



6/27/2019 11:07 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 001**Letting Date:** August 9, 2019**Contract ID:** 33084-130133

Description: Bridge rehabilitation including deep overlay, deck patching, expansion joint replacement, epoxy overlay, healer/sealer, pin and hanger replacement, rocker realignment, partial painting, beam end repair, substructure repair, slope protection repair, approach pavement replacement and pavement marking on 9 bridges along I-96 from Hagadorn Road to Wallace Road, Ingham County. This project includes a 5 year performance warranty on thin epoxy bridge deck overlay and a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130133A	1900947	N/A	IM 33084
204552A	1900946	N/A	IM 33085
204661A	1900948	N/A	BOI 33085

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	31,500.000	Dlr
0060	Mobilization, Max \$566,800.00	1500001	1.000	LSUM
0070	Clearing	2010001	0.200	Acre
0080	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0090	Dr Structure, Rem	2030011	2.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	71.000	Ft
0110	Curb and Gutter, Rem	2040020	616.000	Ft
0120	Guardrail, Rem	2040035	1,303.000	Ft
0130	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0140	Pavt, Rem	2040050	32.000	Syd
0150	Exploratory Investigation, Vertical	2040080	90.000	Ft
0160	Embankment, CIP	2050010	670.000	Cyd
0170	Excavation, Earth	2050016	1,620.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	60.000	Ft
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0210	Erosion Control, Silt Fence	2080036	2,100.000	Ft
0220	Project Cleanup	2090001	1.000	LSUM
0230	Subbase, CIP	3010002	3,230.000	Cyd

0240	Aggregate Base, 6 inch	3020016	6,966.000	Syd
0250	Shoulder, CI II, 5 inch	3070127	1,612.000	Syd
0260	Shoulder, CI II, 6 inch	3070128	516.000	Syd
0270	Trenching	3070200	77.000	Sta
0280	Culv, Downspout, 12 inch	4010795	474.000	Ft
0290	Video Taping Sewer and Culv Pipe	4021275	125.000	Ft
0300	Dr Structure Cover, Adj, Case 2	4030006	16.000	Ea
0310	Dr Structure Cover, Type D	4030025	16.000	Ea
0320	Dr Structure, Tap, 6 inch	4030306	32.000	Ea
0330	Underdrain, Subbase, 6 inch	4040063	6,907.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	1,000.000	Ft
0350	Underdrain, Outlet Ending, 6 inch	4040113	38.000	Ea
0360	Cold Milling HMA Surface	5010002	2,618.000	Syd
0370	HMA Surface, Rem	5010005	3,277.000	Syd
0380	HMA Quality Initiative	5010007	3,544.000	Dlr
0390	Edge Trimming	5010009	1,874.000	Ft
0400	Longitudinal Joint Density Quality Initiative	5010018	5,224.000	Dlr
0410	Hand Patching	5010025	17.000	Ton
0420	HMA Approach	5010061	1,755.000	Ton
0430	Conc Pavt, Curing Horizontal Surfaces	6020159	818.000	Syd
0440	Joint, Expansion, E2	6020207	44.000	Ft
0450	Joint, Expansion, E3	6020208	462.000	Ft
0460	Joint, Expansion, E4	6020209	17.000	Ft
0470	Conc Quality Initiative	6020401	2,216.000	Dlr
0480	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	34.000	Syd
0490	Shoulder, Nonreinf Conc, High Performance	6020524	6.000	Syd
0500	Conc Pavt, Bridge Approach, Reinf	6020600	818.000	Syd
0510	Lane Tie, Epoxy Anchored	6030030	22.000	Ea
0520	Conc, Grade S2	7060011	10.000	Cyd
0530	Reinforcement, Steel, Culv and Headwall	7060091	400.000	Lb
0540	Curb and Gutter, Bridge Approach	8020010	750.000	Ft
0550	Downspout Header, Conc	8020070	10.000	Ea
0560	Guardrail, Type T	8070002	8.000	Ft
0570	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0580	Guardrail Anch, Bridge, Det T2	8070023	24.000	Ea
0590	Guardrail Anch, Bridge, Det T5	8070026	8.000	Ea
0600	Guardrail Reflector	8070080	94.000	Ea
0610	Guardrail, Reconst, Type B	8070105	2,350.000	Ft
0620	Guardrail, Reconst, Type T	8070109	800.000	Ft
0630	_ Guardrail, Reconst, Type MGS-8	8077001	400.000	Ft
0640	Bridge Sign Connection, Bolt Replacement	8100020	1.000	Ea
0650	Bridge Sign Connection, Steel, Type A1	8100060	1.000	Ea
0660	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0670	Post, Steel, 3 lb	8100371	90.000	Ft
0680	Sign, Type I, Erect, Salv	8100390	1.000	Ea

0690	Sign, Type I, Rem	8100391	1.000	Ea
0700	Sign, Type II, Rem	8100397	1.000	Ea
0710	Sign, Type IIB	8100399	16.000	Sft
0720	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0730	Sign, Type III, Rem	8100403	6.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0750	Rem Spec Mrkg	8110343	29.000	Sft
0760	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0770	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	2,710.000	Ft
0780	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	10,880.000	Ft
0790	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	10,480.000	Ft
0800	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	700.000	Ft
0810	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	2,450.000	Ft
0820	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	2,450.000	Ft
0830	Barricade, Type III, High Intensity, Lighted, Furn	8120022	81.000	Ea
0840	Barricade, Type III, High Intensity, Lighted, Oper	8120023	81.000	Ea
0850	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0860	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	16.000	Ea
0870	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	16.000	Ea
0880	Conc Barrier, Temp, Adj	8120080	1,046.000	Ft
0890	Conc Barrier, Temp, Furn	8120081	5,980.000	Ft
0900	Conc Barrier, Temp, Oper	8120082	5,980.000	Ft
0910	Delineator, Flexible, Temp, Furn	8120091	30.000	Ea
0920	Delineator, Flexible, Temp, Oper	8120092	30.000	Ea
0930	High Intensity Light, Type B, Furn	8120110	18.000	Ea
0940	High Intensity Light, Type B, Oper	8120111	18.000	Ea
0950	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0970	Ltg for Night Work	8120160	1.000	LSUM
0980	Minor Traf Devices	8120170	1.000	LSUM
0990	Mobile Attenuator	8120180	2.000	Ea
1000	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	28,700.000	Ft
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	50,420.000	Ft
1020	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	25,610.000	Ft
1030	Plastic Drum, Fluorescent, Furn	8120252	640.000	Ea
1040	Plastic Drum, Fluorescent, Oper	8120253	640.000	Ea
1050	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	29.000	Ea
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	29.000	Ea
1070	PTS System, Temp, Furn	8120270	1.000	Ea
1080	PTS System, Temp, Oper	8120271	1.000	Ea

1090	Sign Cover	8120310	12.000	Ea
1100	Sign Cover, Type 1	8120320	2.000	Ea
1110	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1120	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1130	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
1140	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
1150	Sign, Type B, Temp, Prismatic, Furn	8120350	5,688.000	Sft
1160	Sign, Type B, Temp, Prismatic, Oper	8120351	5,688.000	Sft
1170	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	643.000	Sft
1180	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	643.000	Sft
1190	_ Temp Rumble Strips (Orange)	8127001	1,158.000	Ft
1200	_ Traf Speed Sensor, Portable, Temp	8127050	4.000	Ea
1210	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1220	Riprap, Heavy	8130005	40.000	Syd
1230	Slope Restoration, Type A	8160100	400.000	Syd
1240	Slope Restoration, Type B	8160101	1,900.000	Syd
1250	Slope Restoration, Type C	8160102	1,300.000	Syd
1260	Slope Restoration, Type D	8160103	400.000	Syd
1270	Shoulder Corrugations, Ground or Cut, Conc	8220000	1,300.000	Ft
1280	Shoulder Corrugations, Ground or Cut, HMA	8220001	7,900.000	Ft
1290	Centerline Corrugations, Milled, HMA	8220013	900.000	Ft
1300	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	1,180.000	Ft
1310	Contractor Staking	8240001	1.000	LSUM
1320	Staking Plan Errors and Extras, One Person	8240020	47.000	Hr
1330	Staking Plan Errors and Extras, Two Person	8240021	19.000	Hr
1340	Staking Plan Errors and Extras, Three Person	8240022	29.000	Hr

Section: 2

1350	_ Flowable Fill	2057021	2.000	Cyd
1360	Backfill, Structure, CIP	2060002	2,042.000	Cyd
1370	Excavation, Fdn	2060010	2,040.000	Cyd
1380	Erosion Control, Sand Bag	2080028	1,200.000	Ea
1390	HMA Patch, Rem	5010006	31.000	Syd
1400	Conc, Grade D	7060010	165.000	Cyd
1410	Expansion Joint Device	7060050	946.000	Ft
1420	False Decking	7060060	32,544.000	Sft
1430	Reinforcement, Steel, Epoxy Coated	7060092	48,707.000	Lb
1440	_ Expansive Waterstop	7067001	374.000	Ft
1450	_ Conc, Deck Joint Replacement	7067021	46.000	Cyd
1460	Bearing, Elastomeric, 1 inch	7070012	34,704.000	Sin
1470	Bushing	7070030	112.000	Ea
1480	Joint Waterproofing	7100001	624.000	Sft
1490	Conc Surface Coating, Warranty (S01 of 33085)	7100009	1.000	LSUM

1500	Conc Surface Coating, Warranty (S02 of 33085)	7100009	1.000	LSUM
1510	Penetrating Healer/Sealer, Bridge Deck	7100025	1,438.000	Syd
1520	Substructure Horizontal Surface Sealer (S03 of 33085)	7100030	21.000	Syd
1530	Substructure Horizontal Surface Sealer (S04 of 33085)	7100030	32.000	Syd
1540	Substructure Horizontal Surface Sealer (S06 of 33084)	7100030	24.000	Syd
1550	Substructure Horizontal Surface Sealer (S09 of 33084)	7100030	26.000	Syd
1560	Substructure Horizontal Surface Sealer (S10 of 33084)	7100030	15.000	Syd
1570	Substructure Horizontal Surface Sealer (S11 of 33084)	7100030	15.000	Syd
1580	Substructure Horizontal Surface Sealer (S12 of 33084)	7100030	40.000	Syd
1590	Scarifying	7120001	2,885.000	Syd
1600	Hand Chipping, Shallow	7120003	85.000	Syd
1610	Hand Chipping, Deep	7120004	371.000	Syd
1620	Hand Chipping, Other Than Deck	7120007	1,813.000	Cft
1630	Patch, Full Depth	7120010	8.000	Cyd
1640	Patch, Forming	7120017	4,408.000	Sft
1650	Bridge Deck Surface Construction	7120025	2,885.000	Syd
1660	Structures, Rehabilitation, Rem Portions (S01 of 33085)	7120070	1.000	LSUM
1670	Structures, Rehabilitation, Rem Portions (S02 of 33085)	7120070	1.000	LSUM
1680	Structures, Rehabilitation, Rem Portions (S03 of 33085)	7120070	1.000	LSUM
1690	Structures, Rehabilitation, Rem Portions (S04 of 33085)	7120070	1.000	LSUM
1700	Structures, Rehabilitation, Rem Portions (S06 of 33084)	7120070	1.000	LSUM
1710	Structures, Rehabilitation, Rem Portions (S09 of 33084)	7120070	1.000	LSUM
1720	Structures, Rehabilitation, Rem Portions (S10 of 33084)	7120070	1.000	LSUM
1730	Structures, Rehabilitation, Rem Portions (S11 of 33084)	7120070	1.000	LSUM
1740	Structures, Rehabilitation, Rem Portions (S12 of 33084)	7120070	1.000	LSUM
1750	Deck Joint, Rem	7120071	963.000	Ft
1760	Hydrodemolition, First Pass	7120076	2,885.000	Syd
1770	Hydrodemolition, Second Pass	7120077	117.000	Syd
1780	Reinforcement, Mechanical Splice	7120084	184.000	Ea
1790	Patching Conc, C-L	7120112	119.000	Cyd
1800	Embedded Galvanic Anode	7120120	1,818.000	Ea
1810	_ Hand Chipping, Special	7127010	3,011.000	Sft
1820	_ Priority 1, Epoxy Ovly, Warranty	7127011	2,603.000	Syd
1830	_ Beam End Repair, Latex Modified Conc	7127020	1,488.000	Cft
1840	_ Hand Chipping, Full Depth	7127020	191.000	Cft
1850	_ Conc, Deck Surface Repr	7127021	11.000	Cyd
1860	_ Conc, Deep Bridge Deck Ovly	7127021	453.000	Cyd
1870	Beam Plate, Seal Perimeter	7130010	1,220.000	Ft
1880	Hanger Assembly, Field Measurement	7130030	28.000	Ea

1890	Hanger Assembly, Rem and Erect	7130031	28.000	Ea
1900	Rocker, Realign	7130050	21.000	Ea
1910	Structural Steel, Furn and Fab, Pin and Hanger	7130070	6,988.000	Lb
1920	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	2,186.000	Lb
1930	Support, Column, Temp	7130080	272.000	Ea
1940	_ Beam Ends, Pin Plate Cutting	7137050	14.000	Ea
1950	Steel Structure, Cleaning, Partial, Type 4 (S01 of 33085)	7150047	1.000	LSUM
1960	Steel Structure, Cleaning, Partial, Type 4 (S02 of 33085)	7150047	1.000	LSUM
1970	Steel Structure, Coating, Partial, Type 4 (S01 of 33085)	7150048	1.000	LSUM
1980	Steel Structure, Coating, Partial, Type 4 (S02 of 33085)	7150048	1.000	LSUM
1990	Field Repair of Damaged Coating (S01 of 33085)	7160001	1.000	LSUM
2000	Field Repair of Damaged Coating (S02 of 33085)	7160001	1.000	LSUM
2010	Slope Paving Header	8130015	800.000	Ft
2020	Slope Paving, Conc	8130020	957.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190809 002**Letting Date:** August 9, 2019**Contract ID:** 63071-205167

Description: Carpool lot lighting at various carpool lots within the Bay, University and Metro Regions in the villages of Holly and Clarkston, cities of St. Johns, Holt, Laingsburg, Howell and Bloomfield, Clinton, Inham, Shiawassee, Livingston and Oakland Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205167A	1900945	N/A	ST 63071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,400.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	15.000	Ft
0030	Temp Casing-Left in Place	7180121	25.000	Ft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Plastic Drum, Fluorescent, Furn	8120252	24.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	24.000	Ea
0090	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0100	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	84.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	84.000	Sft
0130	_ Horticultural Work	8157040	8.000	Hr
0140	Slope Restoration, Type A	8160100	150.000	Syd
0150	Slope Restoration, Type B	8160101	150.000	Syd
0160	Light Std Fdn	8190279	25.000	Ea
0170	_ Luminaire, Roadway	8197050	1.000	Ea
0180	_ Solar Lighting System	8197050	25.000	Ea



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 003**Letting Date:** August 9, 2019**Contract ID:** 63000-203559

Description: 0.96 mi of hot mix asphalt surfacing, concrete culvert, curb, gutter, sidewalk and ramps, aggregate base, drainage, signing and pavement marking on Dixboro Road from Eight Mile Road to Nine Mile Road, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203559A	1900898	N/A	STUL 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$306,400.00	1500001	1.000	LSUM
0020	_ Clearing, RCOC	2017012	1.410	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	24.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	52.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	45.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0090	Dr Structure, Rem	2030011	1.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	48.000	Ft
0110	Curb and Gutter, Rem	2040020	250.000	Ft
0120	Fence, Rem	2040025	453.000	Ft
0130	Pavt, Rem	2040050	96.000	Syd
0140	Sidewalk, Rem	2040055	66.000	Syd
0150	_ Telephone Utility, Rem	2047001	1,500.000	Ft
0160	_ Exploration for Utility Location	2047021	100.000	Cyd
0170	_ Ornamental Light Relocation	2047050	3.000	Ea
0180	_ Misc Site Items, Ornamental Structure A, Relocate	2047051	1.000	LSUM
0190	_ Misc Site Items, Ornamental Structure B, Relocate	2047051	1.000	LSUM
0200	_ Misc Site Items, Timber Boardwalk, Rem	2047051	1.000	LSUM
0210	_ Retaining Wall, Rem, Location A	2047051	1.000	LSUM
0220	_ Retaining Wall, Rem, Location B	2047051	1.000	LSUM
0230	_ Retaining Wall, Rem, Location C	2047051	1.000	LSUM
0240	Backfill, Swamp	2050001	20,205.000	Cyd
0250	Embankment, CIP	2050010	3,252.000	Cyd
0260	Excavation, Earth	2050016	11,128.000	Cyd
0270	Excavation, Peat	2050017	21,495.000	Cyd

0280	_ Excavation, Earth, RCOC	2057011	3,557.000	Syd
0290	_ Subgrade Undercutting, 21AA	2057021	750.000	Cyd
0300	_ Subgrade Undercutting, 3 by 1	2057021	750.000	Cyd
0310	Erosion Control, Filter Bag	2080014	4.000	Ea
0320	_ Erosion Control, Check Dam, Stone, RCOC	2087001	30.000	Ft
0330	_ Erosion Control, Silt Fence, RCOC	2087001	8,000.000	Ft
0340	_ Mulch, Temp, Special, RCOC	2087011	6,500.000	Syd
0350	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	38.000	Ea
0360	Aggregate Base, Conditioning	3020051	14.000	Sta
0370	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	61.000	Syd
0380	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	919.000	Syd
0390	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	24,399.000	Syd
0400	_ Open-Graded Dr Cse, 18 inch, RCOC	3027011	5,900.000	Syd
0410	_ Aggregate Base, 21AA, RCOC	3027031	1,000.000	Ton
0420	_ Approach, 21AA	3027031	133.000	Ton
0430	Maintenance Gravel	3060020	1,500.000	Ton
0440	_ Shoulder, 21AA, 5.5 inch	3077011	2,638.000	Syd
0450	_ Biaxial Geogrid	3087011	9,215.000	Syd
0460	_ Geotextile Fabric, Type NW 8	3087011	13,665.000	Syd
0470	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0480	Culv End Sect, Conc, 15 inch	4010048	4.000	Ea
0490	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0500	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0510	Culv, CI E, Conc, 12 inch	4010573	101.000	Ft
0520	Culv, CI E, Conc, 15 inch	4010574	78.000	Ft
0530	Culv, Reinf Conc Ellip, HE CI III, 58 inch by 91 inch	4010888	72.000	Ft
0540	_ Culv, CI A, CSP, 12 inch, RCOC	4017001	108.000	Ft
0550	_ Culv, End Sect, Conc Ellip, 58 inch by 91 inch, Special	4017050	2.000	Ea
0560	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,390.000	Ft
0570	Sewer, CI IV, 15 inch, Tr Det B	4020988	1,463.000	Ft
0580	Sewer, CI IV, 18 inch, Tr Det B	4020989	348.000	Ft
0590	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0600	Trench Undercut and Backfill	4021260	50.000	Cyd
0610	Video Taping Sewer and Culv Pipe	4021275	3,560.000	Ft
0620	Dr Structure Cover, Type B	4030010	1.000	Ea
0630	Dr Structure Cover, Type D	4030025	1.000	Ea
0640	Dr Structure Cover, Type G	4030040	2.000	Ea
0650	Dr Structure Cover, Type J	4030045	29.000	Ea
0660	Dr Structure, 24 inch dia	4030200	11.000	Ea
0670	Dr Structure, 48 inch dia	4030210	22.000	Ea
0680	Underdrain Outlet, 6 inch	4040093	220.000	Ft
0690	Underdrain, Outlet Ending, 6 inch	4040113	11.000	Ea
0700	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	7,222.000	Ft
0710	Cold Milling HMA Surface	5010002	381.000	Syd

0720	HMA Surface, Rem	5010005	1,396.000	Syd
0730	Hand Patching	5010025	24.000	Ton
0740	HMA, 4E3	5010051	3,731.000	Ton
0750	HMA, 5E3	5010057	1,434.000	Ton
0760	_ HMA Approach (Commercial)	5017031	203.000	Ton
0770	_ HMA Approach (Residential)	5017031	163.000	Ton
0780	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0790	_ Spillway, Conc, RCOC	6027001	210.000	Ft
0800	Steel Sheet Piling, Temp	7040002	400.000	Sft
0810	_ Consumers HP Gas, Temp Support	7147051	1.000	LSUM
0820	Driveway, Nonreinf Conc, 6 inch	8010005	149.000	Syd
0830	Curb and Gutter, Conc, Det B2	8020016	7,804.000	Ft
0840	_ Driveway Opening, Conc, Det M, RCOC	8027001	97.000	Ft
0850	Detectable Warning Surface	8030010	10.000	Ft
0860	Curb Ramp Opening, Conc	8030030	16.000	Ft
0870	Sidewalk Ramp, Conc, 6 inch	8030036	290.000	Sft
0880	Sidewalk, Conc, 4 inch	8030044	210.000	Sft
0890	Post, Mailbox	8070095	19.000	Ea
0900	Post, Steel, 3 lb	8100371	174.000	Ft
0910	Post, Wood, 4 inch by 6 inch	8100380	60.000	Ft
0920	Sign, Type II, Rem	8100397	1.000	Ea
0930	Sign, Type IIA	8100398	40.000	Sft
0940	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0950	Sign, Type III, Rem	8100403	13.000	Ea
0960	Sign, Type IIIA	8100404	69.000	Sft
0970	Sign, Type IIIB	8100405	13.000	Sft
0980	_ Post, Flexible, Delineator, RCOC	8107050	54.000	Ea
0990	_ Street Sign Post	8107050	2.000	Ea
1000	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,075.000	Ft
1010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,305.000	Ft
1020	_ Pavt Mrkg, Cold Plastic, 24 inch, Stop Bar	8117001	15.000	Ft
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1050	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
1060	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
1070	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
1080	Dust Palliative, Applied	8120100	20.000	Ton
1090	Minor Traf Devices	8120170	1.000	LSUM
1100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	9,232.000	Ft
1110	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
1120	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
1130	Sign Cover	8120310	5.000	Ea
1140	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea

1150	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
1160	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
1170	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
1180	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	300.000	Sft
1190	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	300.000	Sft
1200	Traf Regulator Control	8120370	1.000	LSUM
1210	_ Streambank Restoration	8137001	40.000	Ft
1220	_ Riprap, Heavy, RCOC	8137011	16.000	Syd
1230	_ Riprap, Plain, RCOC	8137011	117.000	Syd
1240	_ Turf Reinforcement Mat	8137011	140.000	Syd
1250	_ Ditch, Plain Cobble, RCOC	8147011	3.000	Syd
1260	_ Turf Establishment, ES Seed, Special Mulch, Performance, RCOC	8167011	3,480.000	Syd
1270	_ Turf Establishment, THM Seed, Special Mulch, Performance, RCOC	8167011	7,773.000	Syd
1280	_ Turf Establishment, TUF Seed, Special Mulch, Performance, RCOC	8167011	4,700.000	Syd
1290	Monument Box	8210001	3.000	Ea
1300	Centerline Corrugations, Milled, HMA	8220013	4,596.000	Ft
1310	_ 12 inch HDPE (SDR 11) DIPS Water Main, Directional Drill	8237001	213.000	Ft
1320	_ Sprinkler Line	8237001	500.000	Ft
1330	_ Water Main, 12 inch, Abandon and Fill	8237001	200.000	Ft
1340	_ Water Main, Rem	8237001	80.000	Ft
1350	_ 12 inch Gate Valve and Well	8237050	2.000	Ea
1360	_ Connection to Existing 12 inch Water Main	8237050	2.000	Ea
1370	_ Sprinkler Head, Relocate	8237050	25.000	Ea
1380	_ Sprinkler Head, Replace	8237050	25.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 004**Letting Date:** August 9, 2019**Contract ID:** 02000-207845

Description: 2.63 mi of hot mix asphalt overlay, crown correction, superelevation modification, aggregate shoulders, signing and pavement markings on H-58 from City Limits Road to Miners Castle Road, Alger County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207845A	1900856	N/A	HSIP 02000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	16.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	4.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0050	Aggregate Base	3020001	5,500.000	Ton
0060	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0070	Approach, CI II	3070021	360.000	Ton
0080	Shoulder, CI III, 3 inch	3070145	900.000	Syd
0090	Trenching	3070200	278.000	Sta
0100	HMA Surface, Rem	5010005	200.000	Syd
0110	HMA Approach	5010061	186.000	Ton
0120	HMA, LVSP	5010703	5,300.000	Ton
0130	Post, Mailbox	8070095	30.000	Ea
0140	Post, Steel, 3 lb	8100371	540.000	Ft
0150	Sign, Type III, Rem	8100403	43.000	Ea
0160	Sign, Type IIIB	8100405	185.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	45.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,773.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,160.000	Ft
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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	312.000	Ft
0240	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	284.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	284.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Fertilizer, Chemical Nutrient, CI A	8160020	100.000	Lb
0300	Seeding, Mixture TDS	8160037	80.000	Lb
0310	Topsoil Surface, Furn, 3 inch	8160061	2,000.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190809 005**Letting Date:** August 9, 2019**Contract ID:** 41000-206983**Description:** 1.92 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on 6 Mile Road NW from Fruit Ridge Road to West of Walker Avenue, Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206983A	1900827	N/A	ST 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$62,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,187.000	Ft
0030	Pavt, Rem	2040050	87.000	Syd
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0050	_ Project Cleanup, Modified	2097051	1.000	LSUM
0060	Material, Surplus and Unsuitable, Rem, LM	3050010	1,000.000	Cyd
0070	Salv Crushed Material, LM	3050015	600.000	Cyd
0080	_ HMA Base Crushing and Shaping, Modified	3057011	38,889.000	Syd
0090	Approach, CI III, CIP	3070042	250.000	Cyd
0100	Shoulder, CI III, CIP	3070141	400.000	Ton
0110	_ Shoulder, CI III, CIP, Modified	3077011	4,933.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0140	Dr Structure, Temp Lowering	4030390	7.000	Ea
0150	Cold Milling HMA Surface	5010002	650.000	Syd
0160	HMA, 3C	5010031	4,920.000	Ton
0170	HMA, 5E1	5010056	3,689.000	Ton
0180	HMA Approach	5010061	50.000	Ton
0190	_ HMA Spillway	5017001	150.000	Ft
0200	Driveway, Nonreinf Conc, 6 inch	8010005	103.000	Syd
0210	Guardrail, Type B	8070000	1,025.000	Ft
0220	Guardrail, Curved, Type B	8070010	63.000	Ft
0230	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0240	Guardrail Reflector	8070080	35.000	Ea
0250	Post, Mailbox	8070095	15.000	Ea
0260	_ Guardrail Buffered End Shoe	8077050	2.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,250.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,250.000	Ft

0290	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0300	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0310	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0320	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	421.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	421.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	29.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	29.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Riprap, Plain	8130010	50.000	Syd
0400	_ Roadside Seeding	8167002	90.000	Sta
0410	Monument Box	8210001	2.000	Ea
0420	Monument Preservation	8210010	2.000	Ea
0430	_ Well Brine, 26%	8507022	26,531.000	Gal



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Schedule of Pay Items

Report v1

Letting Call: 190809 006**Letting Date:** August 9, 2019**Contract ID:** 38000-203005**Description:** 40.68 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on various routes, Jackson County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203005A	1900817	N/A	STL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$541,400.00	1500001	1.000	LSUM
0020	_ Seal, Fog	2017011	103,000.000	Syd
0030	Guardrail, Rem	2040035	1,500.000	Ft
0040	Shoulder, CI II	3070121	11,885.000	Ton
0050	Pavt for Butt Joints, Rem	5010008	4,450.000	Syd
0060	HMA Approach	5010061	410.000	Ton
0070	HMA, LVSP	5010703	58,900.000	Ton
0080	Seal, Single Chip	5050001	103,000.000	Syd
0090	_ Driveway Approach, Rem, Modified	8017011	300.000	Syd
0100	Guardrail, Type B	8070000	1,500.000	Ft
0110	Guardrail Approach Terminal, Type 2B	8070042	26.000	Ea
0120	Guardrail Reflector	8070080	50.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	405.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	482,950.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	482,950.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	482,950.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	482,950.000	Ft
0190	_ Pavt Mrkg, Thermopl, Rumble Strip, Modified	8117001	1,400.000	Ft
0200	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0210	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	19,500.000	Ft
0240	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0250	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	288.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	288.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
0290	_ Monument Box Adjust, Modified	8217050	25.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 007**Letting Date:** August 9, 2019**Contract ID:** 50000-203516

Description: 0.91 mi of hot mix asphalt cold milling and resurfacing, remove and replace concrete patches, concrete curb and gutter, drainage and pavement markings on 14 Mile Road from Dequindre Road to Ryan Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203516A	1900884	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	9,900.000	Ft
0030	Sidewalk, Rem	2040055	358.000	Syd
0040	_ Pavt, Rem, Modified	2047011	2,500.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	42.000	Ea
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0080	_ Aggregate Base, Repair	3027031	400.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	42.000	Ea
0100	Dr Structure Cover, Type D	4030025	8.000	Ea
0110	Dr Structure Cover, Type K	4030050	20.000	Ea
0120	Dr Structure, Adj, Add Depth	4030280	64.000	Ft
0130	Dr Structure, Cleaning	4030290	64.000	Ea
0140	Dr Structure, Temp Lowering	4030390	64.000	Ea
0150	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	22.000	Ea
0160	_ Dr Structure Cover, Type B, Modified	4037050	14.000	Ea
0170	_ Dr Structure Cover, Type B, Modified GW - Sterling Heights	4037050	9.000	Ea
0180	_ Dr Structure Cover, Type B, Modified GW - Warren	4037050	5.000	Ea
0190	_ Dr Structure Cover, Type Q, Modified - Sterling Heights	4037050	4.000	Ea
0200	_ Dr Structure Cover, Type Q, Modified - Warren	4037050	4.000	Ea
0210	_ External Structure Wrap	4037050	22.000	Ea
0220	Pavt, Cleaning	5010001	1.000	LSUM
0230	Pavt Joint and Crack Repr, Det 7	5010020	29,400.000	Ft
0240	Hand Patching	5010025	980.000	Ton
0250	HMA, 5E10	5010058	6,080.000	Ton
0260	_ Cold Milling Existing Pavement, 3 inch Deep	5017011	34,100.000	Syd

0270	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	2,500.000	Syd
0280	Lane Tie, Epoxy Anchored	6030030	21,410.000	Ea
0290	_ Pavt Repr, Nonreinf Conc, 9 inch, Modified	6037011	11,710.000	Syd
0300	_ Pavt Repr, Rem, Modified	6037011	11,710.000	Syd
0310	Curb and Gutter, Conc, Det F2	8020036	6,990.000	Ft
0320	Driveway Opening, Conc, Det M	8020050	2,810.000	Ft
0330	_ Expansion Joint Filler, 1.0 in x 9 in	8027001	3,440.000	Ft
0340	Curb Ramp Opening, Conc	8030030	133.000	Ft
0350	Sidewalk, Conc, 4 inch	8030044	4,085.000	Sft
0360	_ Sidewalk Ramp, ADA, Modified	8037010	931.000	Sft
0370	Pavt Mrkg, Polyurea, 4 inch, White	8110091	3,400.000	Ft
0380	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	12,700.000	Ft
0390	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0400	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	192.000	Ft
0410	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0420	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0430	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0440	Recessing Pavt Mrkg, Longit	8110450	16,100.000	Ft
0450	Recessing Pavt Mrkg, Transv	8110451	1,379.000	Sft
0460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,670.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,700.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,670.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,100.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	420.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	420.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	500.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	384.000	Ft
0590	Sign Cover	8120310	6.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	650.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	650.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	200.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	200.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 24 inch, Stop Bar, Temp	8127001	192.000	Ft
0660	_ Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Crosswalk, Temp	8127001	500.000	Ft

0670	_ Turf Establishment	8167011	4,800.000	Syd
0680	Digital Loop Detector	8200055	2.000	Ea
0690	Traf Loop, Presence	8200171	5.000	Ea
0700	Monument Box Adjust	8210005	1.000	Ea
0710	Water Shutoff, Reconst, Case 1	8230401	2.000	Ea
0720	Gate Box, Reconst, Case 1	8230411	1.000	Ea
0730	Water Shutoff, Adj, Case 1	8230421	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 008**Letting Date:** August 9, 2019**Contract ID:** 81000-200818

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

Project Information

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

List of Items by Section

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

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

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

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

Section: 2

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

1550	Excavation, Fdn	2060010	13,165.000	Cyd
1560	Underdrain, Fdn, 6 inch	4040033	711.000	Ft
1570	Culv, Precast Conc Box, 12 foot by 7 foot	4060148	237.000	Ft
1580	_ Culv, Precast Conc Box, 12 foot by 7 foot, Modified	4067001	182.000	Ft
1590	_ Culv, Precast Conc Box, 14 foot by 12 foot, Modified	4067001	88.000	Ft
1600	_ Culvert Bedding	4067021	672.000	Cyd
1610	Cofferdams, Left in Place (Box Culvert)	7040009	1.000	LSUM
1620	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	4,030.000	Sft
1630	_ Steel Sheet Piling, Temp, Special	7047010	546.000	Sft
1640	_ Seawall, Adjust	7047050	2.000	Ea
1650	Conc, Grade S2	7060011	7.000	Cyd
1660	Conc, Grade T	7060013	45.000	Cyd
1670	Reinforcement, Steel, Epoxy Coated	7060092	209,519.000	Lb
1680	Substructure Conc	7060100	1,713.000	Cyd
1690	Superstructure Conc	7060110	20.000	Cyd
1700	Superstructure Conc, Form, Finish, and Cure (Pedestrian Bridge)	7060111	1.000	LSUM
1710	Wall Drain	7060130	111.000	Sft
1720	Water Repellent Treatment, Penetrating	7060140	302.000	Syd
1730	_ Tieback Protective Sleeve	7067001	92.000	Ft
1740	_ Anti-Graffiti Coating	7067011	1,171.000	Syd
1750	Shear Developers	7070040	1.000	LSUM
1760	_ Prefabricated Bridge, Furn	7077051	1.000	LSUM
1770	_ Prefabricated Bridge, Installed	7077051	1.000	LSUM
1780	Joint Waterproofing	7100001	319.000	Sft
1790	Conc Surface Coating (Box Culvert)	7100010	1.000	LSUM
1800	Conc Surface Coating (Pedestrian Bridge)	7100010	1.000	LSUM
1810	Conc Surface Coating (Retaining Wall)	7100010	1.000	LSUM
1820	_ Texturing Conc	7107011	774.000	Syd
1830	_ Decorative Fence, 72 inch, Safety	8087001	50.000	Ft
1840	_ Ornamental Aluminum Fence, 48 inch	8087001	582.000	Ft
1850	Riprap, Heavy	8130005	89.000	Syd



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 009**Letting Date:** August 9, 2019**Contract ID:** 70016-203378**Description:** Freeway lighting LED upgrades on US-31 at M-104 in the village of Spring Lake, cities of Grand Haven and Ferrysburg, Ottawa County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203378A	1900949	N/A	NH 70016

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
10	Mobilization, Max \$17,400.00	1500001	1.000	LSUM
100	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
110	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
120	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
130	Slope Restoration, Type B	8160101	100.000	Syd
140	Conduit, Directional Bore, 2 inch	8190042	215.000	Ft
150	DB Cable, in Conduit, 600V, 1/C#6	8190211	430.000	Ft
160	Cable, Equipment Grounding Wire, 1/C#6 DB Cable, Equipment Grounding Wire, 1/C #6	8190236	215.000	Ft
170	Hh, Heavy Duty Cover	8190246	2.000	Ea
180	Hh, Rem	8190254	2.000	Ea
190	Luminaire, Rem	8190360	66.000	Ea
20	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
200	_ Lighting Control Panel	8197050	2.000	Ea
210	_ Luminaire, Median	8197050	20.000	Ea
220	_ Luminaire, Roadway	8197050	46.000	Ea
230	_ Electrical, Rem	8197051	1.000	LSUM
30	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
40	Minor Traf Devices	8120170	1.000	LSUM
50	Plastic Drum, Fluorescent, Furn	8120252	156.000	Ea
60	Plastic Drum, Fluorescent, Oper	8120253	156.000	Ea
70	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
80	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
90	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 190809 010**Letting Date:** August 9, 2019**Contract ID:** 82062-205395

Description: 0.05 mi of left turn lane extension including pavement removal, hot mix asphalt pavement, concrete curb and gutter, signals, signing and pavement markings on EB US-12 just east of Outer Drive in the city of Dearborn, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205395A	1900954	N/A	ST 82062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,300.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Curb and Gutter, Rem	2040020	186.000	Ft
0040	Pavt, Rem	2040050	69.000	Syd
0050	Embankment, CIP	2050010	68.000	Cyd
0060	Excavation, Earth	2050016	534.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	Subbase, CIP	3010002	86.000	Cyd
0120	_ Open-Graded Dr Cse, 16 inch	3037011	356.000	Syd
0130	Geotextile, Separator	3080005	528.000	Syd
0140	Geotextile, Stabilization	3080010	50.000	Syd
0150	Sewer, Cl A, 12 inch, Tr Det B	4020033	8.000	Ft
0160	Sewer, Cl E, 12 inch, Tr Det B	4020600	251.000	Ft
0170	Video Taping Sewer and Culv Pipe	4021275	259.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0190	Dr Structure Cover, Type B	4030010	1.000	Ea
0200	Dr Structure Cover, Type K	4030050	4.000	Ea
0210	Dr Structure Lead, Cleaning, 12 inch	4030112	16.000	Ft
0220	Dr Structure, 48 inch dia	4030210	3.000	Ea
0230	Dr Structure, Cleaning	4030290	1.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	_ Dr Structure, 48 inch dia, Modified	4037050	1.000	Ea
0260	Underdrain, Pipe, Open-Graded, 6 inch	4040043	266.000	Ft
0270	HMA Surface, Rem	5010005	50.000	Syd

0280	HMA Quality Initiative	5010007	206.000	Dlr
0290	HMA, 3E3	5010045	44.000	Ton
0300	HMA, 4E3, High Stress	5010509	59.000	Ton
0310	Curb and Gutter, Conc, Det F6	8020040	266.000	Ft
0320	Fence, Protective	8080007	250.000	Ft
0330	Post, Steel, 3 lb	8100371	88.000	Ft
0340	Sign, Type III, Rem	8100403	4.000	Ea
0350	Sign, Type IIIB	8100405	35.000	Sft
0360	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	370.000	Ft
0380	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0460	Sign Cover	8120310	10.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0490	Slope Restoration, Type A	8160100	454.000	Syd
0500	Slope Restoration, Type B	8160101	177.000	Syd
0510	Cable, Intercn, Rem	8190015	700.000	Ft
0520	Cable, Sec, Rem	8190017	700.000	Ft
0530	Conduit, DB, 1, 3 inch	8190029	290.000	Ft
0540	Conduit, Rem	8190140	290.000	Ft
0550	Hh, Polymer Conc	8190250	1.000	Ea
0560	Hh, Rem	8190254	1.000	Ea
0570	Cable, P.J., 600V, 1, 7/C#14	8190377	700.000	Ft
0580	Cable, Sec, 600V, 2, 1/C#6	8190406	700.000	Ft
0590	Contractor Staking, Road Only	8240007	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 190809 011**Letting Date:** August 9, 2019**Contract ID:** 82211-207404**Description:** 0.75 mi of installation of traffic signals, signing, sidewalks and pavement markings on M-85 from Outer Drive to Schaefer Highway in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207404A	1900950	N/A	HSIP 82211

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	_ Reimbursed Permit Fees	1077060	500.000	Dlr
0030	Mobilization, Max \$19,500.00	1500001	1.000	LSUM
0040	Curb and Gutter, Rem	2040020	62.000	Ft
0050	Curb, Rem	2040021	32.000	Ft
0060	Pavt, Rem	2040050	4.000	Syd
0070	Sidewalk, Rem	2040055	20.000	Syd
0080	Exploratory Investigation, Vertical	2040080	20.000	Ft
0090	Embankment, CIP	2050010	10.000	Cyd
0100	Excavation, Earth	2050016	10.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0120	Erosion Control, Silt Fence	2080036	200.000	Ft
0130	Subbase, CIP	3010002	14.000	Cyd
0140	Aggregate Base, 8 inch	3020020	27.000	Syd
0150	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0160	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0170	_ Roadside Unit, Intersection	8007050	1.000	Ea
0180	Curb, Conc, Det E4	8020004	10.000	Ft
0190	Curb and Gutter, Conc, Det F6	8020040	10.000	Ft
0200	Detectable Warning Surface	8030010	24.000	Ft
0210	Curb Ramp Opening, Conc	8030030	100.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	240.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	744.000	Sft
0240	Fence, Protective	8080007	200.000	Ft
0250	Post, Steel, 3 lb	8100371	250.000	Ft
0260	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0270	Sign, Type III, Rem	8100403	18.000	Ea
0280	Sign, Type IIIB	8100405	70.000	Sft

0290	Pavt Mrkg, Polyurea, 4 inch, White	8110091	125.000	Ft
0300	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	176.000	Ft
0310	Pavt Mrkg, Polyurea, 6 inch, White	8110094	60.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	77.000	Ft
0330	Rem Spec Mrkg	8110343	552.000	Sft
0340	Pavt Mrkg, Polyurea, School	8110414	6.000	Ea
0350	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0360	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0370	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Mobile Attenuator	8120180	1.000	Ea
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	185.000	Ft
0410	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	77.000	Ft
0420	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0440	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0450	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Slope Restoration, Type A	8160100	250.000	Syd
0520	Conduit, DB, 1, 1 1/2 inch	8190027	190.000	Ft
0530	Conduit, DB, 3, 3 inch	8190035	15.000	Ft
0540	Hh, Polymer Conc	8190250	2.000	Ea
0550	Hh, Round	8190260	11.000	Ea
0560	Cable, Sec, 600V, 1, 3/C#6	8190399	360.000	Ft
0570	Wood Pole, Cl 4, 35 foot	8190472	2.000	Ea
0580	Wood Pole, Fit Up, Transformer Pole	8190498	2.000	Ea
0590	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0600	Conduit, Directional Bore, 1, 3 inch	8190602	225.000	Ft
0610	_ Conduit, DB, 1 , 1 inch	8197001	15.000	Ft
0620	_ Conduit, DB, 1, 2 inch	8197001	265.000	Ft
0630	Global Positioning System Module	8200050	1.000	Ea
0640	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0650	Pedestal, Alum	8200100	6.000	Ea
0660	Pedestal, Fdn	8200105	6.000	Ea
0670	Power Co. (Est. Cost to Contractor)	8200116	15,000.000	Dlr
0680	Pushbutton and Sign	8200121	4.000	Ea
0690	Serv Disconnect	8200135	1.000	Ea
0700	Span Wire	8200140	1.000	Ea
0710	Cabinet, NEMA Type	8200186	1.000	Ea
0720	Warning Sign	8200260	4.000	Ea
0730	TS, One Way Span Wire Mtd (LED)	8200313	3.000	Ea

0740	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0750	Wireless Intercn, Sign Mtd Flasher, Master	8200490	1.000	Ea
0760	Wireless Intercn, Sign Mtd Flasher, Remote	8200492	2.000	Ea
0770	Cellular Modem, TS, 4G	8200498	1.000	Ea
0780	_ Controller, NEMA ATC Type	8207050	1.000	Ea
0790	Contractor Staking, Road Only	8240007	1.000	LSUM
0800	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0810	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0820	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0830	Lightning Protection, Pole	8260021	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 012**Letting Date:** August 9, 2019**Contract ID:** 63053-208018

Description: 168.68 lane mi of hot mix asphalt crack treatment and overband crack fill of carpool parking lot on US-24 (Telegraph Road) from Vreeland Road to south of West Road, on M-5 (Grand River Avenue) from I-94 to Cass Avenue, on M-102 (8 Mile Road) from M-39 to M-1, on M-53 (Van Dyke Avenue) from Helen Street to Irving Street, on Old 96 (Grand River Avenue) from Sinacola Court to M-5 Freeway, on M-59 (Huron Street) from M-1SB Loop to M-1NB Loop and on US-24 (Dixie Highway)/US-24BR (Cesar Chavez) from I-75 to railroad structures in the cities of Center Line, Detroit, Farmington, Farmington Hills, Ferndale, Flat Rock, Oak Park, Pontiac, Southfield and Sterling Heights, Macomb, Oakland and Wayne Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208018A	N/A	N/A	M 63053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,700.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	166.620	Lnmi
0030	HMA Crack Treatment, Ramp, Warranty	5020028	2.060	Lnmi
0040	_ Overband Crack Fill, Carpool Parking Lot	5027011	4,000.000	Syd
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,260.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,260.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0110	Ltg for Night Work	8120160	1.000	LSUM
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Mobile Attenuator	8120180	2.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 190809 013

Letting Date: August 9, 2019

Contract ID: 11000-206937

Description: 3.45 mi of hot mix asphalt single course overlay on East Napier Avenue from Morgan Road to the Baninbridge/Benton township line, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206937A	1900733	N/A	STL 11000
206939A	1900798	N/A	STL 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Mobilization, Max\$62,000.00	1027051	1.000	LSUM
0020	_ Pavt, Rem, Modified	2047011	160.000	Syd
0030	Embankment, CIP	2050010	200.000	Cyd
0040	Excavation, Earth	2050016	400.000	Cyd
0050	Approach, CI II	3070021	140.000	Ton
0060	Shoulder, CI II	3070121	1,350.000	Ton
0070	_ Trenching, Modified	3077002	8.000	Sta
0080	Hand Patching	5010025	55.000	Ton
0090	HMA, 4E1	5010050	75.000	Ton
0100	HMA, 5E1	5010056	7,350.000	Ton
0110	HMA Approach	5010061	250.000	Ton
0120	_ Pavt for Butt Joints, Rem, Modified	5017011	650.000	Syd
0130	Curb Sloped, HMA	8050010	3,125.000	Ft
0140	Post, Mailbox	8070095	10.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	36,500.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,019.000	Ft
0170	Channelizing Device, 42 inch, Furn	8120030	182.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	182.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	192.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	192.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Riprap, Plain	8130010	40.000	Syd
0260	Slope Restoration, Type B	8160101	700.000	Syd
0270	Monument Box Adjust	8210005	4.000	Ea

0280	_ HMA, Spillway	8507050	8.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 190809 014**Letting Date:** August 9, 2019**Contract ID:** 30000-204762**Description:** 2.00 mi of hot mix asphalt overlay, gravel shoulders and pavement markings on Camden Road from Pioneer Road to Tripp Road, Hillsdale County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204762A	1900791	N/A	STL 30000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,700.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	25.000	Ton
0030	Shoulder, CI II	3070121	1,200.000	Ton
0040	Cold Milling HMA Surface	5010002	13,700.000	Syd
0050	Pavt for Butt Joints, Rem	5010008	360.000	Syd
0060	HMA, 13A	5010033	3,150.000	Ton
0070	HMA Approach	5010061	60.000	Ton
0080	_ HMA Spot Leveling	5017031	1,550.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,578.000	Ft
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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	650.000	Ft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	496.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	496.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Monument Box Adjust	8210005	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 015

Letting Date: August 9, 2019

Contract ID: 75000-203394

Description: 0.39 mi of hot mix asphalt cold milling and resurfacing on Chippewa Avenue from Otter Street to US-2 in the city of Manistique, Schoolcraft County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203394A	1900804	N/A	STL 75000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	175.000	Ft
0030	Sidewalk, Rem	2040055	730.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0050	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0060	Aggregate Base, 8 inch	3020020	760.000	Syd
0070	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0080	Dr Structure Cover, Type K	4030050	1.000	Ea
0090	Dr Structure, 48 inch dia	4030210	2.000	Ea
0100	Cold Milling HMA Surface	5010002	11,735.000	Syd
0110	HMA Surface, Rem	5010005	30.000	Syd
0120	Hand Patching	5010025	25.000	Ton
0130	HMA Approach	5010061	85.000	Ton
0140	HMA, LVSP	5010703	940.000	Ton
0150	Curb and Gutter, Conc, Det C4	8020023	140.000	Ft
0160	Curb Ramp Opening, Conc	8030030	35.000	Ft
0170	Sidewalk Ramp, Conc, 4 inch	8030034	350.000	Sft
0180	Sidewalk, Conc, 4 inch	8030044	6,215.000	Sft
0190	_ Detectable Warning Surface, Cast Iron	8037001	30.000	Ft
0200	Post, Steel, 3 lb	8100371	540.000	Ft
0210	Sign, Type III, Rem	8100403	24.000	Ea
0220	Sign, Type IIIA	8100404	65.000	Sft
0230	Sign, Type IIIB	8100405	115.000	Sft
0240	Pavt Mrkg, Polyurea, Bike	8110100	8.000	Ea
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	105.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,700.000	Ft
0270	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,440.000	Ft
0280	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea

0290	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0300	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0360	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	490.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	490.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Slope Restoration, Type A	8160100	450.000	Syd



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Report v1

Letting Call: 190809 016**Letting Date:** August 9, 2019**Contract ID:** 77000-207974

Description: Replacement of existing diagonal signals with box span configuration, reflectorized backplates and pedestrian countdown signals on Huron Boulevard at Michigan Avenue in the city of Marysville, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207974A	1900885	N/A	HSIP 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	13.000	Ft
0030	Sidewalk, Rem	2040055	45.000	Syd
0040	Exploratory Investigation, Vertical	2040080	20.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Maintenance Gravel	3060020	20.000	Ton
0070	HMA Surface, Rem	5010005	3.000	Syd
0080	Hand Patching	5010025	2.000	Ton
0090	Curb and Gutter, Conc, Det F4	8020038	4.000	Ft
0100	Curb Ramp Opening, Conc	8030030	9.000	Ft
0110	Sidewalk Ramp, Conc, 7 inch	8030037	45.000	Sft
0120	Sidewalk, Conc, 4 inch	8030044	375.000	Sft
0130	_ Detectable Warning Surface, Modified	8037001	5.000	Ft
0140	Fence, Protective	8080007	80.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	145.000	Ft
0160	Rem Spec Mrkg	8110343	155.000	Sft
0170	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0180	Channelizing Device, 42 inch, Furn	8120030	35.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	35.000	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	20.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0250	Sign Cover	8120310	5.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	177.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	177.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
0290	_ Lawn Restoration, Hydroseed	8167011	500.000	Syd
0300	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0310	Cable Pole, TS, Disman	8190010	1.000	Ea
0320	Cable, Sec, Rem	8190017	200.000	Ft
0330	Conduit, DB, 1, 1 1/2 inch	8190027	230.000	Ft
0340	Conduit, DB, 1, 3 inch	8190029	170.000	Ft
0350	Conduit, DB, 3, 3 inch	8190035	35.000	Ft
0360	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0370	Hh, Round, 3 foot dia	8190259	1.000	Ea
0380	Hh, Round	8190260	3.000	Ea
0390	Cable, Sec, 600V, 1, 3/C#6	8190399	250.000	Ft
0400	Wood Pole, Rem	8190505	1.000	Ea
0410	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0420	Controller and Cabinet, Rem	8200030	1.000	Ea
0430	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0440	Controller Fdn, Base Mount	8200045	1.000	Ea
0450	Metered Serv, Rem	8200095	1.000	Ea
0460	Pedestal, Alum	8200100	8.000	Ea
0470	Pedestal, Fdn	8200105	8.000	Ea
0480	Pedestal Fdn, Rem	8200106	4.000	Ea
0490	Pedestal, Rem	8200110	4.000	Ea
0500	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0510	Push Button Station and Sign	8200128	8.000	Ea
0520	Serv Disconnect	8200135	1.000	Ea
0530	Span Wire	8200140	4.000	Ea
0540	Span Wire, Rem	8200141	2.000	Ea
0550	Span Wire Tether	8200142	4.000	Ea
0560	Guy, Rem	8200167	2.000	Ea
0570	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0580	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0590	Pedestrian Signal System, Accessible	8200240	1.000	Ea
0600	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0610	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
0620	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0630	Strain Pole Fdn, 6 Bolt	8200470	58.000	Ft
0640	Backplate, TS	8200501	8.000	Ea
0650	_ Opticom, Install Salv	8207050	2.000	Ea
0660	_ Opticom, Rem	8207050	2.000	Ea
0670	_ Street Name Sign Bracket Arm, 6 foot	8207050	2.000	Ea
0680	_ Street Name Sign Bracket Arm, 8 foot	8207050	2.000	Ea
0690	_ Street Name Sign, One Way (LED), 6 Foot	8207050	2.000	Ea
0700	_ Street Name Sign, One Way (LED), 8 Foot	8207050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 017**Letting Date:** August 9, 2019**Contract ID:** 14000-130772**Description:** 1.04 mi of hot mix asphalt cold milling and resurfacing with shoulders, signing and pavement markings on Redfield Street from Conrad Road to M-62, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130772A	1900810	N/A	STU 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	300.000	Ton
0030	Cold Milling HMA Surface	5010002	15,000.000	Syd
0040	HMA, 13A	5010033	1,692.000	Ton
0050	HMA Approach	5010061	40.000	Ton
0060	_ Railroad Protection, at Grade Crossing	8007060	2,000.000	Dlr
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,020.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,510.000	Ft
0090	Channelizing Device, 42 inch, Furn	8120030	58.000	Ea
0100	Channelizing Device, 42 inch, Oper	8120031	58.000	Ea
0110	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0120	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	4.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	4.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190809 018**Letting Date:** August 9, 2019**Contract ID:** 77000-207464

Description: 0.41 mi of hot mix asphalt cold milling and resurfacing, aggregate base, shoulder and pavement markings on Ravenswood Road from Range Road to Carolina Avenue in the city of Marysville, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207464A	1900869	N/A	HIPS 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,200.00	1500001	1.000	LSUM
0020	_ Subgrade Undercutting, Modified	2057021	50.000	Cyd
0030	_ Aggregate Base, 8 inch, Modified	3027011	280.000	Syd
0040	_ Approach, CI II, Modified	3077031	50.000	Ton
0050	_ Shoulder, CI II, Modified	3077031	50.000	Ton
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	Cold Milling HMA Surface	5010002	8,000.000	Syd
0080	HMA Surface, Rem	5010005	280.000	Syd
0090	Hand Patching	5010025	55.000	Ton
0100	HMA, LVSP	5010703	960.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,400.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,350.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0170	Channelizing Device, 42 inch, Furn	8120030	70.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	70.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0240	Sign Cover	8120310	1.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 190809 019

Letting Date: August 9, 2019

Contract ID: 14141-129847

Description: Application of centerline and edgeline pavement marking on various routes, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129847A	1900823	N/A	STL 14141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,900.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,001,750.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	523,400.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 190809 020

Letting Date: August 9, 2019

Contract ID: 63000-202987

Description: Traffic signals at 10 locations including mast arms, box spans, signal backplates, and countdown pedestrian signals along 12 Mile Road from Woodward Avenue (M-1) to Connecticut 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
202987A	1900912	N/A	CMG 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$193,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Curb and Gutter, Rem	2040020	1,220.000	Ft
0040	Fence, Rem	2040025	38.000	Ft
0050	Pavt, Rem	2040050	67.000	Syd
0060	Sidewalk, Rem	2040055	1,268.000	Syd
0070	_ Exploration for Utility Location	2047021	250.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	60.000	Cyd
0090	_ Excavation, Earth, RCOC	2057011	1,383.000	Syd
0100	_ Erosion Control, Silt Fence, RCOC	2087001	500.000	Ft
0110	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	31.000	Ea
0120	Subbase, CIP	3010002	70.000	Cyd
0130	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	868.000	Syd
0140	_ Public Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0150	HMA Surface, Rem	5010005	217.000	Syd
0160	Edge Trimming	5010009	1,518.000	Ft
0170	Hand Patching	5010025	201.000	Ton
0180	Lane Tie, Epoxy Anchored	6030030	154.000	Ea
0190	Pavt Repr, Nonreinf Conc, 9 inch	6030046	35.000	Syd
0200	Saw Cut, Intermediate	6030090	815.000	Ft
0210	Curb and Gutter, Conc, Det F3	8020037	278.000	Ft
0220	Curb and Gutter, Conc, Det F4	8020038	591.000	Ft
0230	Curb Ramp Opening, Conc	8030030	352.000	Ft
0240	Sidewalk Ramp, Conc, 4 inch	8030034	4,745.000	Sft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	5,822.000	Sft
0260	_ Detectable Warning Surface, RCOC	8037001	355.000	Ft
0270	Post, Steel, 3 lb	8100371	183.000	Ft

0280	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0290	Sign, Type III, Rem	8100403	34.000	Ea
0300	Mast Arm Pole, Cat III	8100512	12.000	Ea
0310	Mast Arm, 35 foot, Cat III	8100543	7.000	Ea
0320	Mast Arm, 40 foot, Cat III	8100544	5.000	Ea
0330	Mast Arm, 45 foot, Cat III	8100545	3.000	Ea
0340	Mast Arm, 50 foot, Cat III	8100546	1.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,445.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,164.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	742.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0390	Rem Spec Mrkg	8110343	7,079.000	Sft
0400	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
0450	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Block Wall, Salv, Reinstall	8157001	40.000	Ft
0500	_ Landscape Timbers, Treated	8157001	110.000	Ft
0510	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCO	8167011	1,087.000	Syd
0520	Cable Pole, Sec, Dismant	8190006	7.000	Ea
0530	Cable Pole, TS, Dismant	8190010	1.000	Ea
0540	Cable, Rem	8190016	325.000	Ft
0550	Cable, Sec, Rem	8190017	2,035.000	Ft
0560	Conduit, DB, 1, 1 1/4 inch	8190026	610.000	Ft
0570	Conduit, DB, 1, 3 inch	8190029	455.000	Ft
0580	Conduit, DB, 2, 3 inch	8190032	25.000	Ft
0590	Conduit, DB, 3, 3 inch	8190035	200.000	Ft
0600	Conduit, DB, 3, 4 inch	8190036	15.000	Ft
0610	Cable, Equipment Grounding Wire, 1/C#10	8190238	510.000	Ft
0620	Hh, Adj	8190244	4.000	Ea
0630	Hh, Polymer Conc	8190250	26.000	Ea
0640	Hh, Rem	8190254	11.000	Ea
0650	Hh, Round	8190260	45.000	Ea
0660	Luminaire, Rem	8190360	10.000	Ea
0670	Wood Pole, Fit Up, Sec Cable Pole	8190495	7.000	Ea
0680	Conduit, Directional Bore, 1, 3 inch	8190602	1,260.000	Ft
0690	Conduit, Directional Bore, 1, 4 inch	8190603	770.000	Ft
0700	Conduit, Directional Bore, 2, 4 inch	8190605	85.000	Ft
0710	_ Cable, P.J., 600V, 1, 3/C#12	8197001	1,475.000	Ft

0720	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	2,415.000	Ft
0730	_ Cable, St Ltg, 600V, 2, 1/C#2	8197001	110.000	Ft
0740	_ Cable, St Ltg, 600V, 2, 1/C#4	8197001	120.000	Ft
0750	_ Cable, St Ltg, 600V, 2, 1/C#6	8197001	280.000	Ft
0760	_ Conduit, DB, 1, 2 inch	8197001	205.000	Ft
0770	_ Hh, Square, RCOC	8197050	3.000	Ea
0780	_ Luminaire, LED, Royal Oak	8197050	21.000	Ea
0790	_ Street Lighting Contactor	8197050	3.000	Ea
0800	Case Sign, Rem	8200020	12.000	Ea
0810	Controller and Cabinet, Rem	8200030	10.000	Ea
0820	Controller Fdn, Base Mount	8200045	3.000	Ea
0830	Digital Loop Detector	8200055	5.000	Ea
0840	Fdn, Rem	8200065	24.000	Ea
0850	Pedestal, Alum	8200100	12.000	Ea
0860	Pedestal, Fdn	8200105	12.000	Ea
0870	Pedestal Fdn, Rem	8200106	13.000	Ea
0880	Pedestal, Rem	8200110	13.000	Ea
0890	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0900	Pushbutton and Sign	8200121	40.000	Ea
0910	Pushbutton, Rem	8200122	16.000	Ea
0920	Serv Disconnect	8200135	13.000	Ea
0930	Serv Disconnect, Rem	8200136	10.000	Ea
0940	Span Wire, Rem	8200141	10.000	Ea
0950	Steel Pole, Rem	8200145	24.000	Ea
0960	Traf Loop	8200170	8.000	Ea
0970	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
0980	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	23.000	Ea
0990	TS, Pedestrian, Pedestal Mtd, Rem	8200181	11.000	Ea
1000	TS, Span Wire Mtd, Rem	8200182	34.000	Ea
1010	TS, One Way Span Wire Mtd (LED)	8200313	24.000	Ea
1020	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1030	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1040	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	16.000	Ea
1050	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
1060	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
1070	TS, One Way Mast Arm Mtd (LED)	8200359	36.000	Ea
1080	TS, Two Way Mast Arm Mtd (LED)	8200361	2.000	Ea
1090	Wireless Vehicle Detection System	8200422	1.000	Ea
1100	Wireless Vehicle Sensor Node	8200425	2.000	Ea
1110	Wireless Vehicle Sensor Node, Rem	8200426	2.000	Ea
1120	Strain Pole, Steel, 6 bolt, 30 foot	8200460	12.000	Ea
1130	Strain Pole Fdn, 6 Bolt	8200470	168.000	Ft

1140	Casing	8200480	250.000	Ft
1150	_ Mast Arm Pole Fdn, RCOC	8207001	165.000	Ft
1160	_ Bracket Arm, 12 foot, RCOC	8207050	9.000	Ea
1170	_ Bracket Arm, 15 foot, RCOC	8207050	5.000	Ea
1180	_ Bracket Arm, 18 foot, RCOC	8207050	4.000	Ea
1190	_ Bracket Arm, 6 foot, RCOC	8207050	15.000	Ea
1200	_ Bracket Arm, Rem, RCOC	8207050	11.000	Ea
1210	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	26.000	Ea
1220	_ Controller and Cabinet, ITS Type, Delivered, Modified, RCOC	8207050	10.000	Ea
1230	_ Controller and Cabinet, ITS Type, Modified, RCOC	8207050	10.000	Ea
1240	_ Pushbutton Support Post, RCOC	8207050	18.000	Ea
1250	_ Span Wire, Box, RCOC	8207050	3.000	Ea
1260	_ Street Name Sign Bracket Arm, 10 foot, RCOC	8207050	5.000	Ea
1270	_ Street Name Sign Bracket Arm, 8 foot, RCOC	8207050	1.000	Ea
1280	_ Street Name Sign, One Way, 8 foot, RCOC	8207050	4.000	Ea
1290	_ Street Name Sign, Two Way, 6 foot, RCOC	8207050	2.000	Ea
1300	_ Street Name Sign, Two Way, 8 foot, RCOC	8207050	10.000	Ea
1310	_ Tether Wire, Box, RCOC	8207050	3.000	Ea
1320	_ Video Traf Detection Camera, Modified, RCOC	8207050	22.000	Ea
1330	_ Video Traf Detection Processor, Modified, RCOC	8207050	8.000	Ea
1340	_ Sprinkler Line	8237001	2,000.000	Ft
1350	_ Sprinkler Head, Relocate	8237050	50.000	Ea
1360	_ Sprinkler Head, Replace	8237050	50.000	Ea
1370	_ Valve Box, Adj, Case 1	8237050	2.000	Ea
1380	_ Water Shutoff, Adj, Case 2, RCOC	8237050	1.000	Ea



7/12/2019 9:29 AM

AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 021**Letting Date:** August 9, 2019**Contract ID:** 41000-130834

Description: 1.35 mi of hot mix asphalt cold milling and resurfacing, concrete, curb and ramps and pavement markings on Market Avenue SW from the I-196 westbound ramp to west of Plaster Creek and from Coit Avenue to Wealthy Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130834A	1900881	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$117,400.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	1,070.000	Syd
0030	_ Curb and Gutter, Rem, Modified	2047001	580.000	Ft
0040	_ Pavt, Rem, Modified	2047011	1,100.000	Syd
0050	_ Maching Grading, Modified	2057002	71.000	Sta
0060	_ Storm Water Operator's Inspections	2087050	45.000	Ea
0070	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0080	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0090	_ Aggregate Base, 6 inch, Modified	3027011	260.000	Syd
0100	Shoulder, CI II, 3 inch	3070125	1,400.000	Syd
0110	_ Dr Structure Cover, Special	4037030	18,700.000	Lb
0120	_ Dr Structure Cover, Adj, Special	4037050	31.000	Ea
0130	Cold Milling HMA Surface	5010002	37,000.000	Syd
0140	Hand Patching	5010025	50.000	Ton
0150	HMA, 4E10	5010052	2,500.000	Ton
0160	HMA, 5E10	5010058	2,500.000	Ton
0170	HMA, 4E10, High Stress	5010510	740.000	Ton
0180	HMA, 5E10, High Stress	5010516	740.000	Ton
0190	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0200	Curb and Gutter, Conc, Det B2	8020016	95.000	Ft
0210	Curb and Gutter, Conc, Det F4	8020038	125.000	Ft
0220	_ Curb and Gutter, Conc, Det P-5, Modified, 12 inch pan	8027001	100.000	Ft
0230	_ Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan	8027001	100.000	Ft
0240	_ Curb and Gutter, Conc, Det P-5, Modified, 24 inch pan	8027001	230.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	3,620.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	5,000.000	Sft

0270	Sidewalk, Conc, 6 inch	8030046	1,000.000	Sft
0280	_ Detectable Warning Surface, Modified	8037001	130.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,100.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	28,500.000	Ft
0310	Rem Spec Mrkg	8110343	250.000	Sft
0320	Recessing Pavt Mrkg, Longit	8110450	46,650.000	Ft
0330	Recessing Pavt Mrkg, Transv	8110451	17,800.000	Sft
0340	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	265.000	Ft
0350	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	28,500.000	Ft
0360	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	18,100.000	Ft
0370	_ Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Cross Hatching White	8117001	1,350.000	Ft
0380	_ Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Crosswalk	8117001	912.000	Ft
0390	_ Pavt Mrkg, Wet Retrflec Polyurea, 24 inch, Stop Bar	8117001	139.000	Ft
0400	_ Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Cross Hatching Yellow	8117001	56.000	Ft
0410	_ Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Crosswalk	8117001	536.000	Ft
0420	_ Pavt Mrkg, Preformed Thermopl, Bike Lane Green	8117010	1,160.000	Sft
0430	_ Pavt Mrkg, Preformed Thermoplastic, Bike Lane and Arrow Symbol	8117050	21.000	Ea
0440	_ Pavt Mrkg, Preformed Thermoplastic, Bike Large Sym	8117050	1.000	Ea
0450	_ Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Curb Yellow	8117050	194.000	Ea
0460	_ Pavt Mrkg, Wet Retrflec Polyurea, Rt or Lt Arrow Sym	8117050	4.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0480	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	350.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	350.000	Ea
0520	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0530	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,500.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,500.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0600	Sign Cover	8120310	8.000	Ea
0610	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0620	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM

0660	_ Dust Control	8127051	1.000	LSUM
0670	_ Turf Establishment	8167011	1,200.000	Syd
0680	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
0690	Hh, Round, 3 foot dia	8190259	1.000	Ea
0700	Pedestal, Alum, Salv	8200101	1.000	Ea
0710	Pushbutton, Rem	8200122	1.000	Ea
0720	Pushbutton and Sign, Salv	8200126	1.000	Ea
0730	Push Button Station and Sign	8200128	1.000	Ea
0740	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0750	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0760	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0770	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0780	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0790	_ Sign, Temporary Business, Operate	8207050	5.000	Ea
0800	Monument Preservation	8210010	1.000	Ea
0810	_ Valve Box, Adjust	8237050	16.000	Ea
0820	_ Valve Box, Furnish	8237050	16.000	Ea
0830	_ Underground Sprinkling Systems, Restore	8507060	1.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190809 022

Letting Date: August 9, 2019

Contract ID: 70000-205798

Description: 0.99 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalks and ramps and pavement markings on 120th Avenue from James Street to Riley Street, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205798A	1900911	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	110.000	Ft
0030	_ Sidewalk Ramp Grading	2057011	98.000	Syd
0040	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0050	Dr Structure, Temp Lowering	4030390	32.000	Ea
0060	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	33.000	Ea
0070	Cold Milling HMA Surface	5010002	32,260.000	Syd
0080	HMA, 5E3	5010057	3,705.000	Ton
0090	HMA Approach	5010061	21.000	Ton
0100	Detectable Warning Surface	8030010	71.000	Ft
0110	Curb Ramp Opening, Conc	8030030	110.000	Ft
0120	Sidewalk Ramp, Conc, 4 inch	8030034	875.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	165.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,220.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,530.000	Ft
0180	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0190	Channelizing Device, 42 inch, Furn	8120030	210.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	210.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,220.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,530.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	880.000	Ft

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,548.000	Ft
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Slope Restoration	8167011	20.000	Syd
0320	_ Gate Box, Adj	8237050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 023

Letting Date: August 9, 2019

Contract ID: 52000-133091

Description: Bridge replacement with precast three sided culvert and approach work on County Road FX over middle branch of the Escanaba River, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133091A	1900889	N/A	BO 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$86,900.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	280.000	Ft
0030	_ Building Removal	2047051	1.000	LSUM
0040	Embankment, CIP	2050010	1,404.000	Cyd
0050	Excavation, Earth	2050016	2,366.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,684.000	Ft
0070	Subbase, CIP	3010002	831.000	Cyd
0080	Aggregate Base, LM	3020002	94.000	Cyd
0090	Aggregate Base, 8 inch	3020020	1,925.000	Syd
0100	Culv, CI B, 12 inch	4010233	40.000	Ft
0110	HMA Surface, Rem	5010005	1,368.000	Syd
0120	HMA, 4E3	5010051	184.000	Ton
0130	HMA, 5E3	5010057	138.000	Ton
0140	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0150	Guardrail Reflector	8070080	40.000	Ea
0160	_ Guardrail Anchorage-Bridge, Nested Type	8077050	4.000	Ea
0170	Post, Steel, 3 lb	8100371	32.000	Ft
0180	Sign, Type IIIB	8100405	17.000	Sft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,293.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,293.000	Ft
0210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM

0290	Slope Restoration, Type C	8160102	996.000	Syd
0300	Monument Preservation	8210010	1.000	Ea

Section: 2

0310	Structures, Rem	2040060	1.000	LSUM
0320	Backfill, Structure, CIP	2060002	325.000	Cyd
0330	Excavation, Fdn	2060010	725.000	Cyd
0340	Erosion Control, Filter Bag	2080014	2.000	Ea
0350	Underdrain, Fdn, 4 inch	4040031	112.000	Ft
0360	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0370	_ Culv, Precast Three-Sided, Modified, 47 Foot by 7 Foot	4067001	32.000	Ft
0380	Cofferdams	7040007	1.000	LSUM
0390	Cofferdams, Left in Place	7040009	1.000	LSUM
0400	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0410	Pile, Steel, Furn and Driven, 12 inch	7050030	3,017.000	Ft
0420	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0430	Pile, Steel, Splice	7050050	56.000	Ea
0440	Conc, Grade T	7060013	130.000	Cyd
0450	Reinforcement, Steel, Epoxy Coated	7060092	3,846.000	Lb
0460	Substructure Conc	7060100	66.000	Cyd
0470	_ Bridge Railing, Guardrail Type	7117001	113.000	Ft
0480	Riprap, Heavy	8130005	207.000	Syd
0490	Riprap, Plain	8130010	19.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190809 024

Letting Date: August 9, 2019

Contract ID: 80012-206308

Description: Bridge rehabilitation including epoxy overlay, concrete pavement, railing replacement, substructure patching, guardrail and approach work on I-196 over Van Buren Trail, Van Buren County. This project includes a 5 year epoxy performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206308A	N/A	N/A	M 80012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Curb and Gutter, Rem	2040020	17.000	Ft
0040	Guardrail, Rem	2040035	5,042.000	Ft
0050	Pavt, Rem	2040050	746.000	Syd
0060	Embankment, CIP	2050010	89.000	Cyd
0070	Excavation, Earth	2050016	210.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0100	Erosion Control, Silt Fence	2080036	770.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base, 6 inch	3020016	776.000	Syd
0130	Shoulder, CI II, 6 inch	3070128	29.000	Syd
0140	Culv, Downspout, 12 inch	4010795	32.000	Ft
0150	Video Taping Sewer and Culv Pipe	4021275	32.000	Ft
0160	Joint, Expansion, E2	6020207	78.000	Ft
0170	Joint, Expansion, E3	6020208	222.000	Ft
0180	Joint, Expansion, E4	6020209	34.000	Ft
0190	Conc Quality Initiative	6020401	4,322.000	Dlr
0200	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	87.000	Syd
0210	Shoulder, Nonreinf Conc, High Performance	6020524	38.000	Syd
0220	Joint, Expansion, Erg	6030021	150.000	Ft
0230	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	4,000.000	Ft
0240	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	549.000	Syd
0250	Curb and Gutter, Bridge Approach	8020010	193.000	Ft
0260	Curb and Gutter, Conc, Det D1	8020030	30.000	Ft
0270	Guardrail, Type MGS-8	8070004	4,875.000	Ft

0280	Guardrail Anch, Bridge, Det T1	8070022	6.000	Ea
0290	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0300	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0310	Guardrail Reflector	8070080	100.000	Ea
0320	Delineator Reflector, Green	8100133	6.000	Ea
0330	Post, Rigid, Delineator	8100361	6.000	Ea
0340	Post, Steel, 3 lb	8100371	30.000	Ft
0350	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0360	Sign, Type II, Rem	8100397	2.000	Ea
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	544.000	Ft
0390	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	544.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	50.000	Ft
0410	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	191.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	150.000	Ft
0440	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	544.000	Ft
0450	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, Yellow	8110485	544.000	Ft
0460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0480	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0490	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0500	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0510	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0520	Conc Barrier, Temp, Adj	8120080	520.000	Ft
0530	Conc Barrier, Temp, Furn	8120081	520.000	Ft
0540	Conc Barrier, Temp, Oper	8120082	520.000	Ft
0550	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Pavt Mrkg Cover, Type R, Black	8120200	5,400.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,000.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,000.000	Ft
0610	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	150.000	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	1,228.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	1,228.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	18.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	18.000	Sft
0690	Slope Restoration, Type A	8160100	182.000	Syd
0700	Slope Restoration, Type B	8160101	190.000	Syd

0710	Slope Restoration, Type C	8160102	225.000	Syd
0720	Contractor Staking	8240001	1.000	LSUM
0730	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0740	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0750	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

Section: 2

0760	Reinforcement, Steel, Epoxy Coated	7060092	14,396.000	Lb
0770	_ Silane Treatment	7107010	7,894.000	Sft
0780	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
0790	Bridge Railing, Aesthetic, Type 4, Det 2, Modified, High Performance	7110061	768.000	Ft
0800	Hand Chipping, Other Than Deck	7120007	60.000	Cft
0810	Patch, Forming	7120017	240.000	Sft
0820	Epoxy Ovly, Rem	7120021	1,694.000	Syd
0830	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,740.000	Ea
0840	Structures, Rehabilitation, Rem Portions (R01-1 of 80012)	7120070	1.000	LSUM
0850	Structures, Rehabilitation, Rem Portions (R01-2 of 80012)	7120070	1.000	LSUM
0860	Bridge Joint, Revise Expansion Device	7120080	8.000	Ea
0870	Patching Conc, C-L	7120112	4.000	Cyd
0880	Embedded Galvanic Anode	7120120	240.000	Ea
0890	_ Priority 1, Epoxy Ovly, Warranty	7127011	1,984.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190809 025

Letting Date: August 9, 2019

Contract ID: 82000-202796

Description: 0.05 mi of Detroit Riverfront enhancements which include concrete sidewalk and ramp, seawall cap, lighting, fence, site furnishings and landscaping on the Detroit West Riverfront at Cummings Parcel, west of Joe Louis Arena in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202796A	1900971	N/A	TA 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	20,000.000	Dlr
0020	Mobilization, Max \$68,600.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.140	Acre
0040	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0060	Curb and Gutter, Rem	2040020	30.000	Ft
0070	Fence, Rem	2040025	550.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0090	Sidewalk, Rem	2040055	100.000	Syd
0100	Embankment, CIP	2050010	200.000	Cyd
0110	Excavation, Earth	2050016	300.000	Cyd
0120	Granular Material, CI II	2050023	52.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0140	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0150	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0160	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0180	Erosion Control, Silt Fence	2080036	450.000	Ft
0190	_ Erosion Control, Sediment Log	2087050	42.000	Ea
0200	Project Cleanup	2090001	1.000	LSUM
0210	Aggregate Base, 6 inch	3020016	800.000	Syd
0220	Geotextile, Separator (Non woven)	3080005	360.000	Syd
0230	Underdrain, Pipe, Open-Graded, 12 inch	4040049	330.000	Ft
0240	HMA Surface, Rem	5010005	1,125.000	Syd
0250	Conc, Grade D	7060010	29.000	Cyd
0260	Reinforcement, Steel, Epoxy Coated	7060092	1,260.000	Lb
0270	Hand Chipping, Shallow	7120003	42.000	Syd

0280	Curb and Gutter, Conc, Det F4	8020038	293.000	Ft
0290	_ Shoulder Gutter, Conc, Det 3, Modified	8027050	5.000	Ea
0300	Sidewalk, Conc, 6 inch	8030046	6,095.000	Sft
0310	_ Sidewalk, Conc, 6 inch, Decorative	8037010	875.000	Sft
0320	Fence, Temp (Chain Link)	8080004	400.000	Ft
0330	Fence, Chain Link, 72 inch	8080013	496.000	Ft
0340	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	1.000	Ea
0350	_ Decorative Fence, 72 inch	8087001	390.000	Ft
0360	_ Decorative Fence, 96 inch	8087001	245.000	Ft
0370	_ Marine Railing, Stainless Steel	8087001	250.000	Ft
0380	_ Decorative Fence Gate, 4 foot, 72 inch	8087050	1.000	Ea
0390	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	112.000	Ft
0400	Rem Spec Mrkg	8110343	100.000	Sft
0410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0430	Pedestrian Type II Channelizer, Temp	8120027	400.000	Ft
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0490	Site Preparation, Max \$5,500.00	8150001	1.000	LSUM
0500	Watering and Cultivating, First Season, Min \$2,700.00	8150002	1.000	LSUM
0510	Watering and Cultivating, Second Season, Min \$3,300.00	8150003	1.000	LSUM
0520	Amelanchier x grandifolia Autumn Brilliance, #7 cont.	8150332	6.000	Ea
0530	Aronia melanocarpa Autumn Magic, #5 cont.	8150362	14.000	Ea
0540	Clethra alnifolia Hummingbird, #2 cont.	8150862	15.000	Ea
0550	Coreopsis verticillata Zagreb, 4 inch pot	8150902	15.000	Ea
0560	Cornus sericea, #5 cont.	8151064	24.000	Ea
0570	Hydrangea paniculata Unique, #5 cont.	8151806	30.000	Ea
0580	Ilex glabra Compacta, #3 cont.	8151834	14.000	Ea
0590	Juniperus chinensis Sea Green, #5 cont.	8151942	3.000	Ea
0600	Nepeta x faassenii Walkers Low, #1 cont.	8152496	41.000	Ea
0610	Pennisetum alopecuroides Hameln, #1 cont.	8152639	42.000	Ea
0620	Quercus imbricaria, 2 inch	8153072	5.000	Ea
0630	Rhus aromatica Gro-Low, #3 cont.	8153167	7.000	Ea
0640	Taxus x media Wardii, 36 inch	8153794	18.000	Ea
0650	Viburnum x juddii, #5 cont.	8154185	3.000	Ea
0660	_ Bench	8157050	6.000	Ea
0670	_ Trash Receptacle	8157050	2.000	Ea
0680	Sodding	8160055	310.000	Syd
0690	Topsoil Surface, Furn, 4 inch	8160062	360.000	Syd
0700	_ Mulch, Shredded Bark	8167011	395.000	Syd

0710	Conduit, Galv Steel, 2 inch	8190108	150.000	Ft
0720	Conduit, Schedule 40, 1 1/2 inch	8190146	50.000	Ft
0730	Conduit, Schedule 40, 2 inch	8190147	325.000	Ft
0740	Conduit, Schedule 40, 3 inch	8190149	750.000	Ft
0750	DB Cable, in Conduit, 600V, 1/C#10	8190213	1,380.000	Ft
0760	Cable, Equipment Grounding Wire, 1/C#10	8190238	275.000	Ft
0770	Hh, Light Duty Cover	8190248	9.000	Ea
0780	Light Std Fdn	8190279	4.000	Ea
0790	Light Std Fdn, Rem	8190280	1.000	Ea
0800	Light Std Shaft, Rem	8190305	1.000	Ea
0810	Luminaire, Rem	8190360	1.000	Ea
0820	_ Emergency Phone Tower with Security Camera	8197050	2.000	Ea
0830	_ Luminaire Pole, Type D	8197050	4.000	Ea
0840	_ Luminaire, LED, Type D	8197050	4.000	Ea
0850	Metered Serv, Rem	8200095	1.000	Ea
0860	Power Co. (Est. Cost to Contractor)	8200116	50,000.000	Dlr
0870	Serv Disconnect, Salv	8200138	1.000	Ea
0880	Contractor Staking, Road Only	8240007	1.000	LSUM
0890	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0900	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0910	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
0920	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	110.000	Ft
0930	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	475.000	Ft



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 026**Letting Date:** August 9, 2019**Contract ID:** 70023-123859-2**Description:** 0.37 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, drainage, signals and pavement markings on I-196BL at 112th Avenue, Ottawa County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
123859A	1900771	N/A	HSIP 70023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	590.000	Ft
0040	Pavt, Rem	2040050	1,435.000	Syd
0050	Sidewalk, Rem	2040055	51.000	Syd
0060	Ditch Cleanout	2050006	5.000	Sta
0070	Excavation, Earth	2050016	1,913.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0100	_ Embankment, CIP, Special	2057021	337.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0140	Erosion Control, Sediment Trap	2080034	3.000	Ea
0150	Erosion Control, Silt Fence	2080036	455.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	1,224.000	Cyd
0180	Aggregate Base, 6 inch	3020016	6,603.000	Syd
0190	Shoulder, CI II, 6 inch	3070128	643.000	Syd
0200	Culv End Sect, 15 inch	4010015	2.000	Ea
0210	Culv End Sect, 18 inch	4010018	2.000	Ea
0220	Culv, CI E, 18 inch	4010541	180.000	Ft
0230	Sewer, CI E, 15 inch, Tr Det D	4020661	97.000	Ft
0240	Sewer Tap, 15 inch	4021205	1.000	Ea
0250	Trench Undercut and Backfill	4021260	50.000	Cyd
0260	Video Taping Sewer and Culv Pipe	4021275	460.000	Ft
0270	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea

0280	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0290	Dr Structure Cover, Type J	4030045	1.000	Ea
0300	Dr Structure, 24 inch dia	4030200	1.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0320	Underdrain, Subbase, 6 inch	4040063	1,328.000	Ft
0330	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0340	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0350	HMA Surface, Rem	5010005	4,829.000	Syd
0360	HMA Quality Initiative	5010007	3,976.000	Dlr
0370	Hand Patching	5010025	20.000	Ton
0380	HMA Approach	5010061	710.000	Ton
0390	HMA Approach, High Stress	5010520	1,258.000	Ton
0400	Conc Pavt, Nonreinf, 9 inch	6020106	49.000	Syd
0410	Conc Quality Initiative	6020401	89.000	Dlr
0420	Curb, Conc, Det E2	8020002	26.000	Ft
0430	Curb and Gutter, Conc, Det B2	8020016	669.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	186.000	Ft
0450	Detectable Warning Surface	8030010	24.000	Ft
0460	Curb Ramp Opening, Conc	8030030	32.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	54.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	740.000	Sft
0490	Post, Mailbox	8070095	2.000	Ea
0500	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	3.000	Ea
0510	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	8.000	Ea
0520	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	6.000	Ea
0530	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
0540	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea
0550	Delineator, Rem	8100349	14.000	Ea
0560	Post, Rigid, Delineator	8100361	21.000	Ea
0570	Post, Steel, 3 lb	8100371	660.000	Ft
0580	Post, Wood, 4 inch by 6 inch	8100380	310.000	Ft
0590	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0600	Sign, Type II, Rem	8100397	3.000	Ea
0610	Sign, Type IIA	8100398	222.000	Sft
0620	Sign, Type IIB	8100399	17.000	Sft
0630	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0640	Sign, Type III, Rem	8100403	8.000	Ea
0650	Sign, Type IIIA	8100404	115.000	Sft
0660	Sign, Type IIIB	8100405	120.000	Sft
0670	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	212.000	Ft

0710	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	54.000	Ft
0720	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	173.000	Ft
0730	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	154.000	Ft
0740	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,529.000	Ft
0750	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,101.000	Ft
0760	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,893.000	Ft
0770	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,796.000	Ft
0780	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,529.000	Ft
0790	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,101.000	Ft
0800	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,893.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,796.000	Ft
0820	Rem Spec Mrkg	8110343	140.000	Sft
0830	Recessing Pavt Mrkg, Longit	8110450	12,319.000	Ft
0840	Recessing Pavt Mrkg, Transv	8110451	461.000	Sft
0850	Recessing Pavt Mrkg, Guide Line	8110453	74.000	Ft
0860	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0870	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0880	Minor Traf Devices	8120170	1.000	LSUM
0890	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0900	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	61.000	Ft
0910	Plastic Drum, Fluorescent, Furn	8120252	77.000	Ea
0920	Plastic Drum, Fluorescent, Oper	8120253	77.000	Ea
0930	Sign Cover	8120310	2.000	Ea
0940	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0950	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0960	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0970	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	880.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	880.000	Sft
1000	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	244.000	Sft
1010	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	244.000	Sft
1020	Slope Restoration, Type A	8160100	1,206.000	Syd
1030	Slope Restoration, Type B	8160101	3,353.000	Syd
1040	Cable Pole, TS, Dismant	8190010	1.000	Ea
1050	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
1060	Conduit, DB, 3, 3 inch	8190035	10.000	Ft
1070	Conduit, Directional Bore, 3 inch	8190044	75.000	Ft
1080	Conduit, Rem	8190140	80.000	Ft
1090	Hh, Rem	8190254	3.000	Ea
1100	Hh, Round	8190260	3.000	Ea
1110	Case Sign, Rem	8200020	1.000	Ea
1120	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
1130	Pedestal, Alum	8200100	2.000	Ea

1140	Pedestal, Fdn	8200105	4.000	Ea
1150	Pedestal Fdn, Rem	8200106	4.000	Ea
1160	Pushbutton, Rem	8200122	6.000	Ea
1170	Pushbutton Pedestal, Alum	8200123	2.000	Ea
1180	Pushbutton Pedestal, Rem	8200124	4.000	Ea
1190	Pushbutton and Sign, Salv	8200126	4.000	Ea
1200	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1210	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1220	TS, One Way Span Wire Mtd	8200190	1.000	Ea
1230	TS, Pedestrian, One Way Bracket Arm Mtd, Salv	8200226	2.000	Ea
1240	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1250	Wireless Vehicle Sensor Node, Rem	8200426	15.000	Ea
1260	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
1270	Contractor Staking, Road Only	8240007	1.000	LSUM
1280	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
1290	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1300	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 027**Letting Date:** August 9, 2019**Contract ID:** 70023-207917**Description:** 4.62 mi of full-depth concrete pavement repairs on I-196BL from Waverly Road east to I-196 in the cities of Holland and Zeeland, Ottawa County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207917A	1900977	N/A	ST 70023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,300.00	1500001	1.000	LSUM
0020	Joint, Contraction, Cp	6020200	120.000	Ft
0030	Cement	6030005	24.000	Ton
0040	Joint, Contraction, Crg	6030020	1,000.000	Ft
0050	Joint, Expansion, Erg	6030021	280.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0070	Non-Chloride Accelerator	6030035	140.000	Gal
0080	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,200.000	Syd
0090	Pavt Repr, Rem	6030080	1,200.000	Syd
0100	Saw Cut, Intermediate	6030090	460.000	Ft
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	938.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	938.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	880.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	880.000	Sft
0200	Wireless Vehicle Sensor Node, Salv	8200427	10.000	Ea
0210	Contractor Staking, Road Only	8240007	1.000	LSUM
0220	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0230	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0240	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 028**Letting Date:** August 9, 2019**Contract ID:** 05011-207851

Description: 5.20 mi of hot mix asphalt cold milling, resurfacing, pavement repairs, corrugations, delineators, and pavement markings on US-31 from north of Campbell Road to north of Barnes Road, Antrim County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207851A	1900987	N/A	NH 05011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$151,800.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	80.000	Ton
0030	Shoulder, CI II	3070121	3,000.000	Ton
0040	Cold Milling HMA Surface	5010002	99,300.000	Syd
0050	HMA Quality Initiative	5010007	25,000.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	29,750.000	Dlr
0070	Hand Patching	5010025	1,800.000	Ton
0080	HMA, 4E1	5010050	10,100.000	Ton
0090	HMA Approach	5010061	600.000	Ton
0100	Delineator Reflector, White	8100134	350.000	Ea
0110	Post, Rigid, Delineator	8100361	175.000	Ea
0120	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	9,600.000	Ft
0130	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	53,500.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,600.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	53,500.000	Ft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	1,925.000	Ft
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0240	Sign Cover	8120310	10.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,088.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,088.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Monument Box	8210001	11.000	Ea
0290	Monument Box Adjust	8210005	2.000	Ea
0300	Monument Preservation	8210010	11.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	24,500.000	Ft
0320	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	50,100.000	Ft
0330	Contractor Staking, Road Only	8240007	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 029**Letting Date:** August 9, 2019**Contract ID:** 71073-110091**Description:** Non-freeway signing upgrade along US-23, Iosco, Alcona, Alpena and Presque Isle Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
110091A	1900960	N/A	STG 71073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,200.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	87.000	Ea
0030	Delineator Reflector, White	8100134	78.000	Ea
0040	Fdn, Wood Support, Rem	8100280	680.000	Ea
0050	Installing MDOT Supplied Sign, Type III	8100302	109.000	Ea
0060	Post Hole Through Conc for Steel Post	8100340	41.000	Ea
0070	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0080	Delineator, Rem	8100349	3.000	Ea
0090	Post, Rigid, Delineator	8100361	78.000	Ea
0100	Post, Steel, 3 lb	8100371	46,785.000	Ft
0110	Post, Wood, 4 inch by 6 inch	8100380	4,306.000	Ft
0120	Post, Wood, 6 inch by 8 inch	8100382	2,533.000	Ft
0130	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0140	Sign, Type II, Rem	8100397	491.000	Ea
0150	Sign, Type IIA	8100398	4,742.000	Sft
0160	Sign, Type IIB	8100399	36.000	Sft
0170	Sign, Type III, Erect, Salv	8100402	80.000	Ea
0180	Sign, Type III, Rem	8100403	2,454.000	Ea
0190	Sign, Type IIIA	8100404	4,683.000	Sft
0200	Sign, Type IIIB	8100405	9,316.000	Sft
0210	Sign, Type V, Rem	8100421	28.000	Ea
0220	Sign, Type VA	8100424	84.000	Sft
0230	Sign, Type VB	8100425	1,229.000	Sft
0240	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
0250	Reflective Panel for Permanent Sign Support, 6 foot	8100616	705.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Mobile Attenuator	8120180	4.000	Ea
0320	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0340	Sign Cover	8120310	20.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	3,600.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	3,600.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Contractor Staking, Road Only	8240007	1.000	LSUM
0390	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0400	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0410	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 030**Letting Date:** August 9, 2019**Contract ID:** 50000-205898

Description: 1.00 mi of concrete pavement reconstruction, concrete driveway, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on Little Mack Avenue from 12 Mile Road to 13 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205898A	1900897	N/A	EDCF 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	25,000.000	Dlr
0020	Mobilization, Max \$449,800.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	48.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,752.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Pavt, Rem	2040050	43,500.000	Syd
0070	Sidewalk, Rem	2040055	650.000	Syd
0080	Exploratory Investigation, Vertical	2040080	10.000	Ft
0090	_ Station Grading	2057002	53.000	Sta
0100	_ Subgrade Undercutting, Modified	2057021	200.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	52.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base, 6 inch	3020016	1,500.000	Syd
0140	Aggregate Base, 8 inch	3020020	38,250.000	Syd
0150	Maintenance Gravel	3060020	500.000	Ton
0160	Geotextile, Separator	3080005	38,250.000	Syd
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,540.000	Ft
0180	Sewer Bulkhead, 12 inch	4021230	12.000	Ea
0190	Sewer Bulkhead, 18 inch	4021232	4.000	Ea
0200	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0210	Trench Undercut and Backfill	4021260	50.000	Cyd
0220	Video Taping Sewer and Culv Pipe	4021275	1,540.000	Ft
0230	_ External Structure Wrap, 18 inch	4027050	23.000	Ea
0240	_ Sewer Bulkhead, 12 inch, Temp	4027050	2.000	Ea
0250	Dr Structure Cover, Adj, Case 1	4030005	52.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0270	Dr Structure Cover, Type B	4030010	6.000	Ea

0280	Dr Structure, 48 inch dia	4030210	39.000	Ea
0290	Dr Structure, Adj, Add Depth	4030280	94.000	Ft
0300	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	19.000	Ea
0320	_ Catch Basin Cover, Roseville	4037050	35.000	Ea
0330	_ Dr Structure, 36 inch dia	4037050	3.000	Ea
0340	_ San Cleanout, Adj, Case 2	4037050	1.000	Ea
0350	_ Sanitary Manhole Cover, Roseville	4037050	21.000	Ea
0360	_ Storm Manhole Cover, MCPWO	4037050	21.000	Ea
0370	_ Storm Manhole Cover, Roseville	4037050	13.000	Ea
0380	Underdrain, Subgrade, 6 inch	4040073	10,500.000	Ft
0390	HMA Surface, Rem	5010005	350.000	Syd
0400	Joint and Crack, Cleanout	5010015	100.000	Ft
0410	Hand Patching	5010025	150.000	Ton
0420	HMA, 5E3	5010057	20.000	Ton
0430	HMA, Temp Pavt (3E3)	5010804	625.000	Ton
0440	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	4,000.000	Ft
0450	Conc Pavt, Nonreinf, 8 inch	6020104	825.000	Syd
0460	Conc Pavt, Nonreinf, 10 inch	6020108	33,350.000	Syd
0470	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	290.000	Syd
0480	Conc Pavt with Integral Curb, Nonreinf, 10 inch	6020168	620.000	Syd
0490	Joint, Contraction, Cp	6020200	21,000.000	Ft
0500	Joint, Expansion, E2	6020207	900.000	Ft
0510	Joint, Expansion, E3	6020208	60.000	Ft
0520	Joint, Plane-of-Weakness, W	6020211	1,000.000	Ft
0530	Pavt Gapping	6020215	1,000.000	Ft
0540	Joint, Contraction Cp, Intersection	6020250	1,000.000	Ft
0550	Joint, Plane-of-Weakness W, Intersection	6020310	3,000.000	Ft
0560	Joint, Contraction, Crg	6030020	250.000	Ft
0570	Joint, Expansion, Erg	6030021	250.000	Ft
0580	Lane Tie, Epoxy Anchored	6030030	400.000	Ea
0590	Non-Chloride Accelerator	6030035	40.000	Gal
0600	Driveway, Nonreinf Conc, 6 inch	8010005	1,050.000	Syd
0610	Driveway, Nonreinf Conc, 8 inch	8010007	4,000.000	Syd
0620	Curb and Gutter, Conc, Det F5	8020039	7,050.000	Ft
0630	Driveway Opening, Conc, Det M	8020050	3,500.000	Ft
0640	Detectable Warning Surface	8030010	160.000	Ft
0650	Curb Ramp Opening, Conc	8030030	270.000	Ft
0660	Sidewalk Ramp, Conc, 4 inch	8030034	1,275.000	Sft
0670	Sidewalk, Conc, 4 inch	8030044	2,950.000	Sft
0680	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0690	_ Sidewalk Ramp, Conc, 8 inch	8037010	1,950.000	Sft
0700	_ Sidewalk, Conc, 8 inch	8037010	4,100.000	Sft
0710	Post, Mailbox	8070095	63.000	Ea
0720	Band, Sign	8100010	6.000	Ea

0730	Post, Steel, 3 lb	8100371	551.000	Ft
0740	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
0750	Sign, Type II, Rem	8100397	1.000	Ea
0760	Sign, Type IIB	8100399	37.000	Sft
0770	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0780	Sign, Type III, Rem	8100403	83.000	Ea
0790	Sign, Type IIIA	8100404	44.000	Sft
0800	Sign, Type IIIB	8100405	190.000	Sft
0810	_ Sign, Type IIIA, Special	8107010	67.000	Sft
0820	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,585.000	Ft
0830	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,220.000	Ft
0840	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,585.000	Ft
0850	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,220.000	Ft
0860	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	16,506.000	Ft
0870	Rem Curing Compound, for Spec Mrkg	8110321	868.000	Sft
0880	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	492.000	Ft
0890	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	77.000	Ft
0900	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	492.000	Ft
0910	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	77.000	Ft
0920	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn Arrow Sym	8117050	3.000	Ea
0930	_ Pavt Mrkg, Waterborne, 2nd Application, Rt Turn Arrow Sym	8117050	2.000	Ea
0940	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	3.000	Ea
0950	_ Pavt Mrkg, Waterborne, Rt Arrow, Sym	8117050	2.000	Ea
0960	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0970	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0980	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0990	Pedestrian Type II Channelizer, Temp	8120027	500.000	Ft
1000	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
1010	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
1020	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1030	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1040	Minor Traf Devices	8120170	1.000	LSUM
1050	Part Width Intersection Construction	8120190	4.000	Ea
1060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,500.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	11,000.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,750.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	16,200.000	Ft
1100	Plastic Drum, High Intensity, Furn	8120250	240.000	Ea
1110	Plastic Drum, High Intensity, Oper	8120251	240.000	Ea

1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
1130	Sign Cover	8120310	5.000	Ea
1140	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1150	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1160	Sign, Type A, Temp, Prismatic, Furn	8120340	85.000	Sft
1170	Sign, Type A, Temp, Prismatic, Oper	8120341	85.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	1,195.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,195.000	Sft
1200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	102.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	102.000	Sft
1220	Traf Regulator Control	8120370	1.000	LSUM
1230	_ Bus Stop, Temp	8127050	10.000	Ea
1240	_ Driveway Maintenance	8127050	28.000	Ea
1250	_ Intersection Maintenance	8127050	8.000	Ea
1260	Topsoil Surface, Furn, 3 inch	8160061	10,000.000	Syd
1270	Water, Sodding/Seeding	8160090	540.000	Unit
1280	_ Hydroseeding	8167011	10,000.000	Syd
1290	Cable Pole, TS, Dismant	8190010	2.000	Ea
1300	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
1310	Hh, Adj	8190244	1.000	Ea
1320	Wood Pole, Rem	8190505	1.000	Ea
1330	Case Sign, Rem	8200020	1.000	Ea
1340	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
1350	Pedestal, Alum	8200100	2.000	Ea
1360	Pedestal, Fdn	8200105	3.000	Ea
1370	Pushbutton and Sign	8200121	2.000	Ea
1380	Pushbutton Pedestal, Alum	8200123	1.000	Ea
1390	Span Wire, Rem	8200141	4.000	Ea
1400	Warning Sign, Rem	8200261	2.000	Ea
1410	TS Head, Temp	8200453	8.000	Ea
1420	Junction Box, Rem	8200457	2.000	Ea
1430	TS Face, Bag	8200458	16.000	Ea
1440	TS Face, Bag, Rem	8200459	16.000	Ea
1450	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	2.000	Ea
1460	Monument Box	8210001	1.000	Ea
1470	_ Gate Well Cover, Adj, Case 1	8237050	6.000	Ea
1480	_ Gate Well Cover, Adj, Case 2	8237050	4.000	Ea
1490	_ Gate Well Cover, Roseville	8237050	10.000	Ea
1500	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM
1510	_ Rubbish Pickup	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190809 031**Letting Date:** August 9, 2019**Contract ID:** 82000-203523

Description: 3.18 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk and ramps, signing and pavement markings on Jefferson Avenue from Ecorse River Bridge to Outer Drive and from Outer Drive to River Rouge Bridge in the cities of Ecorse and River Rouge, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203523A	1900902	N/A	STU 82000
204956A	1900932	N/A	TAU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$288,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,043.000	Ft
0030	Pavt, Rem	2040050	835.000	Syd
0040	Sidewalk, Rem	2040055	1,995.000	Syd
0050	_ Misc Pavt, Rem, Patching	2047011	3,300.000	Syd
0060	_ Misc Obstruction, Rem	2047021	15.000	Cyd
0070	Excavation, Earth	2050016	395.000	Cyd
0080	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0110	Project Cleanup	2090001	1.000	LSUM
0120	Subbase, CIP	3010002	10.000	Cyd
0130	Aggregate Base, 4 inch	3020010	1,100.000	Syd
0140	_ Aggregate Base, 12 inch, Modified	3027011	871.000	Syd
0150	Maintenance Gravel	3060020	200.000	Ton
0160	Geotextile, Stabilization	3080010	871.000	Syd
0170	Dr Structure, Cleaning	4030290	40.000	Ea
0180	Dr Structure, Temp Lowering	4030390	55.000	Ea
0190	_ Misc Structure Reconstruct	4037001	51.000	Ft
0200	_ Misc San Structure Cover, Adj	4037050	16.000	Ea
0210	_ Misc Structure Cover, Adj	4037050	62.000	Ea
0220	_ Misc Structure Cover, Adj, Furn Cover A	4037050	13.000	Ea
0230	_ Misc Structure Cover, Adj, Furn Cover S	4037050	13.000	Ea
0240	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0250	_ Misc Underdrain Trench Lining	4047001	234.000	Ft
0260	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	234.000	Ft

0270	Cold Milling HMA Surface	5010002	55,825.000	Syd
0280	HMA Surface, Rem	5010005	110.000	Syd
0290	Pavt for Butt Joints, Rem	5010008	217.000	Syd
0300	_ Misc Bit Mixture For Patching, Temp	5017031	50.000	Ton
0310	_ Misc Conditioning Existing Pavement	5017031	450.000	Ton
0320	_ Misc HMA, 4E10	5017031	5,671.000	Ton
0330	_ Misc HMA, 5E10	5017031	4,929.000	Ton
0340	_ Misc HMA, Hand Patching	5017031	10.000	Ton
0350	_ Misc HMA, Wedge	5017031	275.000	Ton
0360	Joint, Contraction, Cp	6020200	777.000	Ft
0370	Joint, Expansion, E2	6020207	379.000	Ft
0380	Joint, Expansion, E3	6020208	124.000	Ft
0390	Conc Pavt, Bridge Approach, Reinf	6020600	256.000	Syd
0400	_ Misc Cold Weather Protection, Conc Pavt	6027011	167.000	Syd
0410	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	579.000	Syd
0420	_ Misc Pavt Repr, Nonreinf Conc, Patching	6027011	3,300.000	Syd
0430	Joint, Contraction, Crg	6030020	148.000	Ft
0440	Lane Tie, Epoxy Anchored	6030030	707.000	Ea
0450	Curb and Gutter, Conc, Det F5	8020039	60.000	Ft
0460	_ Misc Conc Curb Cap	8027001	1,948.000	Ft
0470	_ Misc Conc Curb Cap, Patching	8027001	1,461.000	Ft
0480	Detectable Warning Surface	8030010	573.000	Ft
0490	Curb Ramp Opening, Conc	8030030	593.000	Ft
0500	Sidewalk Ramp, Conc, 4 inch	8030034	12,298.000	Sft
0510	Sidewalk, Conc, 4 inch	8030044	1,534.000	Sft
0520	_ Sidewalk Ramp, Conc, 8 inch	8037010	6,269.000	Sft
0530	_ Misc Field Office	8097043	5.000	Mo
0540	Sign, Type III, Rem	8100403	6.000	Ea
0550	_ Misc Sign, Type B, Perm	8107010	1,053.000	Sft
0560	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	764.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	392.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	6.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Bus	8110059	30.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	30.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	4.000	Ea
0640	Pavt Mrkg, Polyurea, 4 inch, White	8110091	7,250.000	Ft
0650	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	27,200.000	Ft
0660	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,350.000	Ft
0670	Pavt Mrkg, Polyurea, 6 inch, White	8110094	53,950.000	Ft
0680	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	168.000	Ea
0690	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	168.000	Ea
0700	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,516.000	Ft
0710	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,375.000	Ft

0720	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,310.000	Ft
0730	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,748.000	Ft
0740	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	476.000	Ft
0750	Rem Spec Mrkg	8110343	9,150.000	Sft
0760	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	4,117.000	Ft
0770	_ Pavt Mrkg, Polyurea, 6 inch Cross Hatching, White	8117001	9,640.000	Ft
0780	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	30,025.000	Sft
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0810	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0820	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0830	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0850	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,500.000	Ft
0860	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	800.000	Ft
0870	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	200.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	800.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0900	Plastic Drum, High Intensity, Furn	8120250	950.000	Ea
0910	Plastic Drum, High Intensity, Oper	8120251	950.000	Ea
0920	Sign Cover	8120310	12.000	Ea
0930	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0940	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0950	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	72.000	Sft
0960	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	72.000	Sft
0970	Traf Regulator Control	8120370	1.000	LSUM
0980	Topsoil Surface, Furn, 2 inch	8160060	2,250.000	Syd
0990	Water, Sodding/Seeding	8160090	200.000	Unit
1000	_ Sodding, Modified	8167011	2,251.000	Syd
1010	Monument Box	8210001	2.000	Ea
1020	Monument Box Adjust	8210005	4.000	Ea
1030	Monument Preservation	8210010	4.000	Ea
1040	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1050	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
1060	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1070	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr
1080	_ Contractor Staking, Modified	8247051	1.000	LSUM
1090	_ Railroad Protection, at Grade Crossing	8507060	14,350.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190809 032

Letting Date: August 9, 2019

Contract ID: 82000-203638

Description: Bridge replacement with a three sided concrete box culvert, drainage, riprap, guardrail, approach work and pavement markings on Allen Road over Brownstown Creek, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203638A	1900918	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$177,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.400	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0050	_ Abandon Utility, Rem, 12 inch	2037001	250.000	Ft
0060	Curb and Gutter, Rem	2040020	200.000	Ft
0070	Guardrail, Rem	2040035	339.000	Ft
0080	Pavt, Rem	2040050	2,115.000	Syd
0090	Sidewalk, Rem	2040055	200.000	Syd
0100	_ Misc Culvert Cleanout	2047001	100.000	Ft
0110	_ Misc Pavt, Rem, Patching	2047011	375.000	Syd
0120	_ Misc Obstruction, Rem	2047021	8.000	Cyd
0130	Excavation, Earth	2050016	50.000	Cyd
0140	_ Ditch Cleanout, Modified	2057002	5.000	Sta
0150	_ Embankment, CIP, Modified	2057021	540.000	Cyd
0160	_ Misc Subgrade Undercutting, Type IV	2057021	100.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	8.000	Ft
0180	Erosion Control, Filter Bag	2080014	2.000	Ea
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	7.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	1.000	Ea
0220	Erosion Control, Silt Fence	2080036	910.000	Ft
0230	_ Misc Erosion Control, Stone Filter at Structure	2087050	10.000	Ea
0240	Project Cleanup	2090001	1.000	LSUM
0250	_ Aggregate Base, 6 inch, Modified	3027011	44.000	Syd
0260	_ Aggregate Base, 9 inch, Modified	3027011	1,700.000	Syd
0270	_ Shoulder, CI I, 2 inch, Modified	3077011	1,042.000	Syd

0280	_ Shoulder, CI I, 6 inch, Modified	3077011	225.000	Syd
0290	Dr Structure, Cleaning	4030290	14.000	Ea
0300	_ Misc Structure Reconstruct	4037001	20.000	Ft
0310	_ Misc San Structure Cover, Adj	4037050	1.000	Ea
0320	_ Misc Structure Cover, Adj	4037050	10.000	Ea
0330	_ Misc Structure Cover, Adj, Furn Cover S	4037050	3.000	Ea
0340	_ Underdrain, Subgrade, 6 inch, Modified	4047001	120.000	Ft
0350	Cold Milling HMA Surface	5010002	24,907.000	Syd
0360	Pavt for Butt Joints, Rem	5010008	165.000	Syd
0370	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0380	_ Misc Conditioning Existing Pavement	5017031	250.000	Ton
0390	_ Misc HMA, 4E10	5017031	2,397.000	Ton
0400	_ Misc HMA, 5E10	5017031	2,178.000	Ton
0410	Joint, Contraction, Cp	6020200	872.000	Ft
0420	Joint, Expansion, E2	6020207	23.000	Ft
0430	_ Misc Cold Weather Protection, Conc Pavt	6027011	1,624.000	Syd
0440	_ Misc Conc Pavt, Nonreinf, 10 inch	6027011	1,096.000	Syd
0450	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	153.000	Syd
0460	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0470	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	375.000	Syd
0480	_ Misc Conc Curb Cap	8027001	250.000	Ft
0490	_ Misc Conc Curb Cap, Patching	8027001	100.000	Ft
0500	Detectable Warning Surface	8030010	130.000	Ft
0510	Curb Ramp Opening, Conc	8030030	150.000	Ft
0520	Sidewalk Ramp, Conc, 4 inch	8030034	965.000	Sft
0530	_ Sidewalk Ramp, Conc, 8 inch	8037010	200.000	Sft
0540	Guardrail, Type MGS-8	8070004	435.000	Ft
0550	Guardrail, Curved, Type B	8070010	25.000	Ft
0560	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0570	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0580	Guardrail Post, Culv	8070070	20.000	Ea
0590	Guardrail Reflector	8070080	24.000	Ea
0600	_ Misc Field Office	8097043	5.000	Mo
0610	_ Misc Sign, Type B, Perm	8107010	145.000	Sft
0620	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	305.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0640	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	50.000	Ft
0650	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,000.000	Ft
0660	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,500.000	Ft
0670	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea

0710	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	750.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	750.000	Ft
0770	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0780	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0790	Sign Cover	8120310	6.000	Ea
0800	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0810	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	890.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	890.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	Topsoil Surface, Furn, 2 inch	8160060	4,426.000	Syd
0860	Water, Sodding/Seeding	8160090	240.000	Unit
0870	_ Sodding, Modified	8167011	4,426.000	Syd
0880	Monument Box Adjust	8210005	2.000	Ea
0890	Monument Preservation	8210010	2.000	Ea
0900	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0910	Staking Plan Errors and Extras, Two Person	8240021	20.000	Hr
0920	Staking Plan Errors and Extras, Three Person	8240022	20.000	Hr
0930	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0940	Structures, Rem	2040060	1.000	LSUM
0950	Backfill, Structure, CIP	2060002	930.000	Cyd
0960	Excavation, Fdn	2060010	720.000	Cyd
0970	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft
0980	_ Geotextile, Separator, Non-Woven	3087011	770.000	Syd
0990	_ Culv Bedding	4017021	150.000	Cyd
1000	Underdrain Outlet, 4 inch	4040091	80.000	Ft
1010	Underdrain Outlet, 6 inch	4040093	85.000	Ft
1020	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1030	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
1040	_ Underdrain, Fdn, 4 inch, Modified	4047001	500.000	Ft
1050	_ Underdrain, Fdn, 6 inch, Modified	4047001	285.000	Ft
1060	_ Culv, Precast Three-Sided or Arch, 18 foot by 7.66 foot, Modified	4067001	73.000	Ft
1070	Conc, Grade D	7060010	7.000	Cyd
1080	Conc, Low Temperature Protection	7060020	7.000	Cyd
1090	Reinforcement, Steel, Epoxy Coated	7060092	1,000.000	Lb
1100	Water Repellent Treatment, Penetrating	7060140	230.000	Syd
1110	_ Culvert Waterproofing Membrane	7107011	296.000	Syd

1120	_ Riprap, Heavy, Modified	8137011	140.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 190809 033

Letting Date: August 9, 2019

Contract ID: 81000-202645-2

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$138,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,515.000	Ft
0030	Pavt, Rem	2040050	115.000	Syd
0040	Sidewalk, Rem	2040055	170.000	Syd
0050	Embankment, CIP	2050010	102.000	Cyd
0060	Excavation, Earth	2050016	158.000	Cyd
0070	_ Excavation, Rain Garden	2057021	230.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0090	Erosion Control, Silt Fence	2080036	1,115.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	_ Aggregate Base, Modified	3027031	210.000	Ton
0120	Maintenance Gravel	3060020	100.000	Ton
0130	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0140	Dr Structure Cover, Type K	4030050	10.000	Ea
0150	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0160	_ Drainage Structure Repair, 12 inches or Greater	4037001	50.000	Ft
0170	_ Catch Basin, Rain Garden, 48 inch	4037050	1.000	Ea
0180	_ Drainage Structure Repair, Less Than 12 inches	4037050	20.000	Ea
0190	Underdrain, Subbase, 6 inch	4040063	150.000	Ft
0200	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0210	_ Perforated Underdrain, 6 inch	4047001	263.000	Ft
0220	_ Storm Line, 6 inch	4047001	20.000	Ft
0230	Cold Milling HMA Surface	5010002	41,305.000	Syd
0240	HMA Surface, Rem	5010005	210.000	Syd
0250	Hand Patching	5010025	175.000	Ton
0260	HMA, 5E10	5010058	3,430.000	Ton
0270	HMA, 4E10, High Stress	5010510	1,245.000	Ton

0280	HMA, 5E10, High Stress	5010516	995.000	Ton
0290	HMA Approach, High Stress	5010520	310.000	Ton
0300	_ Hand Patching, Modified	5017031	50.000	Ton
0310	_ Void Reducing Asphalt Membrane	6027001	24,850.000	Ft
0320	Driveway, Nonreinf Conc, 9 inch	8010008	115.000	Syd
0330	Curb and Gutter, Conc, Det F3	8020037	80.000	Ft
0340	Curb and Gutter, Conc, Det F4	8020038	865.000	Ft
0350	Driveway Opening, Conc, Det M	8020050	560.000	Ft
0360	_ Curb Inlet	8027050	3.000	Ea
0370	Detectable Warning Surface	8030010	60.000	Ft
0380	Curb Ramp Opening, Conc	8030030	105.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	875.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	480.000	Sft
0410	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0420	Rem Spec Mrkg	8110343	72.000	Sft
0430	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0440	Recessing Pavt Mrkg, Longit	8110450	24,390.000	Ft
0450	Recessing Pavt Mrkg, Transv	8110451	2,620.000	Sft
0460	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	4,090.000	Ft
0470	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	20,300.000	Ft
0480	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, Yellow	8110507	170.000	Ft
0490	_ Pavt Mrkg, Wet Reflective, Polyurea, 12 inch, Crosswalk	8117001	1,415.000	Ft
0500	_ Pavt Mrkg, Wet Reflective, Polyurea, 24 inch, Stop Bar	8117001	400.000	Ft
0510	_ Pavt Mrkg, Wet Reflective, Polyurea, Lt Turn Arrow Sym	8117050	9.000	Ea
0520	_ Pavt Mrkg, Wet Reflective, Polyurea, Only	8117050	1.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	80.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	80.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0560	Channelizing Device, 42 inch, Furn	8120030	625.000	Ea
0570	Channelizing Device, 42 inch, Oper	8120031	625.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,050.000	Ft
0620	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	60.000	Ft
0630	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	156.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,760.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,770.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	22,545.000	Ft

0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	156.000	Ft
0690	Sign Cover	8120310	50.000	Ea
0700	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0710	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0720	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0730	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	_ Sign, Type B, Temp, Prismatic, Furn, Modified	8127010	1,314.000	Sft
0760	_ Sign, Type B, Temp, Prismatic, Oper, Modified	8127010	1,314.000	Sft
0770	_ Sign, Type B, Temp, Prismatic, Special, Furn, Modified	8127010	213.000	Sft
0780	_ Sign, Type B, Temp, Prismatic, Special, Oper, Modified	8127010	213.000	Sft
0790	_ Cobble Spillway	8147050	8.000	Ea
0800	_ Steel Edging	8157001	18.000	Ft
0810	_ Barren Strawberry	8157050	88.000	Ea
0820	_ Foerster's Feather Reed Grass	8157050	19.000	Ea
0830	_ Fox Sedge	8157050	85.000	Ea
0840	_ Gro-Low Fragrant Sumac	8157050	32.000	Ea
0850	_ Lemony Lace Sambucus	8157050	16.000	Ea
0860	_ Low Scape Mound Chokeberry	8157050	50.000	Ea
0870	_ Red Gnome Redtwig Dogwood	8157050	39.000	Ea
0880	_ Rose Mallow	8157050	56.000	Ea
0890	_ Shenandoah Switchgrass	8157050	75.000	Ea
0900	_ Spreading Liriope	8157050	58.000	Ea
0910	_ Turf Establishment, Performance	8167011	725.000	Syd
0920	_ Soil Mix, Rain Garden	8167021	158.000	Cyd
0930	Conduit, DB, 1, 1 1/2 inch	8190027	165.000	Ft
0940	Controller and Cabinet, Rem	8200030	1.000	Ea
0950	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0960	Pedestal, Alum, Salv	8200101	1.000	Ea
0970	Pedestal, Fdn	8200105	11.000	Ea
0980	Pedestal Fdn, Rem	8200106	1.000	Ea
0990	Pedestal, Rem	8200110	1.000	Ea
1000	Pushbutton, Rem	8200122	5.000	Ea
1010	Pushbutton Pedestal, Alum	8200123	12.000	Ea
1020	Push Button Station and Sign	8200128	12.000	Ea
1030	TS, Mast Arm Mtd, Rem	8200177	32.000	Ea
1040	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1050	TS, Pedestrian, Pedestal Mtd, Rem	8200181	7.000	Ea
1060	Pedestrian Signal System, Accessible	8200240	2.000	Ea
1070	TS, One Way Mast Arm Mtd, Salv	8200251	8.000	Ea
1080	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea

1090	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1100	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
1110	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	8.000	Ea
1120	TS, One Way Mast Arm Mtd (LED)	8200359	24.000	Ea
1130	Wireless Vehicle Detection System	8200422	1.000	Ea
1140	Wireless Vehicle Sensor Node	8200425	36.000	Ea
1150	TS Face, Bag	8200458	48.000	Ea
1160	TS Face, Bag, Rem	8200459	60.000	Ea
1170	_ Wireless Repeater, Flex	8207050	4.000	Ea
1180	Monument Box Adjust	8210005	2.000	Ea
1190	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190809 034**Letting Date:** August 9, 2019**Contract ID:** 04141-130316**Description:** 2.01 mi of hot mix asphalt surfacing of gravel roadway and drainage on Wolf Creek Road from Scott Road north to Nicholson Hill Road, Alpena County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130316A	1900915	N/A	STL 04141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$111,100.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	37.000	Sta
0030	Embankment, CIP	2050010	9,865.000	Cyd
0040	Excavation, Earth	2050016	16,290.000	Cyd
0050	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	450.000	Ft
0070	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0080	_ Subbase, CIP, Modified	3017021	16,096.000	Cyd
0090	_ Aggregate Base, Modified	3027031	13,395.000	Ton
0100	Approach, CI I	3070001	108.000	Ton
0110	Approach, CI II	3070021	380.000	Ton
0120	_ Shoulder, CI II, Modified	3077031	1,500.000	Ton
0130	_ Culv, CI E, 18 inch, Modified	4017001	184.000	Ft
0140	_ Culv, CI E, 24 inch, Modified	4017001	56.000	Ft
0150	_ Culv, CI E, 36 inch, Modified	4017001	86.000	Ft
0160	_ Culv, CI F, 15 inch, Modified	4017001	1,354.000	Ft
0170	HMA Surface, Rem	5010005	105.000	Syd
0180	HMA, 13A	5010033	5,082.000	Ton
0190	_ HMA Approach, Modified	5017031	98.000	Ton
0200	_ Post, Mailbox, Modified	8077050	19.000	Ea
0210	_ Gate, Moving	8087050	2.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,314.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,388.000	Ft
0240	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0250	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0260	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0270	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM

0290	Sign, Type B, Temp, Prismatic, Furn	8120350	193.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	193.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	42.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	42.000	Sft
0330	_ Slope Restoration	8167011	43,150.000	Syd
0340	Monument Box	8210001	4.000	Ea
0350	Monument Preservation	8210010	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 035

Letting Date: August 9, 2019

Contract ID: 70000-130710

Description: 2.13 mi of hot mix asphalt resurfacing and construction of left turn lanes on 32nd Avenue from Byron Road to Quincy Street, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130710A	1900909	N/A	STU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	140.000	Ft
0030	Pavt, Rem	2040050	95.000	Syd
0040	Excavation, Earth	2050016	3.000	Cyd
0050	_ Sidewalk Ramp Grading	2057011	41.000	Syd
0060	Approach, CI I, 6 inch	3070008	95.000	Syd
0070	Shoulder, CI II, 3 inch	3070125	2,400.000	Syd
0080	_ Approach, Class I, Driveway	3077050	31.000	Ea
0090	_ Approach, Class I, Intersection	3077050	1.000	Ea
0100	Dr Structure, Temp Lowering	4030390	5.000	Ea
0110	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	5.000	Ea
0120	Cold Milling HMA Surface	5010002	45,000.000	Syd
0130	Pavt for Butt Joints, Rem	5010008	6,800.000	Syd
0140	HMA, 5E1	5010056	9,000.000	Ton
0150	HMA Approach	5010061	785.000	Ton
0160	Curb and Gutter, Conc, Det B2	8020016	140.000	Ft
0170	Detectable Warning Surface	8030010	46.000	Ft
0180	Sidewalk Ramp, Conc, 4 inch	8030034	138.000	Sft
0190	_ Mailbox Post, Modified	8077050	5.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	16.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,500.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,500.000	Ft
0240	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0250	Channelizing Device, 42 inch, Furn	8120030	315.000	Ea
0260	Channelizing Device, 42 inch, Oper	8120031	315.000	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, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,630.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,500.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	600.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	898.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	898.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Slope Restoration	8167011	350.000	Syd
0380	_ Gate Box, Adj	8237050	6.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 036

Letting Date: August 9, 2019

Contract ID: 41000-202881

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk ramps and pavement markings on Knapp Street from the east city limits of Grand Rapids to East Beltline (M-44), Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202881A	1900933	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	800.000	Ft
0030	Guardrail, Rem	2040035	150.000	Ft
0040	_ Roadway Grading	2057011	27,290.000	Syd
0050	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0070	_ Aggregate Base, Modified	3027031	500.000	Ton
0080	Approach, CI III, CIP	3070042	50.000	Cyd
0090	Shoulder, CI III	3070141	300.000	Ton
0100	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0110	Dr Structure, Temp Lowering	4030390	8.000	Ea
0120	_ Manhole Channel Protection	4037050	3.000	Ea
0130	Cold Milling HMA Surface	5010002	27,290.000	Syd
0140	HMA, 3C	5010031	3,452.000	Ton
0150	HMA, 5E3	5010057	2,589.000	Ton
0160	HMA Approach	5010061	40.000	Ton
0170	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0180	_ Driveway Opening, Conc, Det M, Modified	8027001	50.000	Ft
0190	_ Valley Gutter, Conc, Mod	8027001	200.000	Ft
0200	Detectable Warning Surface	8030010	20.000	Ft
0210	Curb Ramp Opening, Conc	8030030	30.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	300.000	Sft
0230	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0240	Post, Mailbox	8070095	20.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	700.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	200.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,500.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,310.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0350	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0420	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0440	Sign Cover	8120310	4.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	808.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	808.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Roadside Seeding	8167011	300.000	Syd
0510	Monument Box	8210001	2.000	Ea
0520	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 037

Letting Date: August 9, 2019

Contract ID: 80000-129854

Description: 0.49 mi of hot mix asphalt crushing, shaping and resurfacing, drainage, storm sewer and ditching on Main Street from Pine Street to the east village limits of Breedsville in the village of Breedsville, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129854A	1900921	N/A	STL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,800.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	12.000	Syd
0030	Excavation, Earth	2050016	105.000	Cyd
0040	_ Aggregate Base, 6 inch, Modified	3027011	1,880.000	Syd
0050	_ Approach, CI II, 6 inch, Modified	3027011	590.000	Syd
0060	HMA Base Crushing and Shaping	3050002	2,520.000	Syd
0070	Trenching	3070200	42.000	Sta
0080	Dr Structure Cover, Type G	4030040	3.000	Ea
0090	Dr Structure, 24 inch dia	4030200	3.000	Ea
0100	Underdrain, Subbase, 6 inch	4040063	4,200.000	Ft
0110	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0120	Cold Milling HMA Surface	5010002	1,380.000	Syd
0130	HMA Surface, Rem	5010005	225.000	Syd
0140	HMA Approach	5010061	142.000	Ton
0150	HMA, LVSP	5010703	1,840.000	Ton
0160	Detectable Warning Surface	8030010	10.000	Ft
0170	Sidewalk Ramp, Conc, 6 inch	8030036	50.000	Sft
0180	Sidewalk, Conc, 4 inch	8030044	50.000	Sft
0190	Post, Mailbox	8070095	10.000	Ea
0200	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	3,975.000	Ft
0210	Pavt Mrkg, Thermopl, 6 inch, White	8110198	4,088.000	Ft
0220	Channelizing Device, 42 inch, Furn	8120030	160.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	160.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Topsoil Surface, Furn, LM	8160071	600.000	Cyd
0310	_ Turf Establishment	8167011	4,800.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190809 038

Letting Date: August 9, 2019

Contract ID: 38555-129637

Description: 0.50 mi of hot mix asphalt cold milling and resurfacing, casting adjustments and pavement markings on King Street and Tiffany Street from Marshall Street to the west village limit of Brooklyn in the village of Brooklyn, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129637A	1900831	N/A	STL 38555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,900.00	1500001	1.000	LSUM
0020	_ Above Ground Video Survey	2047051	1.000	LSUM
0030	Excavation, Earth	2050016	10.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0050	Maintenance Gravel, LM	3060021	200.000	Cyd
0060	Shoulder, CI II	3070121	100.000	Ton
0070	Dr Structure Cover, Type B	4030010	1.000	Ea
0080	Dr Structure Cover, Type Q	4030065	3.000	Ea
0090	Dr Structure, Temp Lowering	4030390	4.000	Ea
0100	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	4.000	Ea
0110	Cold Milling HMA Surface _3 inch	5010002	7,250.000	Syd
0120	HMA, 13A	5010033	1,500.000	Ton
0130	HMA Approach	5010061	15.000	Ton
0140	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	5,400.000	Ft
0150	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0190	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Turf Establishment	8167011	500.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 190809 039**Letting Date:** August 9, 2019**Contract ID:** 14000-203014**Description:** 1.47 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Redfield Street from Gumwood Road to Fir Road, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203014A	1900916	N/A	STU 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,100.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	150.000	Ton
0030	Cold Milling HMA Surface	5010002	21,120.000	Syd
0040	HMA, 13A	5010033	1,795.000	Ton
0050	HMA Approach	5010061	38.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,510.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,755.000	Ft
0080	Channelizing Device, 42 inch, Furn	8120030	83.000	Ea
0090	Channelizing Device, 42 inch, Oper	8120031	83.000	Ea
0100	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0110	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190809 040**Letting Date:** August 9, 2019**Contract ID:** 15029-133276

Description: 6.50 mi of hot mix asphalt shared use path along Boyne Valley Trailway from Boyne City Airport to Railroad Street in the village of Boyne Falls, city of Boyne City, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133276A	1900917	N/A	TAL 15029

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$147,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	150.000	Ft
0030	Fence, Rem	2040025	600.000	Ft
0040	Sidewalk, Rem	2040055	7.000	Syd
0050	Embankment, CIP	2050010	123.000	Cyd
0060	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0070	Aggregate Base	3020001	246.000	Ton
0080	Approach, CI I, 6 inch	3070008	568.000	Syd
0090	Approach, CI II	3070021	75.000	Ton
0100	_ High Performance Standard Aperture Geogrid	3087011	289.000	Syd
0110	Culv End Sect, 12 inch	4010012	6.000	Ea
0120	Culv End Sect, 15 inch	4010015	6.000	Ea
0130	Culv End Sect, 24 inch	4010024	2.000	Ea
0140	Culv, CI F, 12 inch	4010607	40.000	Ft
0150	Culv, CI F, 15 inch	4010608	48.000	Ft
0160	Culv, CI F, 24 inch	4010610	16.000	Ft
0170	Sewer, CI A, 12 inch, Tr Det B	4020033	24.000	Ft
0180	Sewer, CI A, 15 inch, Tr Det B	4020034	40.000	Ft
0190	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0200	Dr Structure Cover, Type B	4030010	2.000	Ea
0210	Dr Structure Cover, Type G	4030040	1.000	Ea
0220	Dr Structure, 24 inch dia	4030200	1.000	Ea
0230	Dr Structure, 48 inch dia	4030210	1.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	HMA Surface, Rem	5010005	306.000	Syd
0260	Hand Patching	5010025	22.000	Ton
0270	HMA Approach	5010061	79.000	Ton

0280	_ Helical Piles	7057001	2,000.000	Ft
0290	_ Helical Pile Equipment, Furn	7057051	1.000	LSUM
0300	_ Structure, Timber, Boardwalk	7097010	3,278.000	Sft
0310	_ Structure, Rehabilitation	7097051	1.000	LSUM
0320	Detectable Warning Surface	8030010	245.000	Ft
0330	Curb Ramp Opening, Conc	8030030	150.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	3,900.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	8,475.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	280.000	Sft
0370	Curb Sloped, HMA	8050010	250.000	Ft
0380	Shared use Path, HMA	8060040	4,429.000	Ton
0390	_ Shared Use Path, Grading, Special	8067001	32,830.000	Ft
0400	_ Sidewalk Grading	8067001	1,719.000	Ft
0410	_ Shared Use Path, Aggregate, 6 inch, Special	8067011	44,409.000	Syd
0420	Post, Mailbox	8070095	1.000	Ea
0430	Fence, Moving	8080120	342.000	Ft
0440	_ Wood Fence	8087001	300.000	Ft
0450	Post, Steel, 3 lb	8100371	896.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0470	Sign, Type III, Rem	8100403	16.000	Ea
0480	Sign, Type IIIA	8100404	73.000	Sft
0490	Sign, Type IIIB	8100405	488.000	Sft
0500	_ Specialty Sign, Remove, Salvage and Erect	8107050	9.000	Ea
0510	_ Trail Sign Post	8107050	39.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	672.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	270.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	20.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	952.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	952.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	300.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	300.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Riprap, Plain	8130010	8.000	Syd
0680	_ HMA Spillway	8147011	5.000	Syd
0690	_ Slope Restoration, Type A, Modified	8167011	30,000.000	Syd
0700	_ Slope Restoration, Type B, Modified	8167011	10,000.000	Syd

0710	_ Slope Restoration, Type Lawn	8167011	10,845.000	Syd
0720	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0730	Gate Box, Adj, Case 2	8230432	1.000	Ea
0740	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 190809 041**Letting Date:** August 9, 2019**Contract ID:** 80555-129837

Description: 1.03 mi of hot mix asphalt cold milling, widening for shared use path and resurfacing, trenching, signing and pavement markings on Red Arrow Highway from 26th Street to 28th Street, Van Buren County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129837A	1900929	N/A	STL 80555
206204A	1900859	N/A	CM 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	22.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	27.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Curb and Gutter, Rem	2040020	300.000	Ft
0080	Fence, Rem	2040025	135.000	Ft
0090	Guardrail, Rem	2040035	25.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	17.000	Cyd
0110	Pavt, Rem	2040050	55.000	Syd
0120	Embankment, LM	2050011	600.000	Cyd
0130	Excavation, Earth	2050016	300.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0150	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0160	Subbase, CIP	3010002	250.000	Cyd
0170	Aggregate Base, LM	3020002	30.000	Cyd
0180	Aggregate Base, 6 inch	3020016	10,400.000	Syd
0190	Approach, CI II, 4 inch	3070026	1,240.000	Syd
0200	Shoulder, CI II, 4 inch	3070126	6,140.000	Syd
0210	Trenching	3070200	208.000	Sta
0220	_ Geosynthetic Paving Fabric	3087011	28,000.000	Syd
0230	Culv End Sect, 24 inch	4010024	1.000	Ea
0240	Culv, CI E, 24 inch	4010542	48.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea

0270	Dr Structure Cover, Type G	4030040	1.000	Ea
0280	Dr Structure, 48 inch dia	4030210	1.000	Ea
0290	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0300	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0310	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0320	Cold Milling HMA Surface	5010002	28,560.000	Syd
0330	Hand Patching	5010025	35.000	Ton
0340	HMA, 36A	5010034	1,550.000	Ton
0350	HMA, 4E1	5010050	4,040.000	Ton
0360	HMA Approach	5010061	40.000	Ton
0370	Driveway, Reinf Conc, 6 inch	8010001	10.000	Syd
0380	Curb and Gutter, Conc, Det B2	8020016	270.000	Ft
0390	Curb and Gutter, Conc, Det B3	8020017	300.000	Ft
0400	Spillway, Conc	8020075	6.000	Ft
0410	Curb Sloped, HMA	8050010	600.000	Ft
0420	Guardrail, Type B	8070000	825.000	Ft
0430	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0440	Guardrail Reflector	8070080	96.000	Ea
0450	Post, Mailbox	8070095	10.000	Ea
0460	Guardrail Post, Furn and Install, 84 inch	8070102	252.000	Ea
0470	Sign, Type II, Rem	8100397	20.000	Ea
0480	Sign, Type IIIA	8100404	66.000	Sft
0490	Sign, Type IIIB	8100405	36.000	Sft
0500	Sign, Type IV, Erect, Salv	8100408	2.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	8.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	8.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,000.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,500.000	Ft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0580	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0590	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0600	Dust Palliative, Applied	8120100	9.000	Ton
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	846.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	846.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM

0680	Riprap, Plain	8130010	25.000	Syd
0690	Slope Restoration, Type B	8160101	9,600.000	Syd
0700	Slope Restoration, Type C	8160102	1,250.000	Syd
0710	Slope Restoration, Type D	8160103	1,250.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 190809 042

Letting Date: August 9, 2019

Contract ID: 44448-130854

Description: 0.68 mi of hot mix asphalt shared use path including aggregate base, concrete sidewalks, sidewalk ramps, signing, culverts and driveways along Genesee Street and on Davison Road Trail from Polar Palace to east of Lake Drive in the city of Lapeer, Lapeer County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130854A	1900942	N/A	CM 44448

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	12.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Curb and Gutter, Rem	2040020	115.000	Ft
0060	Pavt, Rem	2040050	116.000	Syd
0070	Sidewalk, Rem	2040055	464.000	Syd
0080	_ Subgrade Undercutting, Type II, Modified	2057021	375.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0100	Erosion Control, Silt Fence	2080036	1,220.000	Ft
0110	Subbase, CIP	3010002	550.000	Cyd
0120	_ Aggregate Base, 8 inch, Modified	3027011	4,425.000	Syd
0130	_ Open-Graded Dr Cse, 10 inch, Modified	3037011	975.000	Syd
0140	Maintenance Gravel	3060020	30.000	Ton
0150	Geotextile, Stabilization	3080010	4,010.000	Syd
0160	Culv End Sect, Metal, 12 inch	4010094	6.000	Ea
0170	Culv, CI F, CSP, 12 inch	4010675	260.000	Ft
0180	_ Dr Structure, Adj, Add Depth, Modified	4037001	8.000	Ft
0190	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0200	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	5.000	Ea
0210	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	4.000	Ea
0220	Underdrain, Subgrade, 4 inch	4040071	1,000.000	Ft
0230	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0240	Underdrain, Outlet Ending, 4 inch	4040111	5.000	Ea
0250	Hand Patching	5010025	14.000	Ton
0260	HMA Approach	5010061	30.000	Ton
0270	Curb and Gutter, Conc, Det F4	8020038	53.000	Ft

0280	Curb Ramp Opening, Conc	8030030	62.000	Ft
0290	Sidewalk Ramp, Conc, 6 inch	8030036	182.000	Sft
0300	Sidewalk, Conc, 4 inch	8030044	50.000	Sft
0310	_ Detectable Warning Surface, Modified	8037001	26.000	Ft
0320	Shared use Path, Grading	8060030	3,475.000	Ft
0330	Shared use Path, HMA	8060040	890.000	Ton
0340	_ Trail Fence	8087001	250.000	Ft
0350	Post, Steel, 3 lb	8100371	28.000	Ft
0360	Sign, Type II, Rem	8100397	1.000	Ea
0370	Sign, Type IIA	8100398	12.000	Sft
0380	Sign, Type IIB	8100399	5.000	Sft
0390	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0400	Sign, Type III, Rem	8100403	1.000	Ea
0410	_ Post, Wood, Sign	8107050	4.000	Ea
0420	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	94.000	Ft
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0450	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0550	Riprap, Plain	8130010	12.000	Syd
0560	_ Turf Establishment, Performance	8167002	36.000	Sta
0570	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 190809 043**Letting Date:** August 9, 2019**Contract ID:** 63000-203632-2

Description: 0.24 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, adjust drainage structures and pavement markings on 11 Mile Road from Southfield Road to the east city limits of Lathrup Village in the city of Lathrup Village, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203632A	1900638	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	400.000	Ft
0030	Pavt, Rem	2040050	450.000	Syd
0040	Sidewalk, Rem	2040055	100.000	Syd
0050	_ Erosion Control, WRC Inlet Filter, Modified	2087050	20.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0070	Aggregate Base	3020001	30.000	Ton
0080	Aggregate Base, Conditioning	3020050	600.000	Syd
0090	Dr Structure Cover, Adj, Case 1, Modified	4030004	11.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0110	Pavt, Cleaning	5010001	1.000	LSUM
0120	Cold Milling HMA Surface	5010002	8,000.000	Syd
0130	HMA Surface, Rem	5010005	100.000	Syd
0140	Joint and Crack, Cleanout	5010015	1,000.000	Ft
0150	Hand Patching	5010025	50.000	Ton
0160	HMA Approach	5010061	40.000	Ton
0170	HMA, 4E10, High Stress	5010510	900.000	Ton
0180	HMA, 5E10, High Stress	5010516	675.000	Ton
0190	Joint, Contraction, Cp	6020200	200.000	Ft
0200	Conc Pavt, Nonreinf, 10 inch, High Performance	6020504	400.000	Syd
0210	Joint, Tied, Trg	6030023	125.000	Ft
0220	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0230	Driveway, Nonreinf Conc, 8 inch	8010007	100.000	Syd
0240	Curb and Gutter, Conc, Det F6	8020040	200.000	Ft
0250	Driveway Opening, Conc, Det M	8020050	175.000	Ft
0260	Curb Ramp Opening, Conc	8030030	30.000	Ft
0270	Sidewalk Ramp, Conc, 4 inch	8030034	200.000	Sft

0280	Sidewalk Ramp, Conc, 6 inch	8030036	100.000	Sft
0290	Sidewalk, Conc, 4 inch	8030044	200.000	Sft
0300	Sidewalk, Conc, 6 inch	8030046	50.000	Sft
0310	_ Detectable Warning Surface, Modified	8037001	20.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	300.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	150.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0370	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,775.000	Ft
0380	Pavt Mrkg, Regular Dry, 12 inch, White	8110131	250.000	Ft
0390	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	25.000	Ft
0400	Rem Curing Compound, for Spec Mrkg	8110321	200.000	Sft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0430	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	12.000	Ft
0480	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	1.000	Ea
0490	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0510	Plastic Drum, High Intensity, Lighted, Furn	8120260	30.000	Ea
0520	Plastic Drum, High Intensity, Lighted, Oper	8120261	30.000	Ea
0530	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0540	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Sodding	8160055	200.000	Syd
0590	Water, Sodding/Seeding	8160090	11.000	Unit
0600	_ Topsoil Surface, Furn, 2 inch, Modified	8167011	200.000	Syd
0610	_ Reimbursed Permit Fees	8507060	250.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 190809 044

Letting Date: August 9, 2019

Contract ID: 81000-201104-2

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	31.000	Ea
0030	Curb, Rem	2040021	111.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0050	Erosion Control, Silt Fence	2080036	3,987.000	Ft
0060	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0070	HMA Surface, Rem	5010005	120.000	Syd
0080	Detectable Warning Surface	8030010	80.000	Ft
0090	Curb Ramp Opening, Conc	8030030	124.000	Ft
0100	Sidewalk Ramp, Conc, 6 inch	8030036	894.000	Sft
0110	Shared use Path, Grading	8060030	2,669.000	Ft
0120	Shared use Path, HMA	8060040	561.000	Ton
0130	_ Shared use Path, Aggregate, Modified	8067011	3,575.000	Syd
0140	Post, Steel, 3 lb	8100371	80.000	Ft
0150	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0160	Sign, Type III, Rem	8100403	1.000	Ea
0170	Sign, Type IIIA	8100404	16.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	248.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	50.000	Ft
0200	Channelizing Device, 42 inch, Furn	8120030	10.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	10.000	Ea
0220	Lighted Arrow, Type B, Furn	8120130	1.000	Ea
0230	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	_ Turf Establishment, Performance	8167011	4,065.000	Syd
0290	Light Std Fdn	8190279	1.000	Ea
0300	Light Std Fdn, Rem	8190280	1.000	Ea
0310	Light Std Shaft, Install Salv	8190301	1.000	Ea
0320	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
0330	_ Landscape Light, Relocate	8197050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 190809 045

Letting Date: August 9, 2019

Contract ID: 11051-208316

Description: 1.19 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-51 from Chestnut Lane northerly to North Street, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208316A	N/A	N/A	M 11051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$62,800.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0030	Cold Milling HMA Surface	5010002	45,400.000	Syd
0040	HMA, 5E3	5010057	3,641.000	Ton
0050	HMA Approach	5010061	170.000	Ton
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	154.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,960.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,530.000	Ft
0110	Pavt Mrkg, Waterborne, 12 inch, White	8110237	110.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,960.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,530.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	110.000	Ft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0170	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,225.000	Ft
0250	Sign Cover	8120310	5.000	Ea
0260	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea

0270	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	602.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	602.000	Sft
0300	Contractor Staking, Road Only	8240007	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190809 046

Letting Date: August 9, 2019

Contract ID: 72013-207513

Description: 21.22 mi of culvert lining and end section replacement on US-127 northbound from the Roscommon/Clare county line to M-55 and from the Muskegon River to I-75, Crawford and Roscommon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207513A	N/A	N/A	M 72013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,700.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	20.000	Cyd
0030	Erosion Control, Silt Fence	2080036	120.000	Ft
0040	Shoulder, CI II	3070121	4.000	Ton
0050	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	2.000	Ea
0060	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	6.000	Ea
0070	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	18.000	Ea
0080	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	6.000	Ea
0090	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	2.000	Ea
0100	Dr Marker Post	4011109	34.000	Ea
0110	_ Cured-In-Place Pipe Lining, 15 inch	4017001	81.000	Ft
0120	_ Cured-In-Place Pipe Lining, 18 inch	4017001	320.000	Ft
0130	_ Cured-In-Place Pipe Lining, 24 inch	4017001	965.000	Ft
0140	_ Cured-In-Place Pipe Lining, 30 inch	4017001	343.000	Ft
0150	_ Cured-In-Place Pipe Lining, 42 inch	4017001	103.000	Ft
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0210	Sign Cover	8120310	10.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,320.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,320.000	Sft
0240	Fertilizer, Chemical Nutrient, CI A	8160020	91.000	Lb
0250	Mulch	8160025	2,000.000	Syd
0260	Mulch Anchoring	8160026	2,000.000	Syd
0270	Seeding, Mixture TDS	8160037	91.000	Lb

0280	Topsoil Surface, Furn, 4 inch	8160062	2,000.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 190809 047**Letting Date:** August 9, 2019**Contract ID:** 63172-208045

Description: 0.01 mi of full depth concrete pavement repairs on 3 ramps near I-75 at Joslyn Avenue and on the I-696 eastbound off ramp at Greenfield Road in the cities of Auburn Hills and Southfield, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208045A	N/A	N/A	M 63172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,200.00	1500001	1.000	LSUM
0020	Joint, Contraction, Cp	6020200	1,730.000	Ft
0030	Cement	6030005	71.000	Ton
0040	Joint, Contraction, Crg	6030020	350.000	Ft
0050	Joint, Expansion, Erg	6030021	76.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0070	Non-Chloride Accelerator	6030035	1,500.000	Gal
0080	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,700.000	Syd
0090	Pavt Repr, Rem	6030080	2,700.000	Syd
0100	Saw Cut, Intermediate	6030090	4,035.000	Ft
0110	_ Pavt Repr, Nonreinf Conc, Additional Thickness	6037021	300.000	Cyd
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0180	Pavt Mrkg, Polyurea, 4 inch, White	8110091	4,000.000	Ft
0190	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	400.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	112.000	Ft
0210	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	4,400.000	Ft
0220	Rem Curing Compound, for Spec Mrkg	8110321	400.000	Sft
0230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0240	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0250	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0260	Ltg for Night Work	8120160	1.000	LSUM

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	112.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	112.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	116.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	116.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 190809 048**Letting Date:** August 9, 2019**Contract ID:** 63172-207903**Description:** 28.00 mi of ditching on I-75 from the north Oakland county line to M-59 in the city of Auburn Hills, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207903A	N/A	N/A	M 63172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,700.00	1500001	1.000	LSUM
0020	Ditch Cleanout	2050006	200.000	Sta
0030	Erosion Control, Check Dam, Stone	2080012	1,000.000	Ft
0040	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0050	Erosion Control, Sediment Trap	2080034	30.000	Ea
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Dr Marker Post	4011109	20.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, Fluorescent, Furn	8120252	1,019.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	1,019.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0140	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	652.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	652.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0180	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0190	_ Slope Restoration, Bonded Fiber Matrix	8167011	20,000.000	Syd



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AASHTOWare Project™ Version 4.1 Revision 035

Schedule of Pay Items

Report v1

Letting Call: 190809 049**Letting Date:** August 9, 2019**Contract ID:** 63172-207937**Description:** Hot mix asphalt pavement repairs and pavement markings on I-75 southbound at the Pontiac Weigh Station, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207937A	N/A	N/A	M 63172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II, CIP	3070122	105.000	Cyd
0030	HMA Quality Initiative	5010007	2,400.000	Dlr
0040	Pavt for Butt Joints, Rem	5010008	550.000	Syd
0050	Pavt Joint and Crack Repr, Det 7	5010020	4,500.000	Ft
0060	Hand Patching	5010025	500.000	Ton
0070	HMA, 5E1	5010056	700.000	Ton
0080	Cold Milling Conc Pavt	6030014	1,400.000	Syd
0090	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,200.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,000.000	Ft
0110	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	28.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	28.000	Ea
0170	Sign Cover	8120310	2.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	32.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	32.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 190809 050**Letting Date:** August 9, 2019**Contract ID:** 61022-207972**Description:** 0.29 mi of hot mix asphalt cold milling and resurfacing on M-46 at US-31 in the city of Muskegon, Muskegon County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207972A	1900991	N/A	NH 61022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	100.000	Ft
0030	Pavt, Rem	2040050	10.000	Syd
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	8.000	Ea
0050	Dr Structure, Temp Lowering	4030390	8.000	Ea
0060	Cold Milling HMA Surface	5010002	10,600.000	Syd
0070	HMA Quality Initiative	5010007	1,840.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	7,200.000	Dlr
0090	Hand Patching	5010025	10.000	Ton
0100	HMA, 5E10, High Stress	5010516	910.000	Ton
0110	Curb and Gutter, Conc, Det F4	8020038	100.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0150	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,107.000	Ft
0160	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,194.000	Ft
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	924.000	Ft
0180	Pavt Mrkg, Polyurea, 12 inch, White	8110111	165.000	Ft
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	313.000	Ft
0200	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	196.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Recessing Pavt Mrkg, Longit	8110450	5,466.000	Ft
0230	Recessing Pavt Mrkg, Guide Line	8110453	196.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	90.000	Ea

0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	90.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Ltg for Night Work	8120160	1.000	LSUM
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	396.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	256.000	Ft
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0380	Gate Box, Adj, Case 1	8230431	2.000	Ea
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190809 051

Letting Date: August 9, 2019

Contract ID: 61072-200663-2

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$156,400.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	47,505.000	Syd
0030	HMA Quality Initiative	5010007	9,950.000	Dlr
0040	Longitudinal Joint Density Quality Initiative	5010018	2,300.000	Dlr
0050	HMA, 5E10	5010058	4,220.000	Ton
0060	HMA Approach	5010061	755.000	Ton
0070	Joint, Contraction, Cp	6020200	108.000	Ft
0080	Cement	6030005	56.000	Ton
0090	Crack Sealing, Conc Pavt	6030010	2,696.000	Ft
0100	Diamond Grinding Conc Pavt	6030015	7,000.000	Syd
0110	Joint, Contraction, Crg	6030020	4,407.000	Ft
0120	Joint, Expansion, Erg	6030021	100.000	Ft
0130	Lane Tie, Epoxy Anchored	6030030	700.000	Ea
0140	Non-Chloride Accelerator	6030035	2,371.000	Gal
0150	Pavt Repr, Nonreinf Conc, 11 inch	6030050	3,798.000	Syd
0160	Pavt Repr, Rem	6030080	3,798.000	Syd
0170	Saw Cut, Intermediate	6030090	1,780.000	Ft
0180	Sawing and Sealing Longit Pavt Joints	6030095	353.000	Ft
0190	Sawing and Sealing Trans Pavt Joints	6030096	2,697.000	Ft
0200	Resealing Trans Joints with Hot-Poured Rubber	6030100	7,888.000	Ft
0210	Resealing Longit Joints with Hot-Poured Rubber	6030101	826.000	Ft
0220	_ Joint, Tied, 2.5 foot, Special	6037001	295.000	Ft
0230	_ Pavt Repr, 2.5 foot, Nonreinf, 11 inch, Special	6037011	82.000	Syd
0240	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	82.000	Syd
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	180.000	Ft
0260	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	7.000	Ea
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	310.000	Ft

0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,578.000	Ft
0290	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	8,751.000	Ft
0300	Rem Raised Pavt Marker	8110332	15.000	Ea
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0330	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	5.000	Ea
0340	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	13,064.000	Ft
0350	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	84,642.000	Ft
0360	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	2,685.000	Ft
0370	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	80,895.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	31.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	31.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,260.000	Ft
0440	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,440.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,440.000	Ft
0470	Plastic Drum, Fluorescent, Furn	8120252	1,333.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	1,333.000	Ea
0490	Sign Cover	8120310	44.000	Ea
0500	Sign Cover, Type 1	8120320	19.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	15.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	15.000	Ea
0530	Sign, Type A, Temp, Prismatic, Furn	8120340	196.000	Sft
0540	Sign, Type A, Temp, Prismatic, Oper	8120341	196.000	Sft
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	6,974.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	6,974.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	54.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	54.000	Sft
0590	Contractor Staking, Road Only	8240007	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 190809 241

Letting Date: August 9, 2019

Contract ID: 69021-204275

Description: 0.02 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramps, aggregate base, and pavement markings on M-32 at Great Lakes Central Railroad crossing in the village of Elmira, Otsego County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204275A	1900919	N/A	STRH 69021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing	1027060	500.000	Dlr
0020	Mobilization, Max \$14,900.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	250.000	Ft
0040	Sidewalk, Rem	2040055	100.000	Syd
0050	Excavation, Earth	2050016	700.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0080	_ Embankment, LM Special	2057021	30.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0120	Subbase, LM	3010003	400.000	Cyd
0130	Aggregate Base, 6 inch	3020016	730.000	Syd
0140	Approach, CI I, 6 inch	3070008	40.000	Syd
0150	Approach, CI II, LM	3070023	20.000	Cyd
0160	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0170	HMA Surface, Rem	5010005	640.000	Syd
0180	HMA Quality Initiative	5010007	642.000	Dlr
0190	Hand Patching	5010025	48.000	Ton
0200	HMA, 3E3	5010045	117.000	Ton
0210	HMA, 4E3, High Stress	5010509	156.000	Ton
0220	Driveway, Nonreinf Conc, 6 inch	8010005	40.000	Syd
0230	Curb and Gutter, Conc, Det F4	8020038	250.000	Ft
0240	Sidewalk Ramp, Conc, 4 inch	8030034	150.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	350.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0270	_ Detectable Warning Surface, Cast Iron	8037001	10.000	Ft

0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0290	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	220.000	Ft
0300	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	220.000	Ft
0310	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	220.000	Ft
0320	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	220.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0360	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0370	Ltg for Night Work	8120160	1.000	LSUM
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0420	Sign Cover	8120310	35.000	Ea
0430	Sign Cover, Type 1	8120320	2.000	Ea
0440	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0450	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	641.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	641.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	216.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	216.000	Sft
0500	Slope Restoration, Type B	8160101	150.000	Syd
0510	Contractor Staking, Road Only	8240007	1.000	LSUM
0520	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0530	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0540	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr