034.000	Syd
0090	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0100	_ Machine Grading, Modified	2057002	63.000	Sta
0110	_ Subgrade Undercutting, Special	2057011	625.000	Syd
0120	_ Erosion Control, Inlet Protection Fabric Drop, Modified	2087050	32.000	Ea
0130	_ Street Sweeping	2087050	30.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	2,702.000	Cyd
0160	Aggregate Base, 8 inch	3020020	7,312.000	Syd
0170	Aggregate Base, 9 inch	3020022	3,325.000	Syd
0180	Sewer, Cl A, 12 inch, Tr Det B	4020033	284.000	Ft
0190	Sewer, Cl A, 30 inch, Tr Det B	4020037	24.000	Ft
0200	Sewer, Cl A, 48 inch, Tr Det B	4020040	16.000	Ft
0210	Video Taping Sewer and Culv Pipe	4021275	324.000	Ft
0220	_ Sanitary Sewer, Lateral Service, Cl A, 6 inch	4027001	130.000	Ft
0230	_ Sanitary Sewer, Spot Repair, Cl A, 10 inch	4027001	103.000	Ft
0240	_ Sanitary Sewer, Spot Repair, Cl A, 8 inch	4027001	30.000	Ft
0250	_ Sanitary Sewer, Spot Repair, Cl C, 15 inch	4027001	32.000	Ft
0260	_ Sanitary Sewer, Wye Branch Connector, 10 inch x 6	4027050	11.000	Ea

	inch			
0270	_ Sanitary Sewer, Wye Branch Connector, 15 inch x 6 inch	4027050	2.000	Ea
0280	_ Sanitary Sewer, Wye Branch Connector, 8 inch x 6 inch	4027050	1.000	Ea
0290	Dr Structure Cover, Adj, Case 1	4030005	69.000	Ea
0300	Dr Structure, 48 inch dia	4030210	4.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0320	Dr Structure, Cleaning	4030290	90.000	Ea
0330	Dr Structure, Temp Lowering	4030390	62.000	Ea
0340	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0350	_ Dr Structure Cover, Modified	4037050	69.000	Ea
0360	Cold Milling HMA Surface	5010002	19,000.000	Syd
0370	Hand Patching	5010025	40.000	Ton
0380	HMA, 2C	5010030	725.000	Ton
0390	HMA, 3C	5010031	2,470.000	Ton
0400	HMA, 4E1	5010050	6,044.000	Ton
0410	HMA, 5E1	5010056	1,550.000	Ton
0420	HMA Approach	5010061	246.000	Ton
0430	_ Cold Milling HMA Surface, Modified	5017011	18,643.000	Syd
0440	Driveway, Nonreinf Conc, 6 inch	8010005	337.000	Syd
0450	Driveway, Nonreinf Conc, 7 inch	8010006	250.000	Syd
0460	Driveway, Nonreinf Conc, 9 inch	8010008	100.000	Syd
0470	Curb and Gutter, Conc, Det F4	8020038	3,163.000	Ft
0480	Curb Ramp Opening, Conc	8030030	197.000	Ft
0490	Sidewalk Ramp, Conc, 6 inch	8030036	1,660.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	2,665.000	Sft
0510	Sidewalk, Conc, 6 inch	8030046	1,056.000	Sft
0520	Sidewalk, Conc, 7 inch	8030047	250.000	Sft
0530	_ Detectable Warning Surface, Modified	8037001	144.000	Ft
0540	_ Sidewalk, Conc, 9 inch	8037010	250.000	Sft
0550	Fence, Protective	8080007	400.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	698.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	475.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	242.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	11.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0610	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,312.000	Ft
0620	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,306.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,312.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,306.000	Ft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0670	Barricade, Type III, High Intensity, Lighted, Furn	8120022	26.000	Ea

0680	Barricade, Type III, High Intensity, Lighted, Oper	8120023	26.000	Ea
0690	Dust Palliative, Applied	8120100	40.000	Ton
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0710	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Plastic Drum, High Intensity, Furn	8120250	305.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	305.000	Ea
0750	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0760	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	1,221.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	1,221.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Parkway Restoration	8167011	3,570.000	Syd
0830	Gate Box, Adj, Case 1	8230431	7.000	Ea
0840	_ Water Main, 8 inch, Abandon and Fill	8237001	1,380.000	Ft
0850	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	90.000	Ft
0860	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	200.000	Ft
0870	_ Water Main, DI, 8 inch, Tr Det G, Modified, Raw	8237001	910.000	Ft
0880	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	87.000	Ft
0890	_ Water Service, 1 inch	8237001	24.000	Ft
0900	_ Water Service, 3/4 inch	8237001	96.000	Ft
0910	_ Fire Hydrant Valve Assembly	8237050	3.000	Ea
0920	_ Fire Hydrant, Excavation and Backfill	8237050	3.000	Ea
0930	_ Fire Hydrant, Rem	8237050	3.000	Ea
0940	_ Gate Valve and Box, 8 inch, Modified	8237050	5.000	Ea
0950	_ Gate Valve and Box, 12 inch, Modified	8237050	5.000	Ea
0960	_ Valve Box, Rem	8237050	10.000	Ea
0970	_ Water Main Fitting, 6 inch, Cap Off	8237050	4.000	Ea
0980	_ Water Main Fitting, 6 inch, Sleeve	8237050	4.000	Ea
0990	_ Water Main Fitting, 8 inch x 6 inch, Reducer	8237050	4.000	Ea
1000	_ Water Main Fitting, 8 inch x 6 inch, Tee	8237050	1.000	Ea
1010	_ Water Main Fitting, 8 inch, 45 Deg Bend	8237050	6.000	Ea
1020	_ Water Main Fitting, 8 inch, 90 Deg Bend	8237050	1.000	Ea
1030	_ Water Main Fitting, 8 inch, Sleeve	8237050	2.000	Ea
1040	_ Water Main Fitting, 12 inch x 6 inch, Tee	8237050	2.000	Ea
1050	_ Water Main Fitting, 12 inch x 8 inch, Cross	8237050	1.000	Ea
1060	_ Water Main Fitting, 12 inch x 8 inch, Tee	8237050	3.000	Ea
1070	_ Water Main Fitting, 12 inch, 45 Deg Bend	8237050	2.000	Ea
1080	_ Water Main Fitting, 12 inch, Cap Off	8237050	3.000	Ea
1090	_ Water Main Fitting, 12 inch, Sleeve	8237050	10.000	Ea
1100	_ Water Main, 6 inch, 45 Deg Bend	8237050	10.000	Ea
1110	_ Water Main, 8 inch, Cap Off	8237050	4.000	Ea
1120	_ Water Main, Connect to Existing	8237050	14.000	Ea

1130	_ Water Service, Main Connection, 1 inch	8237050	3.000	Ea
1140	_ Water Service, Main Connection, 3/4 inch	8237050	21.000	Ea



3/9/2018 9:33 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 041

Letting Date: April 6, 2018

Contract ID: 63000-132785

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, aggregate base, storm sewer, drainage, traffic and pedestrian signals on Livernois Street from Eight Mile Road to Nine Mile Road in the city of Ferndale, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132785A	1800396	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$183,190.00	1500001	1.000	LSUM
0020	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	40.000	Ft
0050	Curb and Gutter, Rem	2040020	1,500.000	Ft
0060	Curb, Rem	2040021	50.000	Ft
0070	Pavt, Rem	2040050	800.000	Syd
0080	Sidewalk, Rem	2040055	500.000	Syd
0090	Exploratory Investigation, Vertical	2040080	10.000	Ft
0100	_ Curb and Gutter, Rem, Modified	2047001	1,000.000	Ft
0110	Embankment, CIP	2050010	50.000	Cyd
0120	Excavation, Earth	2050016	120.000	Cyd
0130	_ Machine Grading, Modified	2057002	3.000	Sta
0140	_ Subgrade Undercutting, 1x3 CC, Modified	2057021	250.000	Cyd
0150	_ Subgrade Undercutting, 21AA, Modified	2057021	500.000	Cyd
0160	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	55.000	Ea
0170	Project Cleanup	2090001	1.000	LSUM
0180	Aggregate Base, 4 inch	3020010	1,250.000	Syd
0190	Aggregate Base, 6 inch	3020016	800.000	Syd
0200	_ Maintenance Millings, Modified	3067021	1,100.000	Cyd
0210	Sewer, CI IV, 12 inch, Tr Det B	4020987	80.000	Ft
0220	Sewer Tap, 12 inch	4021204	1.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	80.000	Ft
0240	_ Sewer Bulkhead, 10 inch	4027050	1.000	Ea
0250	_ Sewer Tap, 12 inch, Modified	4027050	1.000	Ea
0260	_ Sewer Trap, 12 inch	4027050	4.000	Ea
0270	Dr Structure Cover, Adj, Case 1	4030005	35.000	Ea

0280	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0290	Dr Structure Cover, Type G	4030040	2.000	Ea
0300	Dr Structure, 24 inch dia	4030200	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	4.000	Ea
0320	Dr Structure, Adj, Add Depth	4030280	100.000	Ft
0330	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0340	Dr Structure, Temp Lowering	4030390	55.000	Ea
0350	_ Dr Structure Cover, Type B, Modified	4037050	5.000	Ea
0360	_ Dr Structure Cover, Type D, Modified	4037050	10.000	Ea
0370	_ Gate Well Cover, Adj, Case 1	4037050	25.000	Ea
0380	Pavt, Cleaning	5010001	1.000	LSUM
0390	Cold Milling HMA Surface	5010002	35,000.000	Syd
0400	HMA Surface, Rem	5010005	1,150.000	Syd
0410	Pavt Joint and Crack Repr, Det 7	5010020	4,000.000	Ft
0420	Hand Patching	5010025	200.000	Ton
0430	HMA, 3C	5010031	200.000	Ton
0440	HMA, 4E3	5010051	3,600.000	Ton
0450	HMA, 5E3	5010057	2,700.000	Ton
0460	HMA Approach	5010061	500.000	Ton
0470	_ Conc Base, Grade P1, Modified	6027001	1,000.000	Ft
0480	Lane Tie, Epoxy Anchored	6030030	1,000.000	Ea
0490	Pavt Repr, Nonreinf Conc, 8 inch	6030044	500.000	Syd
0500	_ Pavt Repr, Rem, Modified	6037011	500.000	Syd
0510	Driveway, Nonreinf Conc, 6 inch	8010005	450.000	Syd
0520	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	500.000	Syd
0530	Curb and Gutter, Conc, Det F2	8020036	520.000	Ft
0540	Curb and Gutter, Conc, Det F4	8020038	900.000	Ft
0550	Driveway Opening, Conc, Det M	8020050	300.000	Ft
0560	_ Concrete Header, 8 inch	8027001	60.000	Ft
0570	_ Curb and Gutter, Conc, Det F, Modified	8027001	300.000	Ft
0580	_ Curb and Gutter, Conc, Det F6, Modified	8027001	340.000	Ft
0590	Detectable Warning Surface	8030010	120.000	Ft
0600	Curb Ramp Opening, Conc	8030030	140.000	Ft
0610	Sidewalk Ramp, Conc, 4 inch	8030034	500.000	Sft
0620	Sidewalk Ramp, Conc, 6 inch	8030036	400.000	Sft
0630	Sidewalk, Conc, 4 inch	8030044	2,300.000	Sft
0640	Sidewalk, Conc, 6 inch	8030046	70.000	Sft
0650	Sidewalk, Clay Brick Pavers, Rem	8030051	1,700.000	Sft
0660	_ Conc Base Cse, Nonreinf, 4 inch, Perforated	8037010	1,000.000	Sft
0670	_ Concrete Paver, Running Bond	8037010	950.000	Sft
0680	_ Concrete Paver, Soldier Course	8037010	350.000	Sft
0690	_ Sidewalk Ramp, Conc, 8 inch	8037010	500.000	Sft
0700	_ Sidewalk, Conc, 4 inch, Special	8037010	100.000	Sft
0710	_ Sidewalk, Conc, 8 inch	8037010	200.000	Sft
0720	Band, Sign	8100010	2.000	Ea

0730	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
0740	Post, Steel, 3 lb	8100371	640.000	Ft
0750	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0760	Sign, Type III, Rem	8100403	13.000	Ea
0770	Sign, Type IIIA	8100404	52.000	Sft
0780	Sign, Type IIIB	8100405	330.000	Sft
0790	_ Mast Arm Std, 30 foot, RCOC	8107050	3.000	Ea
0800	_ Mast Arm Std, Fdn, RCOC	8107050	3.000	Ea
0810	_ Mast Arm, RCOC	8107050	4.000	Ea
0820	_ Post, Flexible Delineator, Modified	8107050	243.000	Ea
0830	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	650.000	Ft
0840	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,000.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	70.000	Ft
0860	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	250.000	Ft
0870	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	43.000	Ea
0880	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	5.000	Ea
0890	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	43.000	Ea
0900	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0910	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0930	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0940	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	11,500.000	Ft
0950	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	5,500.000	Ft
0960	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	6,500.000	Ft
0970	Rem Spec Mrkg	8110343	600.000	Sft
0980	_ Pavt Mrkg, Regular Dry, 12 inch, Cross Hatching, White	8117001	200.000	Ft
0990	_ Pavt Mrkg, Regular Dry, 12 inch, Cross Hatching, Yellow	8117001	100.000	Ft
1000	_ Pavt Mrkg, Regular Dry, 4 inch, White, Transv	8117001	2,500.000	Ft
1010	_ Pavt Mrkg, Regular Dry, 6 inch, Cross Hatching, White	8117001	4,000.000	Ft
1020	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	3,500.000	Sft
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
1040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1070	Minor Traf Devices	8120170	1.000	LSUM
1080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,500.000	Ft
1090	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	60.000	Ft
1100	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	2.000	Ea
1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
1120	Plastic Drum, High Intensity, Furn	8120250	650.000	Ea

1130	Plastic Drum, High Intensity, Oper	8120251	650.000	Ea
1140	Sign Cover	8120310	10.000	Ea
1150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
1160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
1170	Traf Regulator Control	8120370	1.000	LSUM
1180	_ Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8127001	200.000	Ft
1190	_ Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8127001	1,000.000	Ft
1200	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8127001	200.000	Ft
1210	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8127001	100.000	Ft
1220	_ Pedestrian Type II Barricade, Temp	8127050	75.000	Ea
1230	Gleditsia triacanthos inermis Skyline, 2 inch	8151660	1.000	Ea
1240	Tilia cordata, 2 inch	8153865	4.000	Ea
1250	_ Tree Grate	8157050	1.000	Ea
1260	Sodding	8160055	1,500.000	Syd
1270	Topsoil Surface, Furn, 2 inch	8160060	1,500.000	Syd
1280	Water, Sodding/Seeding	8160090	80.000	Unit
1290	Cable Pole, Sec, Disman	8190006	1.000	Ea
1300	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
1310	Cable Pole, TS, Disman	8190010	6.000	Ea
1320	Conduit, DB, 1, 1 1/4 inch	8190026	280.000	Ft
1330	Conduit, DB, 1, 3 inch	8190029	205.000	Ft
1340	Conduit, DB, 2, 3 inch	8190032	55.000	Ft
1350	Conduit, DB, 3, 4 inch	8190036	10.000	Ft
1360	Hh, Rem	8190254	8.000	Ea
1370	Hh, Round	8190260	1.000	Ea
1380	Wood Pole	8190465	2.000	Ea
1390	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
1400	Wood Pole, Rem	8190505	6.000	Ea
1410	_ Cable, Equipment Grounding Wire, 1/C#2, XHHW	8197001	50.000	Ft
1420	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	120.000	Ft
1430	_ Cable, St Ltg, 600V, 2, 1/C#8, XHHW	8197001	50.000	Ft
1440	_ Cable, St Ltg, 600V, 3, 1/C#2, XHHW	8197001	50.000	Ft
1450	_ Conduit, DB, 2, 2 inch	8197001	50.000	Ft
1460	_ Conduit, Direction Bore, 2, 3 inch, RCOC	8197001	80.000	Ft
1470	_ Decorative Street Light Pole	8197050	1.000	Ea
1480	_ Decorative Street Light Pole, Relocate	8197050	1.000	Ea
1490	_ Hh, Clean	8197050	2.000	Ea
1500	_ Hh, Square, RCOC	8197050	1.000	Ea
1510	_ Light Std Fdn, Modified	8197050	2.000	Ea
1520	_ Luminaire, Decorative LED	8197050	1.000	Ea
1530	Case Sign, Rem	8200020	5.000	Ea
1540	Controller and Cabinet, Rem	8200030	4.000	Ea
1550	Controller and Cabinet, Salv	8200037	1.000	Ea

1560	Controller Fdn, Base Mount	8200045	1.000	Ea
1570	Fdn, Rem	8200065	7.000	Ea
1580	Pedestal, Fdn	8200105	3.000	Ea
1590	Pedestal Fdn, Rem	8200106	4.000	Ea
1600	Pedestal, Rem	8200110	4.000	Ea
1610	Pushbutton, Rem	8200122	2.000	Ea
1620	Push Button Station and Sign	8200128	10.000	Ea
1630	Serv Disconnect	8200135	1.000	Ea
1640	Serv Disconnect, Rem	8200136	3.000	Ea
1650	Span Wire	8200140	2.000	Ea
1660	Span Wire, Rem	8200141	9.000	Ea
1670	Steel Pole, Rem	8200145	7.000	Ea
1680	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1690	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	9.000	Ea
1700	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
1710	TS, Span Wire Mtd, Rem	8200182	16.000	Ea
1720	TS, Three Way Span Wire Mtd, Salv	8200206	3.000	Ea
1730	Pedestrian Signal System, Accessible	8200240	1.000	Ea
1740	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
1750	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
1760	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1770	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1780	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1790	TS, Bag	8200450	2.000	Ea
1800	TS, Bag, Rem	8200451	2.000	Ea
1810	_ Autoscope Camera (Solo Pro), RCOC	8207050	3.000	Ea
1820	_ Bracket Arm, 18 foot, RCOC	8207050	2.000	Ea
1830	_ Bracket Arm, 9 foot, RCOC	8207050	1.000	Ea
1840	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1850	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1860	_ LED Crosswalk Signal, Modified	8207050	2.000	Ea
1870	_ Pedestal, Alum, RCOC	8207050	3.000	Ea
1880	_ Pushbutton Support Post, RCOC, Black	8207050	7.000	Ea
1890	_ Street Name Sign, Two Way, 8 foot, RCOC	8207050	4.000	Ea
1900	_ Emergency Vehicle Flashing System	8207051	1.000	LSUM
1910	Monument Box Adjust	8210005	1.000	Ea
1920	Protect Corners	8210020	1.000	Ea
1930	Gate Box, Adj, Temp, Case 1	8230391	15.000	Ea
1940	_ Irrigation System Repr, Pipe, Modified	8507001	500.000	Ft
1950	_ Landscape Timbers, Treated	8507001	150.000	Ft
1960	_ Bike Loop	8507050	48.000	Ea
1970	_ Irrigation System Repr, Head, Modified	8507050	50.000	Ea

1980	_ Irrigation System Repr, Valve, Modified	8507050	5.000	Ea
1990	_ Irrigation System Extension, Complete	8507051	1.000	LSUM
2000	_ Relocate Statue, Modified	8507051	1.000	LSUM
2010	_ Reimbursed Permit Fees	8507060	10,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 042

Letting Date: April 6, 2018

Contract ID: 73555-130235

Description: 2.48 mi of hot mix asphalt base crushing, shaping and resurfacing, guardrail and permanent signing on Gasper Road from Gary Road north to Fergus Road, Saginaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130235A	1800146	N/A	STL 73555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$108,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	9.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	184.000	Ft
0060	Guardrail, Rem	2040035	313.000	Ft
0070	_ Driveway, Rem	2047011	36.000	Syd
0080	Ditch Cleanout	2050006	48.000	Sta
0090	Embankment, CIP	2050010	487.000	Cyd
0100	_ Subgrade Undercutting, Type II, Modified	2057021	150.000	Cyd
0110	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	_ Aggregate Base, Modified	3027031	2,286.000	Ton
0140	Salv Crushed Material, LM	3050015	100.000	Cyd
0150	_ HMA Base Crushing and Shaping, Modified	3057011	42,057.000	Syd
0160	_ Remixing Millings	3057011	42,057.000	Syd
0170	Trenching	3070200	263.000	Sta
0180	_ Approach, CI II, Modified	3077031	106.000	Ton
0190	_ Shoulder, CI II, Modified	3077031	1,016.000	Ton
0200	Culv End Sect, 12 inch	4010012	2.000	Ea
0210	Culv End Sect, 30 inch	4010030	2.000	Ea
0220	Culv, CI A, CSP, 12 inch	4010199	73.000	Ft
0230	Culv, CI A, CSP, 24 inch	4010202	111.000	Ft
0240	Culv, CI A, CSP, 36 inch	4010204	153.000	Ft
0250	Culv, CI E, 12 inch	4010539	52.000	Ft
0260	Culv, CI E, 30 inch	4010543	50.000	Ft
0270	Sewer, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch, Tr Det B	4021454	196.000	Ft

0280	Dr Structure Cover, Type G	4030040	1.000	Ea
0290	Dr Structure, 60 inch dia	4030220	1.000	Ea
0300	HMA, LVSP	5010703	10,188.000	Ton
0310	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	9.000	Syd
0320	Guardrail, Type B	8070000	213.000	Ft
0330	Guardrail, Curved, Type B	8070010	95.000	Ft
0340	Guardrail Anch, Bridge, Det T6	8070027	4.000	Ea
0350	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0360	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0370	Guardrail Reflector	8070080	10.000	Ea
0380	Post, Mailbox	8070095	24.000	Ea
0390	Post, Steel, 3 lb	8100371	266.000	Ft
0400	Sign, Type III, Rem	8100403	23.000	Ea
0410	Sign, Type IIIA	8100404	53.000	Sft
0420	Sign, Type IIIB	8100405	31.000	Sft
0430	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	25,858.000	Ft
0440	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,198.000	Ft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0510	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	_ Turf Establishment, Performance	8167011	14,560.000	Syd
0560	Monument Box	8210001	4.000	Ea
0570	Monument Preservation	8210010	4.000	Ea
0580	_ Liquid Calcium Chloride	8507022	16,823.000	Gal



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 043

Letting Date: April 6, 2018

Contract ID: 39000-200481

Description: 1.17 mi of hot mix asphalt crushing, shaping and resurfacing, shoulder widening and drainage improvement on 42nd Street from Z Avenue to Y Avenue, Kalamazoo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200481A	1800436	N/A	STL 39000

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	Stump, Rem, 19 inch to 36 inch	2020006	16.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	7.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	82.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Pavt, Rem	2040050	200.000	Syd
0080	Ditch Cleanout	2050006	7.000	Sta
0090	Embankment, CIP	2050010	2,410.000	Cyd
0100	Excavation, Earth	2050016	400.000	Cyd
0110	Machine Grading	2050030	19.000	Sta
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0140	Erosion Control, Silt Fence	2080036	300.000	Ft
0150	_ Erosion Control, Straw Wattle	2087001	4,210.000	Ft
0160	Aggregate Base	3020001	690.000	Ton
0170	Aggregate Base, 10 inch	3020026	5,335.000	Syd
0180	HMA Base Crushing and Shaping	3050002	15,850.000	Syd
0190	Maintenance Gravel	3060020	70.000	Ton
0200	Approach, CI II	3070021	35.000	Ton
0210	Shoulder, CI II, 6 inch	3070128	4,105.000	Syd
0220	Trenching	3070200	61.000	Sta
0230	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0240	Culv End Sect, Conc, 24 inch	4010051	6.000	Ea
0250	Culv, CI E, Conc, 18 inch	4010575	48.000	Ft
0260	Culv, CI E, Conc, 24 inch	4010576	128.000	Ft
0270	Culv, CI F, 24 inch	4010610	25.000	Ft

0280	Culv, CI F, CSP, 12 inch	4010675	132.000	Ft
0290	Culv, CI F, CSP, 15 inch	4010676	25.000	Ft
0300	_ HMA, 13A, Modified	5017031	6,725.000	Ton
0310	Curb and Gutter, Conc, Det B2	8020016	588.000	Ft
0320	Post, Mailbox	8070095	5.000	Ea
0330	Post, Steel, 3 lb	8100371	560.000	Ft
0340	Sign, Type III, Rem	8100403	25.000	Ea
0350	Sign, Type IIIA	8100404	36.000	Sft
0360	Sign, Type IIIB	8100405	72.000	Sft
0370	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,850.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,750.000	Ft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	377.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	377.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	Riprap, Plain	8130010	100.000	Syd
0490	_ Native Seeding, Roadside Mix	8167011	12,900.000	Syd
0500	_ Turf Establishment, Modified	8167011	1,300.000	Syd
0510	Monument Preservation	8210010	4.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 044

Letting Date: April 6, 2018

Contract ID: 52555-119481

Description: 1.50 mi of hot mix asphalt reconstruction, cofferdam, earthwork, drainage and pavement markings on County Road 545 north of the West Branch township line, Marquette County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119481A	1800320	N/A	STL 52555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Backfill, Swamp	2050001	1,150.000	Cyd
0060	Embankment, CIP	2050010	100.000	Cyd
0070	Excavation, Earth	2050016	200.000	Cyd
0080	Excavation, Peat	2050017	1,000.000	Cyd
0090	Machine Grading	2050030	106.000	Sta
0100	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0110	Backfill, Structure, CIP	2060002	200.000	Cyd
0120	Excavation, Fdn	2060010	1,000.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0140	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0150	Subbase, CIP	3010002	100.000	Cyd
0160	Aggregate Base	3020001	1,900.000	Ton
0170	_ Geogrid, Reinforcement	3037011	4,275.000	Syd
0180	Approach, CI II	3070021	35.000	Ton
0190	Shoulder, CI II	3070121	1,170.000	Ton
0200	Culv, CI E, 18 inch	4010541	184.000	Ft
0210	Culv, CI E, 24 inch	4010542	64.000	Ft
0220	Trench Undercut and Backfill	4021260	50.000	Cyd
0230	Video Taping Sewer and Culv Pipe	4021275	248.000	Ft
0240	Underdrain, Fdn, 4 inch	4040031	200.000	Ft
0250	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0260	Culv Bedding, Box Culv	4060005	60.000	Cyd
0270	Culv, Precast Conc Box, 12 foot by 6 foot	4060147	88.000	Ft

0280	HMA Surface, Rem	5010005	200.000	Syd
0290	HMA, 4E3	5010051	395.000	Ton
0300	HMA, 5E3	5010057	2,235.000	Ton
0310	HMA Approach	5010061	8.000	Ton
0320	Cofferdams	7040007	1.000	LSUM
0330	Post, Mailbox	8070095	2.000	Ea
0340	Post, Steel, 2 lb	8100370	60.000	Ft
0350	Sign, Type IIIB	8100405	17.000	Sft
0360	Recessing Pavt Mrkg, Longit	8110450	10,187.000	Ft
0370	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, Yellow	8110514	10,187.000	Ft
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	190.000	Ft
0420	Plastic Drum, High Intensity, Furn	8120250	160.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	160.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Riprap, Heavy	8130005	50.000	Syd
0480	Riprap, Plain	8130011	150.000	Ton
0490	Fertilizer, Chemical Nutrient, CI B	8160021	30.000	Lb
0500	Mulch	8160025	500.000	Syd
0510	Mulch Blanket, High Velocity	8160028	500.000	Syd
0520	Seeding, Mixture THV	8160040	55.000	Lb
0530	Topsoil Surface, Furn, 3 inch	8160061	1,000.000	Syd
0540	Monument Box Adjust	8210005	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180406 045

Letting Date: April 6, 2018

Contract ID: 07555-103601

Description: 0.38 mi of hot mix asphalt reconstruction, shoulder work, ditch cleanout, slope restoration, signing and pavement markings on Mead Road west of US-41, Baraga County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
103601A	1707005	N/A	EDD 07555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,900.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0030	Curb and Gutter, Rem	2040020	141.000	Ft
0040	Embankment, CIP	2050010	50.000	Cyd
0050	Excavation, Earth	2050016	4,090.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0070	Erosion Control, Silt Fence	2080036	500.000	Ft
0080	Subbase, CIP	3010002	2,450.000	Cyd
0090	_ Subbase, CIP, Modified	3017021	225.000	Cyd
0100	Aggregate Base 2 inch	3020001	980.000	Ton
0110	Aggregate Base, 8 inch	3020020	1,066.000	Syd
0120	_ Aggregate Base, 8 inch, Modified	3027011	6,800.000	Syd
0130	_ HMA Base Crushing and Shaping, Modified	3057011	4,470.000	Syd
0140	Approach, CI I	3070001	143.000	Ton
0150	Approach, CI II	3070021	33.000	Ton
0160	Shoulder, CI II	3070121	106.000	Ton
0170	_ High Performance Biaxial Geogrid	3087011	5,601.000	Syd
0180	Culv End Sect, 24 inch	4010024	2.000	Ea
0190	Culv, CI A, 24 inch	4010134	128.000	Ft
0200	Culv, CI E, 12 inch	4010539	55.000	Ft
0210	Culv, CI F, 12 inch	4010607	30.000	Ft
0220	Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch	4010901	50.000	Ft
0230	Dr Structure Cover, Type G	4030040	1.000	Ea
0240	Dr Structure, 24 inch dia	4030200	1.000	Ea
0250	HMA Surface, Rem	5010005	750.000	Syd
0260	HMA, 4E3	5010051	1,384.000	Ton
0270	HMA, 5E3	5010057	586.000	Ton
0280	HMA Approach	5010061	105.000	Ton

0290	Curb and Gutter, Conc, Det B2	8020016	308.000	Ft
0300	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0310	Spillway, Conc	8020075	20.000	Ft
0320	Delineator Reflector, White	8100134	4.000	Ea
0330	Post, Rigid, Delineator	8100361	4.000	Ea
0340	Post, Steel, 3 lb	8100371	14.000	Ft
0350	Post, Wood, 4 inch by 6 inch	8100380	14.000	Ft
0360	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0370	Sign, Type III, Rem	8100403	6.000	Ea
0380	Sign, Type IIIA	8100404	7.000	Sft
0390	Sign, Type IIIB	8100405	7.000	Sft
0400	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,090.000	Ft
0410	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	403.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0430	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0440	Recessing Pavt Mrkg, Longit	8110450	4,493.000	Ft
0450	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	400.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0510	PTS System, Temp, Furn	8120270	1.000	Ea
0520	PTS System, Temp, Oper	8120271	1.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Riprap, Plain	8130010	60.000	Syd
0570	_ Slope Restoration, Modified	8167011	4,081.000	Syd
0580	Contractor Staking	8240001	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180406 046

Letting Date: April 6, 2018

Contract ID: 77000-202474

Description: 4.80 mi of single-course microsurfacing and rutfilling and pavement markings on Wildcat Road from north of Norman Road north to Fisher Road, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202474A	1800281	N/A	STL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,200.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Micro-Surface, Rutfilling	5040005	154.000	Ton
0040	Micro-Surface, Single Cse	5040010	81,134.000	Syd
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,561.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	51,371.000	Ft
0100	Rem Spec Mrkg	8110343	338.000	Sft
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign Cover	8120310	5.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0170	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: 180406 047

Letting Date: April 6, 2018

Contract ID: 09000-129773

Description: 0.30 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk and ramps on Auburn Road from Jaycee Drive to Midland Road in the city of Auburn, Bay County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129773A	1800357	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	374.000	Ft
0030	Sidewalk, Rem	2040055	259.000	Syd
0040	Embankment, CIP	2050010	23.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0070	Maintenance Gravel	3060020	100.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0090	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0100	HMA Surface, Rem	5010005	88.000	Syd
0110	Hand Patching	5010025	61.000	Ton
0120	HMA Approach	5010061	165.000	Ton
0130	HMA, LVSP	5010703	1,431.000	Ton
0140	_ Cold Milling HMA Surface, Modified	5017011	6,370.000	Syd
0150	Curb and Gutter, Conc, Det C4	8020023	222.000	Ft
0160	Detectable Warning Surface	8030010	114.000	Ft
0170	Curb Ramp Opening, Conc	8030030	167.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	1,835.000	Sft
0190	_ Sidewalk, Conc, _ inch, Decorative	8037010	345.000	Sft
0200	Post, Mailbox	8070095	16.000	Ea
0210	Band, Sign	8100010	2.000	Ea
0220	Post, Steel, 3 lb	8100371	283.000	Ft
0230	Sign, Type II, Rem	8100397	2.000	Ea
0240	Sign, Type IIA	8100398	15.000	Sft
0250	Sign, Type III, Rem	8100403	40.000	Ea
0260	Sign, Type IIIA	8100404	38.000	Sft
0270	Sign, Type IIIB	8100405	69.000	Sft

0280	_ Sign, Type IIIA, Modified	8107010	38.000	Sft
0290	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	495.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	110.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	90.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,283.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	90.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,283.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	8.000	Ft
0420	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	248.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	248.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	112.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	112.000	Ea
0470	Sign Cover	8120310	6.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	152.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	152.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	_ Pedestrian Type II Barricade, Temp	8127050	14.000	Ea
0540	_ Slope Restoration, Modified	8167011	500.000	Syd
0550	Water Shutoff, Adj, Temp, Case 1	8230381	2.000	Ea
0560	Water Shutoff, Adj, Temp, Case 2	8230382	2.000	Ea
0570	Gate Box, Adj, Case 1	8230431	10.000	Ea
0580	Gate Box, Adj, Case 2	8230432	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180406 048

Letting Date: April 6, 2018

Contract ID: 77000-202208

Description: 3.35 mi of single course chip sealing, fog sealing and pavement markings on Downey Road/Bryce Road from west of Capac Road east to Miller Road, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202208A	1800268	N/A	STL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,600.00	1500001	1.000	LSUM
0020	Seal, Single Chip	5050001	59,642.000	Syd
0030	_ Seal, Fog	5057011	61,427.000	Syd
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	62.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	468.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,071.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	31,793.000	Ft
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	355.000	Ea
0140	Sign Cover	8120310	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	366.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	366.000	Sft
0170	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: 180406 049

Letting Date: April 6, 2018

Contract ID: 73000-130964

Description: 0.02 mi of hot mix asphalt surface removal and surfacing, concrete curb and gutter and pavement markings on M-47 at Garfield Road, Saginaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130964A	1800333	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$8,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,055.000	Syd
0030	Embankment, CIP	2050010	100.000	Cyd
0040	Excavation, Earth	2050016	200.000	Cyd
0050	Machine Grading	2050030	1.000	Sta
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	_ Aggregate Base, Modified	3027031	465.000	Ton
0080	Shoulder, CI II, 4 inch	3070126	35.000	Syd
0090	HMA Surface, Rem	5010005	1,001.000	Syd
0100	HMA, 2C	5010030	204.000	Ton
0110	HMA, 4C	5010032	90.000	Ton
0120	Curb and Gutter, Conc, Det B2	8020016	210.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	37.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	190.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0250	Sign Cover	8120310	3.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft

0280	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0300	_ Turf Establishment, Performance	8167011	550.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180406 050

Letting Date: April 6, 2018

Contract ID: 82000-200024

Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair and sidewalk ramps, drainage, signing and pavement markings on Outer Drive West from Allen Road to Toledo Road in the cities of Melvindale and Lincoln Park, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200024A	1800367	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$141,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	54.000	Ft
0030	Sidewalk, Rem	2040055	294.000	Syd
0040	_ Misc Pavt, Rem, Patching	2047011	2,922.000	Syd
0050	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0060	Excavation, Earth	2050016	79.000	Cyd
0070	_ Embankment, CIP, Modified	2057021	72.000	Cyd
0080	_ Misc Subgrade Undercutting, Type IV	2057021	150.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0110	Project Cleanup	2090001	1.000	LSUM
0120	_ Aggregate Base, 6 inch, Modified	3027011	56.000	Syd
0130	_ Aggregate Base, 9 inch, Modified	3027011	172.000	Syd
0140	Dr Structure, Cleaning	4030290	4.000	Ea
0150	Dr Structure, Temp Lowering	4030390	20.000	Ea
0160	_ Misc Structure Reconstruct	4037001	20.000	Ft
0170	_ Misc San Structure Cover, Adj, Furn Cover	4037050	8.000	Ea
0180	_ Misc Structure Cover, Adj	4037050	51.000	Ea
0190	_ Misc Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0210	Pavt, Cleaning	5010001	1.000	LSUM
0220	Cold Milling HMA Surface	5010002	38,416.000	Syd
0230	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0240	Hand Patching	5010025	181.000	Ton
0250	HMA, 4E10	5010052	4,584.000	Ton
0260	HMA, 5E3	5010057	16.000	Ton
0270	HMA, 5E10	5010058	3,330.000	Ton

0280	HMA Approach	5010061	60.000	Ton
0290	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0300	_ Misc Conditioning Existing Pavement	5017031	724.000	Ton
0310	Joint, Contraction, Cp	6020200	1,169.000	Ft
0320	Joint, Expansion, E2	6020207	175.000	Ft
0330	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0340	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	2,922.000	Syd
0350	_ Misc Conc Curb Cap	8027001	250.000	Ft
0360	_ Misc Conc Curb Cap, Patching	8027001	1,182.000	Ft
0370	Detectable Warning Surface	8030010	129.000	Ft
0380	Curb Ramp Opening, Conc	8030030	68.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	2,186.000	Sft
0400	_ Misc Field Office	8097043	2.000	Mo
0410	_ Misc Sign, Type B, Perm	8107010	742.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	260.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	100.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	86.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,250.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,800.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,900.000	Ft
0550	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	500.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,900.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	600.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	600.000	Ea
0600	Sign Cover	8120310	12.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,394.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,394.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	46.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	46.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Topsoil Surface, Furn, 2 inch	8160060	4,187.000	Syd
0670	Water, Sodding/Seeding	8160090	90.000	Unit
0680	_ Sodding, Modified	8167011	4,187.000	Syd
0690	Monument Box Adjust	8210005	1.000	Ea

0700	Monument Preservation	8210010	1.000	Ea
0710	Monument Preservation, Vertical	8210015	1.000	Ea
0720	Water Shutoff, Adj, Case 1	8230421	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 180406 051

Letting Date: April 6, 2018

Contract ID: 63000-202237

Description: 0.59 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement repairs on North Main Street from 11 Mile Road to Gardenia Avenue in the city of Royal Oak, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202237A	1800417	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	15.000	Ft
0040	Curb and Gutter, Rem	2040020	1,000.000	Ft
0050	Sidewalk, Rem	2040055	642.000	Syd
0060	Track, Rem	2040065	290.000	Ft
0070	_ Pavt, Rem, Modified	2047011	1,225.000	Syd
0080	_ Erosion Control, Silt Sack, Modified	2087050	36.000	Ea
0090	Aggregate Base	3020001	236.000	Ton
0100	_ Aggregate Surface, Temp	3067031	500.000	Ton
0110	_ Sewer, 8 inch to 12 inch Catch Basin Lead, Tr Det E	4027001	15.000	Ft
0120	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0130	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0140	Dr Structure, 24 inch dia	4030200	1.000	Ea
0150	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0160	Dr Structure, Temp Lowering	4030390	32.000	Ea
0170	_ Dr Structure Cover, Modified	4037050	48.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	Cold Milling HMA Surface	5010002	20,470.000	Syd
0200	Edge Trimming	5010009	4,342.000	Ft
0210	Joint and Crack, Cleanout	5010015	1,000.000	Ft
0220	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0230	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0240	Hand Patching	5010025	200.000	Ton
0250	HMA, 4E3	5010051	2,900.000	Ton
0260	HMA, 5E3	5010057	2,320.000	Ton
0270	_ Geosynthetic Paving Fabric	5017011	20,470.000	Syd

0280	_ HMA for Patching, Temp	5017031	50.000	Ton
0290	_ Conc Base Cse, Nonreinf, 9 inch, Modified	6027011	638.000	Syd
0300	_ Conc Pavt with Integral Curb, Nonreinf, 7 inch, Modified	6027011	60.000	Syd
0310	Lane Tie, Epoxy Anchored	6030030	630.000	Ea
0320	_ Curb and Gutter, Conc, Det B3, Modified	8027001	232.000	Ft
0330	_ Curb and Gutter, Conc, Det F3 or F4, Modified	8027001	368.000	Ft
0340	Curb Ramp Opening, Conc	8030030	643.000	Ft
0350	_ Detectable Warning Surface, Modified	8037001	250.000	Ft
0360	_ Brick or Block Pavers, Remove	8037010	50.000	Sft
0370	_ Brick or Block Pavers, Salv and Install	8037010	110.000	Sft
0380	_ Sidewalk Ramp, Conc, 7 inch, Modified	8037010	5,980.000	Sft
0390	_ Sidewalk, Conc, 4 inch, Modified	8037010	277.000	Sft
0400	_ Sidewalk, Conc, 7 inch, Modified	8037010	150.000	Sft
0410	Fence, Protective	8080007	100.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	10.000	Ea
0480	Pavt Mrkg, Thermopl, 4 inch, White	8110195	4,065.000	Ft
0490	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	5,894.000	Ft
0500	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	259.000	Ft
0510	_ Pavt Mrkg, Thermopl, 24 inch, Crosswalk	8117001	1,039.000	Ft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg Cover, Type R, Black	8120200	1,910.000	Ft
0580	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	50.000	Ft
0590	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	47.000	Ft
0600	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	811.000	Ft
0610	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	217.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,037.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,676.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,602.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,236.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	243.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	243.000	Ea

0680	Sign Cover	8120310	4.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	1,239.000	Sft
0700	Sign, Type B, Temp, Prismatic, Oper	8120351	1,239.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	643.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	643.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	TS, Temp, Furn	8120400	4.000	Ea
0750	TS, Temp, Oper	8120401	4.000	Ea
0760	_ Pedestrian Type II Barricade, Temp	8127050	35.000	Ea
0770	_ Plywood Sheets for Temp Walkway	8127050	20.000	Ea
0780	Mulch	8160025	55.000	Syd
0790	Mulch Blanket	8160027	170.000	Syd
0800	Seeding, Mixture TUF	8160042	6.000	Lb
0810	Topsoil Surface, Furn, LM	8160071	19.000	Cyd
0820	Water, Sodding/Seeding	8160090	9.000	Unit
0830	Hh, Adj	8190244	2.000	Ea
0840	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
0850	Water Shutoff, Reconst, Case 1	8230401	2.000	Ea
0860	Gate Box, Reconst, Case 1	8230411	2.000	Ea
0870	Gate Box, Adj, Case 1	8230431	8.000	Ea
0880	_ Gate Well Cover, Adj, Case 1	8237050	12.000	Ea
0890	_ Gate Well Cover, Adj, Temp, Case 1	8237050	12.000	Ea
0900	Contractor Staking, Road Only	8240007	1.000	LSUM
0910	Staking Plan Errors and Extras, One Person	8240020	16.000	Hr
0920	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0930	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



3/16/2018 8:56 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 052

Letting Date: April 6, 2018

Contract ID: 03000-129328

Description: Bridge railing upgrades, bituminous surface replacement, joint replacement, deck waterproofing and approach work on several structures at multiple locations, Allegan County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129328A	1800430	N/A	BO 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$76,400.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	26.000	Sta
0030	Guardrail, Rem	2040035	200.000	Ft
0040	Embankment, CIP	2050010	423.000	Cyd
0050	Excavation, Earth	2050016	622.000	Cyd
0060	Aggregate Surface Cse	3060006	125.000	Ton
0070	Shoulder, CI II	3070121	165.000	Ton
0080	HMA, LVSP	5010703	1,715.000	Ton
0090	_ HMA Surface, Rem, Modified	5017011	4,931.000	Syd
0100	Guardrail, Type B	8070000	263.000	Ft
0110	Guardrail, Curved, Type B	8070010	50.000	Ft
0120	Guardrail Approach Terminal, Type 2B	8070042	20.000	Ea
0130	Guardrail Reflector	8070080	42.000	Ea
0140	_ Guardrail Anchorage - Bridge, Nested Type	8077050	20.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	42.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	42.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	740.000	Ft
0190	Plastic Drum, High Intensity, Lighted, Furn	8120260	70.000	Ea
0200	Plastic Drum, High Intensity, Lighted, Oper	8120261	70.000	Ea
0210	Sign, Portable, Changeable Message, Furn	8120330	14.000	Ea
0220	Sign, Portable, Changeable Message, Oper	8120331	14.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	2,052.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	2,052.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	477.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	477.000	Sft

0270	Slope Restoration, Type C	8160102	1,525.000	Syd
0280	Monument Preservation	8210010	1.000	Ea

Section: 2

0290	_ Bridge Railing, Rem	2047001	893.000	Ft
0300	_ Relocate Anchor Bolts	2047050	256.000	Ea
0310	Conc, Grade D	7060010	4.000	Cyd
0320	Expansion Joint Device	7060050	64.000	Ft
0330	False Decking	7060060	5,521.000	Sft
0340	Reinforcement, Steel, Epoxy Coated	7060092	256.000	Lb
0350	Membrane, Preformed Waterproofing	7100008	15,910.000	Sft
0360	Conc Surface Coating	7100011	216.000	Syd
0370	_ Bridge Railing - Guardrail Type	7117001	873.000	Ft
0380	Deck Joint, Rem	7120071	64.000	Ft
0390	_ Deck Joint, Replace	7127001	98.000	Ft
0400	_ Grout Repair	7127001	140.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 180406 053

Letting Date: April 6, 2018

Contract ID: 82000-200043

Description: 0.71 mi of hot mix asphalt reclamation and resurfacing, concrete box culvert, driveway, sidewalk and ramps, signing and pavement markings on Van Horn Road from Inkster Road to Arsenal Road, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200043A	1800354	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$146,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.350	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0060	Curb and Gutter, Rem	2040020	197.000	Ft
0070	Pavt, Rem	2040050	220.000	Syd
0080	Sidewalk, Rem	2040055	156.000	Syd
0090	Structures, Rem	2040060	1.000	LSUM
0100	Exploratory Investigation, Vertical	2040080	100.000	Ft
0110	_ Misc Culvert Cleanout	2047001	2,800.000	Ft
0120	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0130	Excavation, Channel	2050015	100.000	Cyd
0140	Excavation, Earth	2050016	640.000	Cyd
0150	_ Ditch Cleanout, Modified	2057002	17.000	Sta
0160	_ Embankment, CIP, Modified	2057021	170.000	Cyd
0170	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0180	_ Subgrade Undercutting, Type I, Modified	2057021	100.000	Cyd
0190	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0200	Excavation, Fdn	2060010	980.000	Cyd
0210	_ Misc Aggregate Backfill, CIP	2067021	585.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0230	Erosion Control, Filter Bag	2080014	2.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0260	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0270	Erosion Control, Silt Fence	2080036	5,713.000	Ft

0280	_ Misc Erosion Control, Stone Filter at Structure	2087050	45.000	Ea
0290	Project Cleanup	2090001	1.000	LSUM
0300	Aggregate Base, LM	3020002	23.000	Cyd
0310	_ Aggregate Base, 6 inch, Modified	3027011	249.000	Syd
0320	_ Aggregate Base, 9 inch, Modified	3027011	783.000	Syd
0330	_ Misc Maintenance Aggregate, 21AA	3027031	50.000	Ton
0340	_ Shoulder, CI I, 3 inch, Modified	3077011	1,630.000	Syd
0350	_ Shoulder, CI I, 5 inch, Modified	3077011	1,332.000	Syd
0360	Geotextile, Stabilization	3080010	783.000	Syd
0370	Culv End Sect, 12 inch	4010012	20.000	Ea
0380	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0390	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0400	Culv, CI A, Conc, 12 inch	4010165	60.000	Ft
0410	Culv, CI A, Conc, 18 inch	4010167	34.000	Ft
0420	Culv, CI E, 12 inch	4010539	200.000	Ft
0430	Outfall Label	4011115	2.000	Ea
0440	Trench Undercut and Backfill	4021260	20.000	Cyd
0450	Dr Structure, Cleaning	4030290	16.000	Ea
0460	_ Misc Structure Reconstruct	4037001	5.000	Ft
0470	_ Misc Mh A, 48 inch dia, Cover C	4037050	3.000	Ea
0480	_ Misc San Structure Cover, Adj	4037050	1.000	Ea
0490	_ Misc Structure Cover, Adj	4037050	5.000	Ea
0500	_ Misc Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0510	_ Misc Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0520	Underdrain, Fdn, 6 inch	4040033	245.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	64.000	Ft
0540	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0550	_ Misc Underdrain Trench Lining	4047001	400.000	Ft
0560	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	400.000	Ft
0570	Culv Bedding, Box Culv	4060005	110.000	Cyd
0580	_ Culv, Precast Conc Box, 18 foot by 5.5 foot	4067001	115.000	Ft
0590	HMA Surface, Rem	5010005	806.000	Syd
0600	Pavt for Butt Joints, Rem	5010008	218.000	Syd
0610	HMA, 3E3	5010045	109.000	Ton
0620	HMA, 4E3	5010051	1,406.000	Ton
0630	HMA, 5E3	5010057	1,276.000	Ton
0640	HMA Approach	5010061	144.000	Ton
0650	_ Cold Milling HMA Surface, Modified	5017011	2,029.000	Syd
0660	_ Misc Full-Depth Reclamation, Base, 14 inch	5017011	11,582.000	Syd
0670	Joint, Contraction, Cp	6020200	210.000	Ft
0680	_ Misc Conc Pavt, Misc, Nonreinf, 10 inch	6027011	334.000	Syd
0690	Cement	6030005	274.000	Ton
0700	Lane Tie, Epoxy Anchored	6030030	68.000	Ea
0710	Reinforcement, Steel, Epoxy Coated	7060092	2,194.000	Lb
0720	Substructure Conc	7060100	33.000	Cyd

0730	Water Repellent Treatment, Penetrating	7060140	85.000	Syd
0740	Membrane, Preformed Waterproofing	7100008	2,910.000	Sft
0750	Driveway, Nonreinf Conc, 6 inch	8010005	249.000	Syd
0760	_ Misc Conc Curb Cap, Patching	8027001	50.000	Ft
0770	Detectable Warning Surface	8030010	101.000	Ft
0780	Curb Ramp Opening, Conc	8030030	147.000	Ft
0790	Sidewalk Ramp, Conc, 6 inch	8030036	694.000	Sft
0800	Sidewalk, Conc, 4 inch	8030044	727.000	Sft
0810	Post, Mailbox	8070095	18.000	Ea
0820	_ Misc Field Office	8097043	5.000	Mo
0830	_ Misc Sign, Type B, Perm	8107010	204.000	Sft
0840	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	16.000	Ft
0850	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,310.000	Ft
0860	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,430.000	Ft
0870	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	400.000	Ft
0880	Rem Spec Mrkg	8110343	32.000	Sft
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0900	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0910	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0920	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	300.000	Ft
0950	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0960	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0970	Sign Cover	8120310	4.000	Ea
0980	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0990	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	130.000	Sft
1030	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	130.000	Sft
1040	Traf Regulator Control	8120370	1.000	LSUM
1050	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
1060	_ Riprap, Heavy, Modified	8137011	140.000	Syd
1070	Topsoil Surface, Furn, 2 inch	8160060	6,800.000	Syd
1080	Water, Sodding/Seeding	8160090	367.000	Unit
1090	_ Sodding, Modified	8167011	6,800.000	Syd
1100	Monument Box Adjust	8210005	1.000	Ea
1110	_ Misc Supplemental Virgin Aggregates, LM	8507021	100.000	Cyd
1120	_ Misc Emulsified Asphalt	8507022	43,433.000	Gal
1130	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 054

Letting Date: April 6, 2018

Contract ID: 37000-129293

Description: Bridge removal and replacement and approach work on Meridian Road over north branch of the Chippewa River, Isabella County. This is a local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129293A	1800395	N/A	BRT 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$91,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	9.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	12.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Pavt, Rem	2040050	8.000	Syd
0070	Embankment, CIP	2050010	650.000	Cyd
0080	Excavation, Earth	2050016	2,300.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	Erosion Control, Silt Fence	2080036	1,556.000	Ft
0110	Subbase, CIP	3010002	1,400.000	Cyd
0120	Aggregate Base	3020001	750.000	Ton
0130	Aggregate Base, 8 inch	3020020	3,100.000	Syd
0140	_ Shoulder, CI II, 3 1/2 inch	3077011	400.000	Syd
0150	Culv End Sect, 12 inch	4010012	6.000	Ea
0160	Culv End Sect, 15 inch	4010015	2.000	Ea
0170	Culv End Sect, 24 inch	4010024	2.000	Ea
0180	Culv, CI F, 12 inch	4010607	84.000	Ft
0190	Culv, CI F, 15 inch	4010608	42.000	Ft
0200	Culv, CI F, 24 inch	4010610	55.000	Ft
0210	Underdrain, Subbase, 6 inch	4040063	850.000	Ft
0220	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0230	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0240	HMA Surface, Rem	5010005	2,000.000	Syd
0250	HMA, LVSP	5010703	448.000	Ton
0260	Driveway, Reinf Conc, 6 inch	8010001	25.000	Syd
0270	Curb and Gutter, Bridge Approach	8020010	81.000	Ft
0280	Curb and Gutter, Conc, Det B2	8020016	588.000	Ft

0290	Downspout Header, Conc	8020070	6.000	Ea
0300	Guardrail, Type B	8070000	113.000	Ft
0310	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0320	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0330	Guardrail Reflector	8070080	22.000	Ea
0340	Post, Mailbox	8070095	5.000	Ea
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,640.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,640.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0410	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	358.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	358.000	Sft
0440	Ditch, Plain Cobble	8140005	60.000	Syd
0450	_ Slope Restoration, Modified	8167011	2,000.000	Syd

Section: 2

0460	Structures, Rem	2040060	1.000	LSUM
0470	Backfill, Structure, CIP	2060002	815.000	Cyd
0480	Excavation, Fdn	2060010	1,650.000	Cyd
0490	Erosion Control, Filter Bag	2080014	2.000	Ea
0500	_ Turbidity Curtain, Modified	2087001	150.000	Ft
0510	Underdrain, Fdn, 4 inch	4040031	45.000	Ft
0520	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0530	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0540	Joint, Expansion, E3	6020208	33.000	Ft
0550	Cofferdams	7040007	1.000	LSUM
0560	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0570	Pile, Steel, Furn and Driven, 12 inch	7050030	1,770.000	Ft
0580	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0590	Pile, Steel, Splice	7050050	55.000	Ea
0600	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0610	Bridge Ltg, Oper and Maintain	7060002	109.000	Cyd
0620	Conc, Grade T	7060013	126.000	Cyd
0630	False Decking	7060060	1,302.000	Sft
0640	Reinforcement, Steel, Epoxy Coated	7060092	51,964.000	Lb
0650	Substructure Conc	7060100	276.000	Cyd
0660	Superstructure Conc	7060110	37.000	Cyd
0670	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0680	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0690	Superstructure Conc, Night Casting	7060113	109.000	Cyd

0700	_ Structure Name Plate	7067050	1.000	Ea
0710	Bearing, Elastomeric, 1 1/2 inch	7070014	912.000	Sin
0720	Bearing, Elastomeric, 2 inch	7070016	912.000	Sin
0730	Prest Conc I Beam, Furn, 45 inch	7080029	351.000	Ft
0740	Prest Conc I Beam, Erect, 45 inch	7080030	351.000	Ft
0750	Joint Waterproofing	7100001	73.000	Sft
0760	Joint Waterproofing, Expansion	7100003	277.000	Sft
0770	Conc Surface Coating (SN 4375)	7100010	1.000	LSUM
0780	Bridge Railing, 2 Tube	7110008	98.000	Ft
0790	Riprap, Heavy	8130005	500.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 180406 055

Letting Date: April 6, 2018

Contract ID: 25000-130678

Description: 0.40 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, concrete curb, gutter, sidewalk and ramps, drainage and pedestrian signals on Center Road from Lippincott Boulevard to Lapeer Road in the city of Burton, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130678A	1800437	N/A	NH 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$86,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	63.000	Ft
0040	Curb and Gutter, Rem	2040020	552.000	Ft
0050	Guardrail, Rem	2040035	1,540.000	Ft
0060	Sidewalk, Rem	2040055	93.000	Syd
0070	Excavation, Earth	2050016	1,940.000	Cyd
0080	Granular Material, CI II	2050023	59.000	Cyd
0090	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0110	_ Aggregate Base, Modified	3027031	2,145.000	Ton
0120	_ Maintenance Gravel, LM, Modified	3067021	100.000	Cyd
0130	Geotextile, Separator	3080005	3,900.000	Syd
0140	Sewer, CI E, 12 inch, Tr Det B	4020600	63.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0160	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Dr Structure Cover, Type D	4030025	1.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0190	Dr Structure, 48 inch dia	4030210	1.000	Ea
0200	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0210	Cold Milling HMA Surface	5010002	15,950.000	Syd
0220	HMA Surface, Rem	5010005	3,705.000	Syd
0230	Hand Patching	5010025	105.000	Ton
0240	HMA, 4E10	5010052	2,040.000	Ton
0250	HMA, 5E10	5010058	1,530.000	Ton
0260	HMA Approach	5010061	77.000	Ton
0270	_ Pavt Joint and Crack Repr, Det 8, Modified	5017001	2,125.000	Ft

0280	_ HMA Repair	5017011	3,527.000	Syd
0290	_ Conc Base Cse, Nonreinf, 5 1/2 inch	6027011	75.000	Syd
0300	Curb and Gutter, Conc, Det C3	8020022	129.000	Ft
0310	Curb and Gutter, Conc, Det C4	8020023	177.000	Ft
0320	Driveway Opening, Conc, Det M	8020050	159.000	Ft
0330	Detectable Warning Surface	8030010	17.000	Ft
0340	Curb Ramp Opening, Conc	8030030	56.000	Ft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	463.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	3,943.000	Sft
0370	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0380	Sign, Type II, Rem	8100397	2.000	Ea
0390	Sign, Type IIA	8100398	40.000	Sft
0400	Sign, Type III, Rem	8100403	22.000	Ea
0410	Sign, Type IIIA	8100404	70.000	Sft
0420	Sign, Type IIIB	8100405	47.000	Sft
0430	_ Post, Steel, 3 lb, Modified	8107001	235.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	823.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	257.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,492.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,923.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,492.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,923.000	Ft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,060.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	580.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Pedestrian Type II Barricade, Temp	8127050	7.000	Ea
0670	_ Turf Establishment, Performance	8167051	1.000	LSUM
0680	Pushbutton and Sign	8200121	2.000	Ea
0690	Wireless Vehicle Sensor Node, Rem	8200426	2.000	Ea

0700	Wireless Vehicle Sensor Node, Salv	8200427	2.000	Ea
0710	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180406 056

Letting Date: April 6, 2018

Contract ID: 52000-129353

Description: Bridge removal and replacement and approach work on County Road 557 over Big West River, Marquette County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129353A	N/A	N/A	MCS 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Guardrail, Rem	2040035	780.000	Ft
0040	Embankment, CIP	2050010	1,200.000	Cyd
0050	Excavation, Earth	2050016	2,400.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,555.000	Ft
0070	Subbase, CIP	3010002	1,075.000	Cyd
0080	Aggregate Base, 6 inch	3020016	800.000	Syd
0090	Aggregate Base, 8 inch	3020020	3,050.000	Syd
0100	Maintenance Gravel, LM	3060021	150.000	Cyd
0110	Approach, CI II, 6 inch	3070028	275.000	Syd
0120	Shoulder, CI II, 4 inch	3070126	450.000	Syd
0130	Geotextile, Separator	3080005	720.000	Syd
0140	Culv End Sect, Metal, 12 inch	4010094	8.000	Ea
0150	Culv, CI F, 12 inch	4010607	119.000	Ft
0160	HMA Surface, Rem	5010005	2,050.000	Syd
0170	HMA, 4E3	5010051	360.000	Ton
0180	HMA, 5E3	5010057	275.000	Ton
0190	Conc Pavt, Bridge Approach, Reinf	6020600	110.000	Syd
0200	Curb and Gutter, Bridge Approach	8020010	24.000	Ft
0210	Guardrail, Type B	8070000	527.000	Ft
0220	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0230	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0240	Guardrail Reflector	8070080	45.000	Ea
0250	Delineator Reflector, White	8100134	18.000	Ea
0260	Post, Flexible, Delineator	8100360	9.000	Ea
0270	Post, Steel, 3 lb	8100371	126.000	Ft
0280	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0290	Sign, Type III, Rem	8100403	10.000	Ea
0300	Sign, Type IIIB	8100405	32.000	Sft
0310	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,050.000	Ft
0320	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	920.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0350	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	320.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,050.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	175.000	Ft
0410	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0430	PTS System, Temp, Furn	8120270	1.000	Ea
0440	PTS System, Temp, Oper	8120271	1.000	Ea
0450	Sign Cover	8120310	2.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	170.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	170.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Riprap, Plain	8130010	20.000	Syd
0500	Slope Restoration, Type B	8160101	175.000	Syd
0510	Slope Restoration, Type C	8160102	1,350.000	Syd
0520	Monument Preservation	8210010	2.000	Ea

Section: 2

0530	Asbestos Materials, Rem and Disposal	2040001	1.000	Dlr
0540	Structures, Rem	2040060	1.000	LSUM
0550	Backfill, Structure, CIP	2060002	1,425.000	Cyd
0560	Excavation, Fdn	2060010	1,275.000	Cyd
0570	Excavation, Rock Fdn	2060011	250.000	Cyd
0580	Underdrain, Fdn, 4 inch	4040031	130.000	Ft
0590	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0600	Cofferdams	7040007	1.000	LSUM
0610	Reinforcement, Steel	7060090	20,000.000	Lb
0620	Reinforcement, Steel, Epoxy Coated	7060092	56,394.000	Lb
0630	Substructure Conc	7060100	180.000	Cyd
0640	Superstructure Conc	7060110	125.000	Cyd
0650	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0660	Bearing, Elastomeric, 1/2 inch	7070010	12.000	Sin
0670	Prest Conc I Beam, Furn, 45 inch	7080029	426.000	Ft
0680	Prest Conc I Beam, Erect, 45 inch	7080030	426.000	Ft

0690	Joint Waterproofing	7100001	225.000	Sft
0700	Bridge Railing, 2 Tube	7110008	150.000	Ft
0710	Structures, Temp	7140001	1.000	LSUM
0720	Structures, Temp, Rem	7140002	1.000	LSUM
0730	Riprap, Heavy	8130005	150.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180406 057

Letting Date: April 6, 2018

Contract ID: 12023-126666

Description: Bridge removal and replacement with 21-inch prestressed concrete box beams, concrete curb, gutter, drainage, steel piling, cofferdams and approach work on Lindley Road over Little Swan Creek, Branch County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126666A	1800476	N/A	BO 12023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Guardrail, Rem	2040035	107.000	Ft
0040	Embankment, CIP	2050010	190.000	Cyd
0050	Excavation, Earth	2050016	700.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0070	Erosion Control, Silt Fence	2080036	584.000	Ft
0080	Subbase, CIP	3010002	460.000	Cyd
0090	Aggregate Base	3020001	160.000	Ton
0100	Aggregate Base, 8 inch	3020020	1,170.000	Syd
0110	Shoulder, CI II, 3 inch	3070125	190.000	Syd
0120	HMA, LVSP	5010703	128.000	Ton
0130	Curb and Gutter, Bridge Approach	8020010	94.000	Ft
0140	Guardrail, Type B	8070000	50.000	Ft
0150	Guardrail, Curved, Type T	8070011	19.000	Ft
0160	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0170	Guardrail Anch, Bridge, Det T2	8070023	3.000	Ea
0180	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0190	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0200	Guardrail Reflector	8070080	24.000	Ea
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	269.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	269.000	Sft

0270	Ditch, Plain Cobble	8140005	14.000	Syd
0280	_ Slope Restoration, Modified	8167011	450.000	Syd

Section: 2

0290	Structures, Rem	2040060	1.000	LSUM
0300	Backfill, Structure, CIP	2060002	380.000	Cyd
0310	Excavation, Fdn	2060010	800.000	Cyd
0320	Erosion Control, Filter Bag	2080014	2.000	Ea
0330	_ Turbidity Curtain, Modified	2087001	220.000	Ft
0340	Underdrain, Fdn, 4 inch	4040031	47.000	Ft
0350	Underdrain Outlet, 4 inch	4040091	16.000	Ft
0360	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0370	Joint, Expansion, E3	6020208	32.000	Ft
0380	Cofferdams	7040007	1.000	LSUM
0390	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0400	Pile, Steel, Furn and Driven, 12 inch	7050030	1,518.000	Ft
0410	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0420	Pile, Steel, Splice	7050050	28.000	Ea
0430	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0440	Bridge Ltg, Oper and Maintain	7060002	55.000	Cyd
0450	Conc, Grade T	7060013	75.000	Cyd
0460	False Decking	7060060	817.000	Sft
0470	Reinforcement, Steel, Epoxy Coated	7060092	26,115.000	Lb
0480	Substructure Conc	7060100	161.000	Cyd
0490	Superstructure Conc	7060110	7.000	Cyd
0500	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0510	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0520	Superstructure Conc, Night Casting	7060113	55.000	Cyd
0530	Bearing, Elastomeric, 1 inch	7070012	2,585.000	Sin
0540	Bearing, Elastomeric, 1 1/4 inch	7070013	2,585.000	Sin
0550	Prest Conc Deck, 21 inch	7080003	1,805.000	Sft
0560	Post Tensioning	7080015	1.000	LSUM
0570	Joint Waterproofing	7100001	169.000	Sft
0580	Joint Waterproofing, Expansion	7100003	96.000	Sft
0590	Conc Surface Coating (SN 1169)	7100010	1.000	LSUM
0600	Bridge Barrier Railing, Type 4	7110001	116.000	Ft
0610	Riprap, Heavy	8130005	260.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 058

Letting Date: April 6, 2018

Contract ID: 19000-202214

Description: 1.04 mi of hot mix asphalt shoulder widening and resurfacing, aggregate shoulders and pavement markings on East Colony Road from Scott Road east to Williams Road, Clinton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202214A	1800324	N/A	STL 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	400.000	Ton
0030	Trenching	3070200	110.000	Sta
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Pavt for Butt Joints, Rem	5010008	140.000	Syd
0060	HMA, 13A	5010033	3,125.000	Ton
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,930.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,380.000	Ft
0090	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0100	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0160	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: 180406 059

Letting Date: April 6, 2018

Contract ID: 41000-130733

Description: 0.15 mi of hot mix asphalt cold milling, resurfacing and widening, concrete curb, gutter and sidewalk ramp and pavement markings on Spaulding Avenue SE from south of Cascade Road to Cascade Road, Kent County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130733A	1800442	N/A	CM 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	101.000	Ft
0030	Sidewalk, Rem	2040055	17.000	Syd
0040	Exploratory Investigation, Vertical	2040080	20.000	Ft
0050	Embankment, CIP	2050010	5.000	Cyd
0060	Excavation, Earth	2050016	610.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0080	_ Roadway Grading	2057011	1,890.000	Syd
0090	Erosion Control, Filter Bag	2080014	3.000	Ea
0100	Erosion Control, Silt Fence	2080036	350.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Subbase, CIP	3010002	490.000	Cyd
0130	_ Aggregate Base, Modified	3017021	164.000	Cyd
0140	_ Aggregate Base, LM, Modified	3027031	20.000	Ton
0150	Approach, CI I, CIP	3070002	1.000	Cyd
0160	_ Sewer, CL A, Perforated SLCPP w/Sock, 15 inch, Tr Det B, Modified	4027001	40.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0180	Dr Structure Cover, Type B	4030010	1.000	Ea
0190	Dr Structure, 72 inch dia	4030230	1.000	Ea
0200	Dr Structure, Temp Lowering	4030390	2.000	Ea
0210	_ Manhole Channel Protection	4037050	2.000	Ea
0220	_ Underdrain, Subbase, 6 inch, Modified	4047001	350.000	Ft
0230	Cold Milling HMA Surface	5010002	3,590.000	Syd
0240	HMA Surface, Rem	5010005	26.000	Syd
0250	HMA, 2C	5010030	544.000	Ton
0260	HMA, 5E3	5010057	402.000	Ton
0270	HMA Approach	5010061	2.000	Ton

0280	_ HMA Spillway	5017001	10.000	Ft
0290	Curb and Gutter, Conc, Det B2	8020016	69.000	Ft
0300	Curb and Gutter, Conc, Det F4	8020038	295.000	Ft
0310	_ Driveway Opening, Conc, Det M, Modified	8027001	101.000	Ft
0320	Detectable Warning Surface	8030010	14.000	Ft
0330	Curb Ramp Opening, Conc	8030030	15.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	155.000	Sft
0350	Post, Mailbox	8070095	1.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	231.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	53.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	389.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,740.000	Ft
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0440	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0450	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0460	Lighted Arrow, Type A, Furn	8120120	1.000	Ea
0470	Lighted Arrow, Type A, Oper	8120121	1.000	Ea
0480	Ltg for Night Work	8120160	1.000	LSUM
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0510	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,500.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	500.000	Ft
0540	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	469.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	469.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Driveway Maintenance	8127050	4.000	Ea
0600	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0610	Mulch Blanket	8160027	400.000	Syd
0620	Topsoil Surface, Furn, 4 inch	8160062	400.000	Syd
0630	_ Roadside Seeding	8167011	400.000	Syd
0640	Monument Box	8210001	1.000	Ea
0650	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180406 060

Letting Date: April 6, 2018

Contract ID: 34067-126592-2

Description: Construction of a timber covered bridge on existing abutments on Whites Bridge Road over Flat River, Ionia County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126592A	1634012	N/A	BHO 34067

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0030	Minor Traf Devices	8120170	1.000	LSUM
0040	Plastic Drum, High Intensity, Furn	8120250	16.000	Ea
0050	Plastic Drum, High Intensity, Oper	8120251	16.000	Ea
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	82.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	82.000	Sft

Section: 2

0080	Mobilization, Max \$69,100.00	1500001	1.000	LSUM
0090	Erosion Control, Silt Fence	2080036	100.000	Ft
0100	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0110	_ False Decking, Modified	7067051	1.000	LSUM
0120	Bearing, Elastomeric, 1 inch	7070012	3,744.000	Sin
0130	_ Structural Steel, Mixed, Erect, Modified	7077030	21,675.000	Lb
0140	_ Structural Steel, Mixed, Furn and Fab, Modified	7077030	21,675.000	Lb
0150	_ Timber Covered Superstructure (SN 4039)	7097051	1.000	LSUM
0160	Field Repair of Damaged Coating	7160001	1.000	LSUM
0170	_ Riprap, Plain, Modified	8137021	32.000	Cyd
0180	_ Fire Retardant	8507051	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 061

Letting Date: April 6, 2018

Contract ID: 02021-113745

Description: 16.22 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders, pavement markings, carpool parking lot reconstruction, concrete curb and gutter and earthwork on M-94 from US-41 to the village of Chatham, from M-28 in Shingleton to the Alger/Schoolcraft county line and from Indian River to Deer Street, and at M-94 and M-67 in the city of Manistique and village of Chatham, Alger, Marquette, and Schoolcraft Counties. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113745A	1800551	N/A	ST 02021
130019A	N/A	N/A	M 02021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$214,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Guardrail, Rem	2040035	150.000	Ft
0040	Embankment, LM	2050011	95.000	Cyd
0050	Excavation, Earth	2050016	445.000	Cyd
0060	_ Berm Grading	2057002	6.000	Sta
0070	Erosion Control, Check Dam, Stone	2080012	28.000	Ft
0080	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0090	Erosion Control, Sediment Trap	2080034	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	100.000	Ft
0110	Subbase, LM	3010003	265.000	Cyd
0120	Aggregate Base, 6 inch	3020016	2,845.000	Syd
0130	Approach, CI II	3070021	41.000	Ton
0140	Shoulder, CI II	3070121	6,727.000	Ton
0150	Culv, CI F, 18 inch	4010609	112.000	Ft
0160	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	4.000	Ea
0170	Dr Structure Cover, Adj, Case 1, Modified	4030004	22.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	Cold Milling HMA Surface	5010002	44,421.000	Syd
0200	Bump Grinding	5010004	400.000	Syd
0210	HMA Surface, Rem	5010005	495.000	Syd
0220	HMA Quality Initiative	5010007	23,790.000	Dlr
0230	Pavt for Butt Joints, Rem	5010008	4,991.000	Syd
0240	Longitudinal Joint Density Quality Initiative	5010018	33,923.000	Dlr

0250	HMA, 5E1	5010056	25,393.000	Ton
0260	HMA Approach	5010061	470.000	Ton
0270	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0280	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0290	Driveway, Reinf Conc, 6 inch	8010001	22.000	Syd
0300	Curb and Gutter, Conc, Det B2	8020016	357.000	Ft
0310	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0320	Guardrail Reflector	8070080	19.000	Ea
0330	Guardrail Height, Adj	8070100	50.000	Ft
0340	Guardrail, Reconst, Type B	8070105	319.000	Ft
0350	Post, Steel, 3 lb	8100371	110.000	Ft
0360	Sign, Type II, Rem	8100397	1.000	Ea
0370	Sign, Type IIIA	8100404	51.000	Sft
0380	Sign, Type IIIB	8100405	21.000	Sft
0390	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0400	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	44.000	Ft
0410	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	37,771.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	162,704.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	37,771.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	162,704.000	Ft
0460	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,590.000	Ft
0470	Rem Spec Mrkg	8110343	700.000	Sft
0480	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0490	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0500	Pavt Mrkg, Thermopl, Rumble Strip	8110470	637.000	Ft
0510	Protective Ovly, Snowmobile Trail Crossing	8110550	188.000	Syd
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	977.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,816.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	370.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	370.000	Ea
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	22.000	Ft
0620	Sign Cover	8120310	15.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	2,484.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	2,484.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	132.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	132.000	Sft

0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Fertilizer, Chemical Nutrient, CI A	8160020	30.000	Lb
0690	Mulch	8160025	432.000	Syd
0700	Mulch Anchoring	8160026	432.000	Syd
0710	Mulch Blanket	8160027	108.000	Syd
0720	Mulch Blanket, High Velocity	8160028	108.000	Syd
0730	Seeding, Mixture THV	8160040	29.000	Lb
0740	Slope Restoration, Type A	8160100	1,910.000	Syd
0750	Monument Box Adjust	8210005	29.000	Ea
0760	Protect Corners	8210020	29.000	Ea
0770	Centerline Corrugations, Milled, HMA	8220013	79,937.000	Ft
0780	Contractor Staking, Road Only	8240007	1.000	LSUM
0790	Staking Plan Errors and Extras, One Person	8240020	27.000	Hr
0800	Staking Plan Errors and Extras, Two Person	8240021	11.000	Hr
0810	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr
0820	_ Railroad Protection, at Grade Crossing	8507060	10,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 180406 062

Letting Date: April 6, 2018

Contract ID: 82081-132139

Description: 2.31 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, concrete curb, gutter, sidewalk, ramps and driveway, drainage, pedestrian signals and pavement markings on M-153 from Lotz Road to Wayne Road in the city of Westland, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132139A	1800532	N/A	NH 82081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$212,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	2,472.000	Ft
0030	Gutter, Rem	2040040	1,900.000	Ft
0040	Sidewalk, Rem	2040055	1,201.000	Syd
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0060	Embankment, CIP	2050010	15.000	Cyd
0070	Excavation, Earth	2050016	355.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	110.000	Ea
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0110	Subbase, CIP	3010002	219.000	Cyd
0120	Aggregate Base, 6 inch	3020016	591.000	Syd
0130	Dr Structure Cover, Adj, Case 1, Modified	4030004	70.000	Ea
0140	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea
0150	Dr Structure Lead, Cleaning, 12 inch	4030112	1,850.000	Ft
0160	Dr Structure Lead, Cleaning, 15 inch	4030115	105.000	Ft
0170	Dr Structure Lead, Cleaning, 18 inch	4030118	65.000	Ft
0180	Dr Structure Lead, Cleaning, 24 inch	4030124	260.000	Ft
0190	Dr Structure Lead, Cleaning, 36 inch	4030136	190.000	Ft
0200	Dr Structure Lead, Cleaning, 48 inch	4030148	65.000	Ft
0210	Dr Structure, Adj, Add Depth	4030280	68.000	Ft
0220	Dr Structure, Cleaning	4030290	109.000	Ea
0230	Cold Milling HMA Surface	5010002	89,100.000	Syd
0240	Bump Grinding	5010004	325.000	Syd
0250	HMA Surface, Rem	5010005	990.000	Syd
0260	HMA Quality Initiative	5010007	17,200.000	Dlr

0270	Longitudinal Joint Density Quality Initiative	5010018	5,000.000	Dlr
0280	Pavt Joint and Crack Repr, Det 7	5010020	17,000.000	Ft
0290	Hand Patching	5010025	875.000	Ton
0300	HMA Approach	5010061	1,325.000	Ton
0310	HMA, 5E3, High Stress	5010515	6,400.000	Ton
0320	Joint, Contraction, Cp	6020200	200.000	Ft
0330	Cement	6030005	7.000	Ton
0340	Cold Milling Conc Pavt	6030014	5.000	Syd
0350	Joint, Contraction, Crg	6030020	680.000	Ft
0360	Joint, Expansion, Erg	6030021	60.000	Ft
0370	Joint, Expansion, Esc	6030022	5.000	Ft
0380	Lane Tie, Epoxy Anchored	6030030	350.000	Ea
0390	Non-Chloride Accelerator	6030035	310.000	Gal
0400	Pavt Repr, Rem	6030080	380.000	Syd
0410	Saw Cut, Intermediate	6030090	240.000	Ft
0420	_ Pavt Repr, Nonreinf, Conc, 14 1/2 inch	6037011	380.000	Syd
0430	Curb, Conc, Det E1	8020001	33.000	Ft
0440	Curb and Gutter, Conc, Det C6	8020025	1,714.000	Ft
0450	Driveway Opening, Conc, Det M	8020050	200.000	Ft
0460	Valley Gutter, Conc	8020060	1,900.000	Ft
0470	Detectable Warning Surface	8030010	707.000	Ft
0480	Curb Ramp Opening, Conc	8030030	752.000	Ft
0490	Sidewalk Ramp, Conc, 4 inch	8030034	4,099.000	Sft
0500	Sidewalk Ramp, Conc, 6 inch	8030036	5,844.000	Sft
0510	Sidewalk, Conc, 4 inch	8030044	200.000	Sft
0520	_ Brick Paver, Install Salv	8037010	4,032.000	Sft
0530	_ Sidewalk, Brickwork, Rem	8037010	3,962.000	Sft
0540	_ Sidewalk, Conc, 6 inch, Decorative	8037010	680.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	16.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0590	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,900.000	Ft
0600	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	800.000	Ft
0610	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	9,300.000	Ft
0620	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	27,000.000	Ft
0630	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,600.000	Ft
0640	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0650	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0660	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0670	Channelizing Device, 42 inch, Furn	8120030	600.000	Ea
0680	Channelizing Device, 42 inch, Oper	8120031	600.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	6.000	Ea

0710	Ltg for Night Work	8120160	1.000	LSUM
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0750	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0760	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0770	Sign Cover	8120310	20.000	Ea
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	_ Pedestrian Type II Channelizer, Temp	8127001	100.000	Ft
0820	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0830	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0840	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0850	Slope Restoration, Type A	8160100	670.000	Syd
0860	Conduit, DB, 1, 1 1/2 inch	8190027	127.000	Ft
0870	Pedestal, Fdn	8200105	7.000	Ea
0880	Pushbutton and Sign	8200121	7.000	Ea
0890	Pushbutton, Rem	8200122	7.000	Ea
0900	Pushbutton Pedestal, Alum	8200123	7.000	Ea
0910	TS, Bag	8200450	60.000	Ea
0920	TS, Bag, Rem	8200451	60.000	Ea
0930	_ Pedestal Painting	8207050	7.000	Ea
0940	Monument Box Adjust	8210005	2.000	Ea
0950	Gate Box, Adj, Case 1	8230431	5.000	Ea
0960	_ Water Main Conflict, 12 inch	8237050	1.000	Ea
0970	_ Water Main Conflict, 8 inch	8237050	1.000	Ea
0980	Contractor Staking, Road Only	8240007	1.000	LSUM
0990	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr
1000	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1010	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 063

Letting Date: April 6, 2018

Contract ID: 47014-132597

Description: 0.66 mi of hot mix asphalt cold milling and resurfacing, pavement, concrete barrier and glare screen repairs on US-23 from Crouse Road to Clyde Road, Livingston County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132597A	1800546	N/A	NH 47014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,800.00	1500001	1.000	LSUM
0020	Concrete Barrier, Rem	2040010	450.000	Ft
0030	Glare Screen, Rem	2040030	485.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Cold Milling HMA Surface	5010002	22,278.000	Syd
0070	HMA Quality Initiative	5010007	5,338.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	6,981.000	Dlr
0090	Pavt Joint and Crack Repr, Det 7	5010020	4,400.000	Ft
0100	Pavt Joint and Crack Repr, Det 8	5010021	4,100.000	Ft
0110	Hand Patching	5010025	813.000	Ton
0120	HMA, 5E10	5010058	1,856.000	Ton
0130	Cement	6030005	4.000	Ton
0140	Cold Milling Conc Pavt	6030014	214.000	Syd
0150	Joint, Contraction, Crg	6030020	960.000	Ft
0160	Lane Tie, Epoxy Anchored	6030030	160.000	Ea
0170	Non-Chloride Accelerator	6030035	166.000	Gal
0180	Pavt Repr, Rem	6030080	214.000	Syd
0190	Saw Cut, Intermediate	6030090	200.000	Ft
0200	_ Pavt Repr, Nonreinf Conc, 14 inch	6037011	214.000	Syd
0210	Conc Barrier, Single Face, Type C	8040003	35.000	Ft
0220	Conc Barrier, Double Face, Type A	8040005	415.000	Ft
0230	Glare Screen, Conc	8040015	485.000	Ft
0240	_ Delineator, Rem, Salv, and Reinstall	8107050	15.000	Ea
0250	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0260	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	1,746.000	Ft
0270	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch,	8110491	7,679.000	Ft

	White			
0280	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	7,679.000	Ft
0290	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0300	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Ltg for Night Work	8120160	1.000	LSUM
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Mobile Attenuator	8120180	1.000	Ea
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	8,726.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,981.000	Ft
0380	Sign Cover	8120310	1.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	668.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	668.000	Sft
0410	_ Temp Rumble Strips (Orange)	8127001	1,296.000	Ft
0420	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0430	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0440	Shoulder Corrugations, Ground or Cut, HMA	8220001	13,961.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180406 064

Letting Date: April 6, 2018

Contract ID: 68041-131763

Description: 55.32 Lnmi of hot mix asphalt crack treatment on M-32, M-33, M-55, M-72, US-23, and I-75BL, Alpena, Montmorency, Ogemaw, and Oscoda Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131763A	1800545	N/A	ST 68041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,200.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	127.450	Lnmi
0030	_ Traffic Control	8127051	1.000	LSUM
0040	_ Railroad Protection, at Grade Crossing	8507060	1,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 065

Letting Date: April 6, 2018

Contract ID: 06111-201117

Description: 44.51 Lnmi of hot mix asphalt crack treatment on various routes, Arenac, Clare, Gratiot and Saginaw Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201117A	1800549	N/A	ST 06111

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	Pavt, Cleaning	5010001	1.000	LSUM
0030	Overband Crack Fill, Lane	5020003	43.210	Lnmi
0040	Overband Crack Fill, Ramp	5020004	1.490	Lnmi
0050	HMA Crack Treatment, Lane, Warranty	5020027	56.900	Lnmi
0060	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0070	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0130	Sign Cover	8120310	10.000	Ea
0140	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0150	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0190	Plastic Drum, Damage	8129000	20.000	Ea
0200	Channelizing Device, 42 inch, Damage	8129001	20.000	Ea
0210	_ Railroad Protection, at Grade Crossing	8507060	1,000.000	Dlr



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 066

Letting Date: April 6, 2018

Contract ID: 39000-131596

Description: 78.40 Lnmi of hot mix asphalt crack treatment on various routes, Calhoun and St. Joseph Counties.
This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131596A	1800555	N/A	ST 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,100.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	78.400	Lnmi
0030	Channelizing Device, 42 inch, Furn	8120030	810.000	Ea
0040	Channelizing Device, 42 inch, Oper	8120031	810.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign Cover	8120310	10.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	1,344.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	1,344.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM
0120	_ Railroad Protection, at Grade Crossing	8127060	2,000.000	Dlr
0130	TS, Bag	8200450	12.000	Ea
0140	TS, Bag, Rem	8200451	12.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 067

Letting Date: April 6, 2018

Contract ID: 58034-132604

Description: 3.85 mi of concrete pavement repairs, underdrain cleanout and pavement markings on US-23 from School Road to Ida Center Road, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132604A	1800533	N/A	NH 58034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,900.00	1500001	1.000	LSUM
0020	_ Underdrain Outlet Cleanout	4047050	300.000	Ea
0030	Joint, Contraction, Cp	6020200	1,482.000	Ft
0040	Cement	6030005	47.000	Ton
0050	Joint, Contraction, Crg	6030020	5,040.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	2,240.000	Ea
0070	Non-Chloride Accelerator	6030035	498.000	Gal
0080	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,987.000	Syd
0090	Pavt Repr, Rem	6030080	2,987.000	Syd
0100	Saw Cut, Intermediate	6030090	5,244.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	600.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,800.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0170	Ltg for Night Work	8120160	1.000	LSUM
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Mobile Attenuator	8120180	1.000	Ea
0200	Plastic Drum, High Intensity, Furn	8120250	800.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	800.000	Ea
0220	Sign Cover	8120310	10.000	Ea
0230	Sign Cover, Type 1	8120320	2.000	Ea
0240	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0250	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	1,260.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	1,260.000	Sft
0280	_ Temp Rumble Strips (Orange)	8127001	1,350.000	Ft

0290	_ Sign, Portable, Changeable Message, NTCIP Complaint, Furn	8127050	3.000	Ea
0300	_ Sign, Portable, Changeable Message, NTCIP Complaint, Oper	8127050	3.000	Ea



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 068

Letting Date: April 6, 2018

Contract ID: 34000-129306

Description: Bridge removal and replacement with a precast, concrete three-sided culvert and approach work on Hastings Road over Duck Creek, Ionia County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129306A	1800464	N/A	BRT 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	11.000	Sta
0030	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0040	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0070	Guardrail, Rem	2040035	479.000	Ft
0080	Embankment, CIP	2050010	545.000	Cyd
0090	Excavation, Earth	2050016	2,711.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,915.000	Ft
0120	Subbase, CIP	3010002	2,088.000	Cyd
0130	Aggregate Base	3020001	1,755.000	Ton
0140	Aggregate Surface Cse	3060006	102.000	Ton
0150	Approach, CI II	3070021	27.000	Ton
0160	Shoulder, CI II	3070121	189.000	Ton
0170	Culv End Sect, 12 inch	4010012	2.000	Ea
0180	Culv End Sect, Grate	4010083	60.000	Lb
0190	Culv, CI F, 12 inch	4010607	55.000	Ft
0200	Sewer, CI A, 12 inch, Tr Det B	4020033	240.000	Ft
0210	Sewer, CI E, 12 inch, Tr Det B	4020600	135.000	Ft
0220	Video Taping Sewer and Culv Pipe	4021275	375.000	Ft
0230	Dr Structure Cover, Type V	4030085	3.000	Ea
0240	Dr Structure, 48 inch dia	4030210	3.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	924.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	70.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0280	HMA Surface, Rem	5010005	1,737.000	Syd

0290	HMA, 3C	5010031	446.000	Ton
0300	HMA, 4C	5010032	316.000	Ton
0310	HMA Approach	5010061	4.000	Ton
0320	_ HMA Spillway	5017011	3.000	Syd
0330	Guardrail, Type B	8070000	225.000	Ft
0340	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0350	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0360	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0370	Guardrail Reflector	8070080	14.000	Ea
0380	Post, Mailbox	8070095	3.000	Ea
0390	Sign, Type III, Rem	8100403	7.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,400.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,400.000	Ft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, High Intensity, Lighted, Furn	8120260	6.000	Ea
0460	Plastic Drum, High Intensity, Lighted, Oper	8120261	6.000	Ea
0470	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	240.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	240.000	Sft
0530	Riprap, Plain	8130010	12.000	Syd
0540	Slope Restoration, Type C	8160102	1,587.000	Syd

Section: 2

0550	Structures, Rem	2040060	1.000	LSUM
0560	Backfill, Structure, CIP	2060002	816.000	Cyd
0570	Excavation, Fdn	2060010	1,548.000	Cyd
0580	Erosion Control, Filter Bag	2080014	4.000	Ea
0590	Erosion Control, Turbidity Curtain, Shallow	2080044	163.000	Ft
0600	Underdrain, Fdn, 6 inch	4040033	427.000	Ft
0610	Culv, Precast Three-Sided or Arch, 36 foot by 11 foot	4060243	51.000	Ft
0620	Steel Sheet Piling, Permanent	7040001	4,920.000	Sft
0630	Cofferdams	7040007	1.000	LSUM
0640	Cofferdams, Left in Place	7040009	1.000	LSUM
0650	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0660	Pile, Steel, Furn and Driven, 14 inch	7050034	1,349.000	Ft
0670	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0680	Pile, Steel, Splice	7050050	4.000	Ea
0690	Conc, Grade D	7060010	13.000	Cyd

0700	Conc, Grade T	7060013	148.000	Cyd
0710	False Decking	7060060	1,943.000	Sft
0720	Reinforcement, Steel, Epoxy Coated	7060092	22,029.000	Lb
0730	Substructure Conc	7060100	184.000	Cyd
0740	Structural Steel, Rolled Shape, Erect	7070070	338.000	Lb
0750	Structural Steel, Rolled Shape, Furn and Fab	7070071	338.000	Lb
0760	Conc Surface Coating (SN 4037)	7100010	1.000	LSUM
0770	Bridge Railing, 2 Tube	7110008	70.000	Ft
0780	Bolt, Adhesive Anchored, 3/4 inch	7120042	11.000	Ea
0790	Riprap, Plain	8130011	148.000	Ton
0800	_ Riprap, Heavy, Modified	8137031	133.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 180406 069

Letting Date: April 6, 2018

Contract ID: 81000-201823

Description: 0.45 mi of sidewalk, ADA ramps and restoration along various routes in the city of Ann Arbor, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201823A	1800450	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Recording	1027051	1.000	LSUM
0020	_ Project Supervision	1047051	1.000	LSUM
0030	Mobilization, Max \$35,600.00	1500001	1.000	LSUM
0040	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	8.000	Ft
0080	Pavt, Rem	2040050	550.000	Syd
0090	_ Curb and Gutter, Rem, Modified	2047001	1,100.000	Ft
0100	_ Curb, Rem, Modified	2047001	25.000	Ft
0110	_ Sidewalk, Rem, Modified	2047010	200.000	Sft
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	_ Sidewalk Grading	2057002	27.000	Sta
0140	_ Sidewalk Ramp Grading	2057050	7.000	Ea
0150	Erosion Control, Silt Fence	2080036	900.000	Ft
0160	_ Erosion Control, Inlet Filter	2087050	14.000	Ea
0170	Project Cleanup	2090001	1.000	LSUM
0180	_ Subbase, CIP, Class II Granular Material, Modified	3017021	225.000	Cyd
0190	_ Aggregate Base, 8 inch, 21-AA, Modified	3027011	350.000	Syd
0200	Maintenance Gravel, LM	3060021	20.000	Cyd
0210	Sewer, CI IV, 12 inch, Tr Det B	4020987	8.000	Ft
0220	Dr Structure Cover, Type K	4030050	1.000	Ea
0230	Dr Structure, 24 inch dia	4030200	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	1.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	1,050.000	Ft
0260	Hand Patching	5010025	20.000	Ton
0270	_ Curb and Gutter, Conc, Det F4, Special	8027001	750.000	Ft
0280	_ Driveway Opening, Conc, Detail M, P-NC	8027001	300.000	Ft

0290	_ Spill Out Curb and Gutter, Conc, Modified	8027001	125.000	Ft
0300	_ Integral Sidewalk Retaining Wall, 6 inch to 18 inch	8027010	70.000	Sft
0310	_ Concrete Drive Approach, Non-Reinforced, P-NC, 8 inch	8037010	350.000	Sft
0320	_ Detectable Warning Tiles	8037010	105.000	Sft
0330	_ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified	8037010	400.000	Sft
0340	_ Sidewalk, Concrete, 4 inch, Special	8037010	14,500.000	Sft
0350	_ Sidewalk, Concrete, 8 inch, Special	8037010	950.000	Sft
0360	Fence, Protective	8080007	500.000	Ft
0370	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	60.000	Ft
0380	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	205.000	Ft
0390	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	52.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,200.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,200.000	Ft
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0440	Channelizing Device, 42 inch, Furn	8120030	44.000	Ea
0450	Channelizing Device, 42 inch, Oper	8120031	44.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Part Width Intersection Construction	8120190	4.000	Ea
0480	Pavt Mrkg Cover, Type R, Black	8120200	1,300.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,800.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,050.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	267.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	267.000	Ea
0530	Sign Cover	8120310	1.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	380.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	380.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	15.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	15.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Pedestrian Type II Barricade, Temp	8127050	3.000	Ea
0600	Celtis occidentalis, 1 3/4 inch	8150779	3.000	Ea
0610	Fertilizer, Chemical Nutrient, CI A	8160020	160.000	Lb
0620	Mulch	8160025	3,500.000	Syd
0630	Mulch Anchoring	8160026	3,500.000	Syd
0640	Seeding, Mixture THM	8160039	155.000	Lb
0650	Topsoil Surface, Furn, 4 inch	8160062	3,500.000	Syd
0660	Hydrant, Relocate, Case 1	8230095	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180406 070

Letting Date: April 6, 2018

Contract ID: 81000-201737

Description: 0.67 mi of hot mix asphalt pavement, concrete drive, curb, gutter, sidewalk and ramps, watermain, storm sewer, aggregate base and pavement markings on Pauline Boulevard from West Stadium Boulevard to South Seventh Street, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201737A	1800451	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$254,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	26.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	348.000	Ft
0040	Exploratory Investigation, Vertical	2040080	160.000	Ft
0050	_ Curb and Gutter, Rem, Modified	2047001	3,810.000	Ft
0060	_ Driveway Approach, Rem, Modified	2047010	3,420.000	Sft
0070	_ Sidewalk, Rem, Modified	2047010	211.000	Sft
0080	_ Audio-Visual Recording	2047051	1.000	LSUM
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	_ Machine Grading, Modified	2057011	16,568.000	Syd
0110	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0120	_ Erosion Control, Inlet Filter	2087050	26.000	Ea
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	600.000	Cyd
0150	_ Aggregate Base, 21AA, Modified	3027021	4,050.000	Cyd
0160	Maintenance Gravel, LM	3060021	100.000	Cyd
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	288.000	Ft
0180	Dr Structure, 24 inch dia	4030200	23.000	Ea
0190	Dr Structure, 48 inch dia	4030210	4.000	Ea
0200	_ Additional Depth Structure Adjust/Repair	4037001	50.000	Ft
0210	_ Adjust Structure Cover	4037050	26.000	Ea
0220	_ Dr Structure Cover, Type B, Special	4037050	1.000	Ea
0230	_ Dr Structure Cover, Type K, Special	4037050	27.000	Ea
0240	_ Reconstruct Structure	4037050	3.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	5,584.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	108.000	Ft
0270	Pavt, Cleaning	5010001	1.000	LSUM

0280	HMA, LVSP	5010703	4,500.000	Ton
0290	_ Temporary Pavement	5017011	100.000	Syd
0300	_ Curb and Gutter, Conc, Det F4, Special	8027001	3,960.000	Ft
0310	_ Driveway Opening, Conc, Detail M, P-NC	8027001	472.000	Ft
0320	Curb Ramp Opening, Conc	8030030	100.000	Ft
0330	_ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch	8037010	3,420.000	Sft
0340	_ Detectable Warning Tiles	8037010	130.000	Sft
0350	_ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified	8037010	360.000	Sft
0360	_ Sidewalk, Concrete, 4 inch, Special	8037010	1,190.000	Sft
0370	_ Sidewalk, Concrete, 6 inch, Special	8037010	350.000	Sft
0380	Fence, Protective	8080007	1,000.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	850.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	15.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	3.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,300.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,750.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	13,700.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,600.000	Ft
0500	Rem Spec Mrkg	8110343	420.000	Sft
0510	Recessing Pavt Mrkg, Longit	8110450	19,300.000	Ft
0520	Recessing Pavt Mrkg, Transv	8110451	1,090.000	Sft
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	27.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	27.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,235.000	Ft
0570	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	560.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,000.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,000.000	Ft
0600	Plastic Drum, High Intensity, Furn	8120250	290.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	945.000	Ea
0620	Sign Cover	8120310	6.000	Ea
0630	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0640	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	927.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	927.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	372.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	372.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM

0700	_ Pesdestrian Path, Temp	8127001	50.000	Ft
0710	_ Pedestrian Ramp, Temp	8127050	2.000	Ea
0720	_ Pedestrian Type II Barricade, Temp	8127050	3.000	Ea
0730	Fertilizer, Chemical Nutrient, CI A	8160020	203.000	Lb
0740	Mulch	8160025	3,900.000	Syd
0750	Mulch Anchoring	8160026	3,900.000	Syd
0760	Seeding, Mixture THM	8160039	196.000	Lb
0770	Topsoil Surface, Furn, 4 inch	8160062	3,900.000	Syd
0780	Fire Hydrant	8230040	4.000	Ea
0790	_ 12 inch Water Main, Abandon	8237001	77.000	Ft
0800	_ 12 inch Water Main, Rem	8237001	40.000	Ft
0810	_ 6 inch Water Main, Abandon	8237001	3,732.000	Ft
0820	_ 6 inch Water Main, Rem	8237001	200.000	Ft
0830	_ 8 inch Water Main, Abandon	8237001	127.000	Ft
0840	_ 8 inch Water Main, Rem	8237001	80.000	Ft
0850	_ Excavate & Backfill for Water Service Tap and Lead	8237001	1,282.000	Ft
0860	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 12 inch, Tr Det I, Mod	8237001	3,568.000	Ft
0870	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 6 inch, Tr Det I, Mod	8237001	154.000	Ft
0880	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 8 inch, Tr Det I, Mod	8237001	210.000	Ft
0890	_ 12 inch Gate Valve-in-Box, Rem	8237050	1.000	Ea
0900	_ 12 inch Gate Valve-in-Well, Rem	8237050	1.000	Ea
0910	_ 45 deg Bend, 12 inch	8237050	40.000	Ea
0920	_ 45 deg Bend, 6 inch	8237050	8.000	Ea
0930	_ 45 deg Bend, 8 inch	8237050	28.000	Ea
0940	_ 6 inch Gate Valve-in-Box, Rem	8237050	4.000	Ea
0950	_ 6 inch Gate Valve-in-Well, Rem	8237050	8.000	Ea
0960	_ 8 inch Gate Valve-in-Well, Rem	8237050	3.000	Ea
0970	_ Cross, 12 inch x 12 inch x 8 inch x 8 inch	8237050	1.000	Ea
0980	_ Fire Hydrant, Rem	8237050	3.000	Ea
0990	_ Gate Valve-in-Well, 12 inch	8237050	8.000	Ea
1000	_ Gate Valve-in-Well, 6 inch	8237050	4.000	Ea
1010	_ Gate Valve-in-Well, 8 inch	8237050	4.000	Ea
1020	_ Line Stop, Ductile Iron Pipe, 12 inch	8237050	2.000	Ea
1030	_ Line Stop, Ductile Iron Pipe, 6 inch	8237050	4.000	Ea
1040	_ Line Stop, Ductile Iron Pipe, 8 inch	8237050	4.000	Ea
1050	_ Reducer, 12 inch x 6 inch	8237050	1.000	Ea
1060	_ Reducer, 8 inch x 6 inch	8237050	7.000	Ea
1070	_ Tee, 12 inch x 12 inch x 12 inch	8237050	3.000	Ea
1080	_ Tee, 6 inch x 6 inch x 6 inch	8237050	1.000	Ea
1090	_ Tee, 8 inch x 8 inch x 6 inch	8237050	1.000	Ea
1100	_ Tee, 12 inch x 12 inch x 8 inch	8237050	9.000	Ea
1110	_ Project Supervision	8247051	1.000	LSUM



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 071

Letting Date: April 6, 2018

Contract ID: 67000-200573

Description: 10.35 mi of hot mix asphalt shared-use path, culvert repair, drainage and safety improvements and permanent signing on Fred Meijer White Pine Trail State Park from south of 5 Mile Road to McKinley Road, Osceola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200573A	1800572	N/A	TAL 67000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$191,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Fence, Rem	2040025	320.000	Ft
0050	Exploratory Investigation, Vertical	2040080	100.000	Ft
0060	Ditch Cleanout	2050006	306.000	Sta
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	96.000	Ft
0100	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	8.000	Ea
0130	Erosion Control, Silt Fence	2080036	558.000	Ft
0140	Subbase, CIP	3010002	1,930.000	Cyd
0150	Culv End Sect, 24 inch	4010024	2.000	Ea
0160	Culv End Sect, 36 inch	4010036	4.000	Ea
0170	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0180	Culv, CI A, 24 inch	4010134	30.000	Ft
0190	Culv, CI A, 36 inch	4010136	60.000	Ft
0200	Culv, CI A, 48 inch	4010138	30.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	1,200.000	Sft
0220	_ Detectable Warning Surface, Cast Iron	8037001	180.000	Ft
0230	Shared use Path, Aggregate	8060010	16,000.000	Ton
0240	Shared use Path, HMA	8060040	5,109.000	Ton
0250	_ Shared Use Path, Grading, Special	8067001	53,031.000	Ft
0260	_ Shared Use Path, HMA Snowmobile Wearing Cse-Special	8067031	5,109.000	Ton

0270	Post, Steel, 3 lb	8100371	864.000	Ft
0280	Post, Wood, 4 inch by 6 inch, Direct Embedment	8100381	132.000	Ft
0290	Sign, Type IIIA	8100404	55.000	Sft
0300	Sign, Type IIIB	8100405	394.000	Sft
0310	_ Trail Sign Post and Installation	8107050	40.000	Ea
0320	Protective Ovly, Snowmobile Trail Crossing	8110550	330.000	Syd
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0350	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	552.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	552.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Riprap, Plain, LM	8130012	16.000	Cyd
0420	Weed Control	8160095	17.000	Acre
0430	Slope Restoration, Type A	8160100	122,000.000	Syd
0440	Slope Restoration, Type B	8160101	61,000.000	Syd
0450	Slope Restoration, Type C	8160102	5,000.000	Syd



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 072

Letting Date: April 6, 2018

Contract ID: 82023-202459

Description: Superstructure repairs from high-load hit on I-94 under the Roosevelt Avenue walkover in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202459A	N/A	N/A	MER 82023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$4,600.00	1500001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0030	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0060	Ltg for Night Work	8120160	1.000	LSUM
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0090	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0100	Sign Cover	8120310	20.000	Ea
0110	Sign, Type A, Temp, Prismatic, Furn	8120340	300.000	Sft
0120	Sign, Type A, Temp, Prismatic, Oper	8120341	300.000	Sft
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	490.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	490.000	Sft
0150	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	10.000	Ea
0160	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	10.000	Ea
0170	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0180	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	1.000	Ea
0190	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	1.000	Ea

Section: 2

0200	Reinforcement, Steel, Epoxy Coated	7060092	26.000	Lb
0210	_ Flexural Strengthening System with Fiber Reinforced Polymer Sheet	7127010	67.000	Sft
0220	_ Hand Chipping, Special	7127010	40.000	Sft
0230	_ Beam End Repair, Latex Modified Conc	7127020	18.000	Cft



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AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 180406 216

Letting Date: April 6, 2018

Contract ID: 31012-125835

Description: Traffic signal modernizations, concrete curb, gutter, culvert and sidewalk, sewer, signage, and pavement markings in the cities of Houghton, Marquette, and Negaunee, Houghton and Marquette Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125835A	1800321	N/A	STG 31012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,900.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	46.000	Ft
0040	Curb and Gutter, Rem	2040020	189.000	Ft
0050	Pavt, Rem	2040050	66.000	Syd
0060	Sidewalk, Rem	2040055	126.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	Excavation, Earth	2050016	117.000	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	Aggregate Base, 6 inch	3020016	174.000	Syd
0130	Culv, CI A, Conc, 12 inch	4010165	54.000	Ft
0140	Sewer Tap, 12 inch	4021204	2.000	Ea
0150	Dr Structure Cover, Type E	4030035	1.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	Hand Patching	5010025	5.000	Ton
0180	Conc Base Cse, Nonreinf, 9 inch	6020021	5.000	Syd
0190	_ Local Device Testing, Cellular Modem	8007050	6.000	Ea
0200	_ Local Device Testing, Field Switch	8007050	6.000	Ea
0210	_ Local Device Testing, Roadside Unit	8007050	6.000	Ea
0220	_ Roadside Unit	8007050	6.000	Ea
0230	Curb and Gutter, Conc, Det F6	8020040	111.000	Ft
0240	Detectable Warning Surface	8030010	117.000	Ft
0250	Curb Ramp Opening, Conc	8030030	132.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	3,150.000	Sft
0270	Fence, Protective	8080007	50.000	Ft

0280	Band, Sign	8100010	6.000	Ea
0290	Post, Steel, 3 lb	8100371	84.000	Ft
0300	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0310	Sign, Type III, Rem	8100403	11.000	Ea
0320	Sign, Type IIIA	8100404	43.000	Sft
0330	Sign, Type IIIB	8100405	22.000	Sft
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,225.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	245.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	160.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	430.000	Ft
0380	Rem Spec Mrkg	8110343	1,095.000	Sft
0390	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0400	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0410	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Mobile Attenuator	8120180	1.000	Ea
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	390.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	50.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0530	Sign Cover	8120310	10.000	Ea
0540	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0550	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,342.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,342.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0600	_ Turf Establishment, Performance-No Rye	8167011	164.000	Syd
0610	Conduit, DB, 1, 1 1/2 inch	8190027	385.000	Ft
0620	Conduit, DB, 3, 3 inch	8190035	115.000	Ft
0630	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
0640	Conduit, Directional Bore, 3 inch	8190044	85.000	Ft
0650	Conduit, Rem	8190140	30.000	Ft
0660	Hh, Rem	8190254	2.000	Ea
0670	Hh, Round, 3 foot dia	8190259	2.000	Ea
0680	Hh, Round	8190260	9.000	Ea
0690	Cable, Sec, 600V, 1, 3/C#6	8190399	300.000	Ft

0700	Wood Pole, CI 4, 35 foot	8190472	2.000	Ea
0710	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	2.000	Ea
0720	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0730	Wood Pole, Rem	8190505	3.000	Ea
0740	Conduit, Directional Bore, 1, 3 inch	8190602	100.000	Ft
0750	Conduit, Directional Bore, 2, 3 inch	8190604	90.000	Ft
0760	Case Sign, Rem	8200020	3.000	Ea
0770	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0780	Conduit Repr, Under Pavt	8200027	20.000	Ft
0790	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0800	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0810	Controller and Cabinet, Rem	8200030	4.000	Ea
0820	Controller and Cabinet, Digital Type	8200031	2.000	Ea
0830	Controller Fdn, Base Mount	8200045	2.000	Ea
0840	Fdn, Rem	8200065	1.000	Ea
0850	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0860	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	6.000	Ea
0870	Metered Serv	8200090	4.000	Ea
0880	Metered Serv, Rem	8200095	3.000	Ea
0890	Pedestal, Alum	8200100	12.000	Ea
0900	Pedestal, Fdn	8200105	16.000	Ea
0910	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0920	Pushbutton and Sign	8200121	20.000	Ea
0930	Pushbutton, Rem	8200122	4.000	Ea
0940	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0950	Serv Disconnect	8200135	4.000	Ea
0960	Span Wire	8200140	12.000	Ea
0970	Span Wire, Rem	8200141	6.000	Ea
0980	Span Wire Tether	8200142	6.000	Ea
0990	Steel Pole, Rem	8200145	1.000	Ea
1000	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
1010	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1020	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
1030	TS, Wireless Link, 5 Gigahertz, Master	8200274	2.000	Ea
1040	TS, Wireless Link, 5 Gigahertz, Remote	8200275	2.000	Ea
1050	TS, One Way Span Wire Mtd (LED)	8200313	16.000	Ea
1060	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
1070	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
1080	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1090	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1100	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
1110	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
1120	TS, Pedestrian, Two Way Pedestal Mtd (LED)	8200347	1.000	Ea

	Countdown			
1130	Bracket, Truss, With 18 Foot Arm	8200378	9.000	Ea
1140	Video Traf Detection System	8200380	1.000	Ea
1150	Video Traf Detection Camera	8200381	2.000	Ea
1160	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
1170	Wireless Intercn, Closed Loop, Remote	8200395	2.000	Ea
1180	Case Sign, Four Way, 24 inch by 30 inch, Non-Illuminated	8200430	1.000	Ea
1190	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	4.000	Ea
1200	Hemispherical Video Detection Camera	8200444	2.000	Ea
1210	Hemispherical Video Detection System	8200445	2.000	Ea
1220	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
1230	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
1240	Strain Pole Fdn, 6 Bolt	8200470	27.000	Ft
1250	Casing	8200480	121.000	Ft
1260	Cellular Modem, TS, 4G	8200498	6.000	Ea
1270	Backplate, TS	8200501	26.000	Ea
1280	_ Strain Pole Fdn, Into Rock	8207001	124.000	Ft
1290	Protect Corners	8210020	4.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr