



Schedule of Pay Items

Report v1

Letting Call: 190301 001

Letting Date: March 1, 2019

Contract ID: 65041-201106

Description: 8.48 mi of hot mix asphalt cold milling and resurfacing, joint repairs, shoulder corrugations and pavement markings on I-75 from Cook Road to west of the Ogemaw county line, Ogemaw County. This project includes a 3 year and 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201106A	1900298	N/A	NH 65041
201216A	1900299	N/A	ST 65041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$464,800.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	1,335.000	Ton
0030	Shoulder, CI II	3070121	2,147.000	Ton
0040	Cold Milling HMA Surface	5010002	341,310.000	Syd
0050	HMA Quality Initiative	5010007	71,982.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	256,922.000	Dlr
0070	Hand Patching	5010025	949.000	Ton
0080	HMA, 4E10	5010052	6,570.000	Ton
0090	HMA, 5E10	5010058	28,157.000	Ton
0100	HMA Approach	5010061	315.000	Ton
0110	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	5,976.000	Ft
0120	_ Longitudinal Joint Sealer	5017010	41,490.000	Sft
0130	_ Ride Incentive	5017060	18,641.000	Dlr
0140	_ Pavt Reinforcement Mesh	5027011	2,238.000	Syd
0150	_ Pavt Sensor, Invasive Condition, Proprietary	8007050	2.000	Ea
0160	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Recessing Pavt Mrkg, Longit	8110450	182,500.000	Ft
0200	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	19,200.000	Ft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	79,100.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	5,500.000	Ft
0230	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	78,700.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg Cover, Type R, Black	8120200	10,800.000	Ft
0280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,311.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,400.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,400.000	Ft
0310	Plastic Drum, Fluorescent, Furn	8120252	2,175.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	2,175.000	Ea
0330	Sign Cover	8120310	6.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type A, Temp, Prismatic, Furn	8120340	128.000	Sft
0370	Sign, Type A, Temp, Prismatic, Oper	8120341	128.000	Sft
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Monument Box	8210001	3.000	Ea
0420	Monument Preservation	8210010	3.000	Ea
0430	Protect Corners	8210020	12.000	Ea
0440	Shoulder Corrugations, Ground or Cut, HMA	8220001	127,765.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 002

Letting Date: March 1, 2019

Contract ID: 83013-119807

Description: Culvert replacement with Polymer-Precoated Galvanized Culvert, concrete curb and gutter, guardrail reconstruct and pavement markings on M-37 over Burkett Creek, Wexford County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119807A	1900307	N/A	NH 83013

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	Clearing	2010001	0.300	Acre
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	_ Culv, Rem, 24 inch to 48 inch, Special	2037050	1.000	Ea
0050	Curb and Gutter, Rem	2040020	340.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0070	Excavation, Earth	2050016	8,700.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0090	_ Embankment, CIP, Special	2057021	9,900.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	15.000	Ft
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	_ Straw Wattle	2087001	1,020.000	Ft
0130	Aggregate Base, 6 inch	3020016	822.000	Syd
0140	_ HMA Base Crushing and Shaping, Modified	3057011	822.000	Syd
0150	Culv, Downspout, 18 inch	4010797	90.000	Ft
0160	Dr Marker Post	4011109	2.000	Ea
0170	_ Culv, CI D, Polymer-Precoated Galv CSP, 84 inch, Special	4017001	144.000	Ft
0180	_ Culv Bedding	4017021	220.000	Cyd
0190	_ Culv End Sect, Polymer-Precoated Galv Steel, 84 inch	4017050	2.000	Ea
0200	Trench Undercut and Backfill	4021260	95.000	Cyd
0210	Video Taping Sewer and Culv Pipe	4021275	274.000	Ft
0220	HMA Approach	5010061	170.000	Ton
0230	Steel Sheet Piling, Temp	7040002	625.000	Sft
0240	Conc, Grade S2	7060011	2.000	Cyd
0250	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0260	Curb and Gutter, Conc, Det D2	8020031	340.000	Ft

0270	Downspout Header, Conc	8020070	2.000	Ea
0280	Guardrail, Reconst, Type B	8070105	375.000	Ft
0290	Fence, Protective	8080007	480.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,013.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	76,910.000	Ft
0320	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0330	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0390	Sign Cover	8120310	10.000	Ea
0400	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0410	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0420	Sign, Type A, Temp, Prismatic, Furn	8120340	201.000	Sft
0430	Sign, Type A, Temp, Prismatic, Oper	8120341	201.000	Sft
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	1,522.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	1,522.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	312.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	312.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Temp Rumble Strips (Orange), Stop Condition	8127001	4,950.000	Ft
0500	_ Riprap, Fieldstone	8137031	700.000	Ton
0510	Site Preparation, Max \$3,600	8150001	1.000	LSUM
0520	Watering and Cultivating, First Season, Min \$1,700	8150002	1.000	LSUM
0530	Watering and Cultivating, Second Season, Min \$2,100	8150003	1.000	LSUM
0540	Picea glauca, 6 foot	8152759	14.000	Ea
0550	Thuja occidentalis Nigra, 6 foot	8153817	16.000	Ea
0560	Tsuga canadensis, 5 foot	8153895	4.000	Ea
0570	Viburnum lentago, #3 cont.	8154083	20.000	Ea
0580	Slope Restoration, Type C	8160102	1,900.000	Syd
0590	Monument Preservation	8210010	4.000	Ea
0600	Protect Corners	8210020	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 004

Letting Date: March 1, 2019

Contract ID: 63000-200805

Description: 1.63 mi of shared use path, sidewalk ramps, drainage, signing and pavement markings on West 9 Mile Road from Pinecrest Drive to McClain Drive in the city of Oak Park, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200805A	1900221	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$134,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	19.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	51.000	Ea
0040	Curb and Gutter, Rem	2040020	140.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0060	Pavt, Rem	2040050	1,141.000	Syd
0070	Sidewalk, Rem	2040055	2,126.000	Syd
0080	Exploratory Investigation, Vertical	2040080	5.000	Ft
0090	Embankment, CIP	2050010	577.000	Cyd
0100	Excavation, Earth	2050016	1,763.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0120	Erosion Control, Silt Fence	2080036	3,083.000	Ft
0130	Aggregate Base, LM	3020002	266.000	Cyd
0140	Aggregate Base, 4 inch	3020010	5,339.000	Syd
0150	Aggregate Base, 6 inch	3020016	1,366.000	Syd
0160	Culv End Sect, 12 inch	4010012	1.000	Ea
0170	Culv, CI A, 12 inch	4010131	71.000	Ft
0180	Sewer, CI E, 12 inch, Tr Det B	4020600	111.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0200	Dr Structure Cover, Type K	4030050	2.000	Ea
0210	Dr Structure, 48 inch dia	4030210	2.000	Ea
0220	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0230	_ Sanitary Cleanout, Adjust	4037050	2.000	Ea
0240	HMA Surface, Rem	5010005	2,541.000	Syd
0250	Hand Patching	5010025	54.000	Ton
0260	HMA Approach	5010061	308.000	Ton
0270	Lane Tie, Epoxy Anchored	6030030	405.000	Ea

0280	Pavt Repr, Rem	6030080	389.000	Syd
0290	_ Bike Repair Shelter	7087051	1.000	LSUM
0300	_ Kiosk Sign	7087051	1.000	LSUM
0310	Driveway, Nonreinf Conc, 8 inch	8010007	17.000	Syd
0320	Curb and Gutter, Conc, Det F4	8020038	438.000	Ft
0330	Driveway Opening, Conc, Det M	8020050	471.000	Ft
0340	_ Curb and Gutter, Conc, Det F3, Modified, Type I	8027001	734.000	Ft
0350	_ Curb and Gutter, Conc, Det F3, Modified, Type II	8027001	222.000	Ft
0360	_ Curb and Gutter, Conc, Det F4, Modified	8027001	163.000	Ft
0370	Detectable Warning Surface	8030010	161.000	Ft
0380	Curb Ramp Opening, Conc	8030030	189.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	5,872.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	1,230.000	Sft
0410	Sidewalk, Conc, 6 inch	8030046	7,799.000	Sft
0420	_ Joint Sealant	8037001	557.000	Ft
0430	_ Paver Edge Restraint	8037001	109.000	Ft
0440	_ Conc Pavt, Misc, Decorative, 4 inch	8037010	1,065.000	Sft
0450	_ Sidewalk, Decorative Asphalt Pavers	8037010	96.000	Sft
0460	_ Sidewalk, Decorative Clay Brick Pavers	8037010	403.000	Sft
0470	Shared use Path, HMA	8060040	560.000	Ton
0480	Fence, Protective	8080007	126.000	Ft
0490	Band, Sign	8100010	15.000	Ea
0500	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
0510	Post, Steel, 3 lb	8100371	726.000	Ft
0520	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0530	Sign, Type III, Rem	8100403	8.000	Ea
0540	Sign, Type IIIA	8100404	15.000	Sft
0550	Sign, Type IIIB	8100405	284.000	Sft
0560	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	3,695.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	567.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	145.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	375.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	58.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	10.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	58.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0670	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	11.000	Ea
0680	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	17,096.000	Ft
0690	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	18,767.000	Ft
0700	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,734.000	Ft
0710	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,372.000	Ft

0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,372.000	Ft
0730	Rem Spec Mrkg	8110343	1,177.000	Sft
0740	Recessing Pavt Mrkg, Longit	8110450	51,593.000	Ft
0750	Recessing Pavt Mrkg, Transv	8110451	19,032.000	Sft
0760	_ Decorative Crosswalk, Brick Pattern	8117010	3,332.000	Sft
0770	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	11,168.000	Sft
0780	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0790	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0800	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0810	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0820	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	27,691.000	Ft
0870	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	342.000	Ft
0880	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0890	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0900	Sign Cover	8120310	15.000	Ea
0910	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0920	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0930	Sign, Type B, Temp, Prismatic, Furn	8120350	443.000	Sft
0940	Sign, Type B, Temp, Prismatic, Oper	8120351	454.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	Site Preparation, Max Site Preparation, Max	8150001	1.000	LSUM
0970	Watering and Cultivating, First Season, Min Watering and Cultivating, First Season, Min	8150002	1.000	LSUM
0980	Watering and Cultivating, Second Season, Min Watering and Cultivating, Second Season, Min	8150003	1.000	LSUM
0990	_ Layered Bioretention Soil Mix	8157021	129.000	Cyd
1000	_ Acer x freemanii 'Armstrong', 3.5 Inch	8157050	8.000	Ea
1010	_ Acorus gramineus, Plug	8157050	1,678.000	Ea
1020	_ Amelanchier canadensis 'Glenn Form', 6 Foot	8157050	6.000	Ea
1030	_ Amsonia illustris, Plug	8157050	255.000	Ea
1040	_ Andropogon gerardii 'Red October', 24 Inch	8157050	76.000	Ea
1050	_ Asclepias incarnata 'Cinderella', Plug	8157050	104.000	Ea
1060	_ Asclepias tuberosa 'Hello Yellow', Plug	8157050	260.000	Ea
1070	_ Chamaecyparis pisifera 'Vintage Gold', 15 Inch	8157050	204.000	Ea
1080	_ Coreopsis ?Cr?me Brulee?, Plug	8157050	59.000	Ea
1090	_ Coreopsis verticillata 'Zagreb', 6 Inch	8157050	419.000	Ea
1100	_ Cornus sericea 'Kelsey', 18 Inch	8157050	146.000	Ea
1110	_ Euonymus alatus 'Little Moses', 18 Inch	8157050	100.000	Ea
1120	_ Eupatorium ?Phantom?, Plug	8157050	881.000	Ea
1130	_ Hypericum kalmianum 'Ames', 18 Inch	8157050	69.000	Ea
1140	_ Iris versicolor, Plug	8157050	69.000	Ea

1150	_ Lavandula stoechas 'Leucantha', 18 Inch	8157050	86.000	Ea
1160	_ Liriope muscari 'Silver Sunproof', 8 Inch	8157050	710.000	Ea
1170	_ Lobelia siphilitica, Plug	8157050	358.000	Ea
1180	_ Pennisetum alopecuroides 'Burgundy Bunny', 8 Inch	8157050	1,235.000	Ea
1190	_ Pyrus calleryana 'Cleveland Select', 3.5 Inch	8157050	11.000	Ea
1200	_ Rudbeckia fulgida var. sullivantii 'Goldsturm', 12 Inch	8157050	127.000	Ea
1210	_ Thuja occidentalis 'Smaragd', 6 foot	8157050	8.000	Ea
1220	_ Trailhead Sign	8157051	1.000	LSUM
1230	_ Underground Automatic Irrigation System	8157051	1.000	LSUM
1240	Sodding	8160055	140.000	Syd
1250	Topsoil Surface, Furn, 4 inch	8160062	176.000	Syd
1260	Slope Restoration, Type B	8160101	11,526.000	Syd
1270	_ Steel Edging, 4 inch by 3/16 inch, Black	8167001	1,034.000	Ft
1280	_ Block Wall, Landscape, Nonreinf	8167010	80.000	Sft
1290	_ Landscape Fabric	8167011	105.000	Syd
1300	_ Planting Mix, Furn, 12 inch	8167011	820.000	Syd
1310	_ Decorative Gravel, Furn, 5-12 inch	8167021	9.000	Cyd
1320	_ Planting Mix, LM	8167021	13.000	Cyd
1330	_ Shredded Bark Mulch	8167021	174.000	Cyd
1340	_ Bench	8167050	10.000	Ea
1350	_ Bike Pump	8167050	1.000	Ea
1360	_ Bike Rack	8167050	11.000	Ea
1370	_ Bike Repair Station	8167050	1.000	Ea
1380	_ Decorative Boulder (18"-36" Dia.)	8167050	18.000	Ea
1390	_ Dog Waste Station	8167050	1.000	Ea
1400	_ Drinking Fountain	8167050	1.000	Ea
1410	_ Planter Pot, Large	8167050	8.000	Ea
1420	_ Planter Pot, Medium	8167050	9.000	Ea
1430	_ Planter Pot, Small	8167050	8.000	Ea
1440	_ Tables & Chairs	8167050	2.000	Ea
1450	_ Trash Receptacle	8167050	11.000	Ea
1460	_ Tree Grate	8167050	9.000	Ea
1470	_ Shade Sails	8167051	1.000	LSUM
1480	Conduit, DB, 1, 1 1/4 inch	8190026	20.000	Ft
1490	Conduit, Schedule 40, 1 inch	8190145	225.000	Ft
1500	Conduit, Schedule 40, 2 inch	8190147	568.000	Ft
1510	DB Cable, in Conduit, 600V, 1/C#6	8190211	1,088.000	Ft
1520	DB Cable, in Conduit, 600V, 1/C#10	8190213	350.000	Ft
1530	Cable, Equipment Grounding Wire, 1/C#6	8190236	554.000	Ft
1540	Cable, Equipment Grounding Wire, 1/C#10	8190238	350.000	Ft
1550	Hh, Polymer Conc	8190250	5.000	Ea
1560	Hh, Round	8190260	2.000	Ea
1570	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
1580	_ Conduit, Directional Bore, 2, 2 inch	8197001	126.000	Ft
1590	_ Accent Lighting, Fixture	8197050	5.000	Ea

1600	_ Decorative Pedestrian Light	8197050	7.000	Ea
1610	_ Electrical Service Rack	8197050	2.000	Ea
1620	_ Outdoor Electrical Receptacle	8197050	2.000	Ea
1630	_ Shelter Light, Fixture	8197050	2.000	Ea
1640	Pushbutton and Sign	8200121	2.000	Ea
1650	TS, Pedestrian, One Way Bracket Arm Mtd	8200225	2.000	Ea
1660	_ Pushbutton Support Post	8207050	1.000	Ea
1670	Water Serv, Long	8230245	1.000	Ea
1680	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
1690	_ Concrete Seat Wall	8507001	40.000	Ft
1700	_ Relocate Decorative Tree	8507050	1.000	Ea



1/25/2019 9:02 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 005

Letting Date: March 1, 2019

Contract ID: 54000-203486

Description: 16.10 mi of tree removal and clearing on various routes, Mecosta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203486A	1900224	N/A	HRRR 54000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,500.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	852.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	139.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	44.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	810.000	Ea
0060	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0070	Channelizing Device, 42 inch, Oper	8120031	100.000	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	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0140	Slope Restoration, Type A	8160100	8,445.000	Syd
0150	Slope Restoration, Type B	8160101	700.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 006

Letting Date: March 1, 2019

Contract ID: 76000-203457

Description: 0.34 mi of hot mix asphalt resurfacing, curb and gutter, watermain, storm sewer, signing and pavement markings on South Washington Street from Gute Street northerly to M-71 in the city of Owosso, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203457A	FED/LOCAL	N/A	HSIP 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$108,500.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	15.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,085.000	Ft
0050	Curb and Gutter, Rem	2040020	2,139.000	Ft
0060	Pavt, Rem	2040050	8,363.000	Syd
0070	Sidewalk, Rem	2040055	452.000	Syd
0080	Embankment, CIP	2050010	530.000	Cyd
0090	Excavation, Earth	2050016	3,493.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0120	_ Subgrade Undercutting, Special	2057011	500.000	Syd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Subbase, CIP	3010002	153.000	Cyd
0160	_ Aggregate Base, 10 inch, Modified	3027011	9,882.000	Syd
0170	_ Aggregate Base, 8.5 inch, Modified	3027011	603.000	Syd
0180	Maintenance Gravel, LM	3060021	200.000	Cyd
0190	Geotextile, Separator	3080005	10,430.000	Syd
0200	_ Structural Geogrid	3087011	200.000	Syd
0210	Sewer Tap, 18 inch	4021206	1.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	466.000	Ft
0230	_ Drain Tile Connection	4027001	50.000	Ft
0240	_ Sanitary Sewer, VCP, 6 inch, Tr Det B, Modified	4027001	10.000	Ft
0250	_ Sanitary Sewer, VCP, 8 inch, Tr Det B, Modified	4027001	20.000	Ft
0260	_ Sewer, SDR-26, 10 inch, Tr Det B, Modified	4027001	309.000	Ft
0270	_ Sewer, SDR-26, 12 inch, Tr Det B, Modified	4027001	76.000	Ft

0280	_ Sewer, SDR-26, 18 inch, Tr Det B, Modified	4027001	81.000	Ft
0290	_ Sanitary Sewer Service Lateral Connection , VCP, 8 inch x 6 inch	4027050	1.000	Ea
0300	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0310	Dr Structure Cover, Type B	4030010	7.000	Ea
0320	Dr Structure Cover, Type K	4030050	8.000	Ea
0330	Dr Structure Cover, Type Q	4030065	7.000	Ea
0340	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0350	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0360	Dr Structure, Temp Lowering	4030390	7.000	Ea
0370	_ Dr Structure Collar, Modified	4037050	13.000	Ea
0380	_ Dr Structure, 36 inch dia, Modified	4037050	9.000	Ea
0390	_ Dr Structure, 48 inch dia, Modified	4037050	5.000	Ea
0400	_ Dr Structure, 60 inch dia, Modified	4037050	2.000	Ea
0410	HMA Surface, Rem	5010005	9,943.000	Syd
0420	Hand Patching	5010025	20.000	Ton
0430	HMA, 2C	5010030	2,175.000	Ton
0440	HMA, 4E3	5010051	1,088.000	Ton
0450	HMA, 5E3	5010057	816.000	Ton
0460	HMA Approach	5010061	315.000	Ton
0470	Driveway, Nonreinf Conc, 6 inch	8010005	140.000	Syd
0480	Driveway, Nonreinf Conc, 7 inch	8010006	292.000	Syd
0490	Driveway, Nonreinf Conc, 9 inch	8010008	68.000	Syd
0500	Curb and Gutter, Conc, Det F2	8020036	1,898.000	Ft
0510	Driveway Opening, Conc, Det M	8020050	105.000	Ft
0520	Curb Ramp Opening, Conc	8030030	166.000	Ft
0530	Sidewalk, Conc, 4 inch	8030044	2,138.000	Sft
0540	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0550	Sidewalk, Conc, 7 inch	8030047	225.000	Sft
0560	_ Detectable Warning Surface, Modified	8037001	131.000	Ft
0570	_ Sidewalk Ramp, Conc, 7 inch	8037010	1,683.000	Sft
0580	_ Sidewalk, Conc, 9 inch	8037010	200.000	Sft
0590	Fence, Protective	8080007	200.000	Ft
0600	Post, Steel, 3 lb	8100371	358.000	Ft
0610	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0620	Sign, Type III, Rem	8100403	16.000	Ea
0630	Sign, Type IIIA	8100404	108.000	Sft
0640	Sign, Type IIIB	8100405	7.000	Sft
0650	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	874.000	Ft
0670	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	145.000	Ft
0680	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	7.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	7.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea

0710	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	1.000	Ea
0720	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,955.000	Ft
0730	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	4,644.000	Ft
0740	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	300.000	Ft
0750	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	114.000	Ft
0760	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,955.000	Ft
0770	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,644.000	Ft
0780	Pavt Mrkg, Waterborne, 12 inch, White	8110237	228.000	Ft
0790	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0800	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0810	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0820	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0830	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0850	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0860	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0870	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0880	Sign Cover	8120310	1.000	Ea
0890	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0900	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	485.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	485.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	80.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	80.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	_ Railroad Protection, At Grade Crossing	8127060	10,000.000	Dlr
0970	_ Turf Establishment, Performance	8167011	2,607.000	Syd
0980	_ 1 inch Copper Service Lead, Type "K", Modified	8237001	65.000	Ft
0990	_ Water Main, C900 PVC, 8 inch, Bore and Jack	8237001	115.000	Ft
1000	_ Water Main, C909 PVC, 8 inch, Tr Det G, Modified	8237001	159.000	Ft
1010	_ Connect to Existing Water Main	8237050	3.000	Ea
1020	_ Curb Box, Stop, 1 inch Corporation Stop and Connection, Modified	8237050	1.000	Ea
1030	_ Gate Valve and Box, 8 inch, Modified	8237050	2.000	Ea
1040	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	3.000	Ea
1050	_ Testing and Chlorination of Water Main	8237051	1.000	LSUM

**Schedule of Pay Items**

Report v1

Letting Call: 190301 007**Letting Date:** March 1, 2019**Contract ID:** 82000-204746

Description: Deck patching, epoxy deck overlay, concrete deck overlay, bridge railing repair and approach work on Ann Arbor Trail over Middle River Rouge and Newburgh Road over Tonquish Creek, Wayne County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204746A	1900205	N/A	BHT 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,600.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	3,256.000	Syd
0030	Sidewalk, Rem	2040055	15.000	Syd
0040	Excavation, Earth	2050016	312.000	Cyd
0050	Granular Material, CI II	2050023	312.000	Cyd
0060	Erosion Control, Filter Bag	2080014	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0080	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0090	Erosion Control, Turbidity Curtain, Shallow	2080044	280.000	Ft
0100	_ Aggregate Base, 21AA	3027031	237.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0120	Dr Structure Cover, Type K	4030050	6.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0140	Cold Milling HMA Surface	5010002	1,357.000	Syd
0150	HMA, 13A	5010033	155.000	Ton
0160	Conc Pavt, Nonreinf, 9 inch	6020106	45.000	Syd
0170	Conc Pavt, Nonreinf, 10 inch	6020108	1,417.000	Syd
0180	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	1,563.000	Syd
0190	Joint, Contraction, Cp	6020200	1,290.000	Ft
0200	Joint, Expansion, E2	6020207	208.000	Ft
0210	Joint, Contraction, Crg	6030020	2,109.000	Ft
0220	Lane Tie, Epoxy Anchored	6030030	768.000	Ea
0230	Pavt Repr, Nonreinf Conc, 10 inch	6030048	622.000	Syd
0240	Pavt Repr, Rem	6030080	622.000	Syd
0250	Resealing Trans Joints with Hot-Poured Rubber	6030100	5,000.000	Ft
0260	Resealing Longit Joints with Hot-Poured Rubber	6030101	5,100.000	Ft
0270	_ Full Depth Conc Longit Joint, Repr	6037001	54.000	Ft

0280	Structural Steel, Mixed, Erect	7070050	329.000	Lb
0290	Structural Steel, Mixed, Furn and Fab	7070051	329.000	Lb
0300	Bolt, Adhesive Anchored, 3/4 inch	7120042	32.000	Ea
0310	Sidewalk, Conc, 4 inch	8030044	128.000	Sft
0320	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea
0330	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,600.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,900.000	Ft
0350	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0380	Channelizing Device, 42 inch, Furn	8120030	225.000	Ea
0390	Channelizing Device, 42 inch, Oper	8120031	225.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,500.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,500.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,700.000	Ft
0460	Plastic Drum, High Intensity, Furn	8120250	62.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	62.000	Ea
0480	Sign Cover	8120310	30.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	1,395.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	1,395.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	500.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	500.000	Sft
0530	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Yellow, Cross Hatching	8127001	225.000	Ft
0540	Slope Restoration, Type C	8160102	178.000	Syd

Section: 2

0550	Joint, Expansion, E3	6020208	142.000	Ft
0560	Conc Pavt, Bridge Approach, Reinf	6020600	232.000	Syd
0570	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0580	Bridge Ltg, Oper and Maintain	7060002	43.000	Cyd
0590	Conc, Grade D	7060010	5.000	Cyd
0600	Reinforcement, Steel, Epoxy Coated	7060092	4,461.000	Lb
0610	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0620	Superstructure Conc, Night Casting	7060113	43.000	Cyd
0630	Hand Chipping, Deep	7120004	30.000	Syd
0640	Hand Chipping, Other Than Deck	7120007	350.000	Cft
0650	Patch, Forming	7120017	790.000	Sft
0660	Epoxy Ovly	7120020	287.000	Syd

0670	Bridge Deck Surface Construction	7120025	255.000	Syd
0680	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0690	Reinforcement, Mechanical Splice	7120084	174.000	Ea
0700	Patching Conc, C-L	7120112	14.000	Cyd
0710	Embedded Galvanic Anode	7120120	187.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 008

Letting Date: March 1, 2019

Contract ID: 41000-200863

Description: Bridge surface and partial beam removal and replacement, deck joint replacement and approach work on 10 Mile Road (West Division Street NE) over Rogue River, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200863A	1900215	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,100.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	75.000	Syd
0030	_ Aggregate Base, Modified	3027021	12.000	Cyd
0040	HMA, 2C	5010030	10.000	Ton
0050	HMA, 5E3	5010057	305.000	Ton
0060	_ Curb and Gutter, Conc, Det F4, Modified	8027001	48.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,000.000	Ft
0110	Rem Spec Mrkg	8110343	80.000	Sft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0140	Pedestrian Type II Channelizer, Temp	8120027	272.000	Ft
0150	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,000.000	Ft
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,100.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
0210	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, Turn Arrow	8120259	2.000	Ea
0240	Sign Cover	8120310	3.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	294.000	Sft

0260	Sign, Type B, Temp, Prismatic, Oper	8120351	294.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft

Section: 2

0290	_ Box Beam, Remove	2047050	5.000	Ea
0300	Backfill, Structure, CIP	2060002	15.000	Cyd
0310	Excavation, Fdn	2060010	25.000	Cyd
0320	_ HMA Removal, Modified	5017011	2,200.000	Syd
0330	Expansion Joint Device	7060050	192.000	Ft
0340	Expansion Joint Device, Cover Plate	7060051	30.000	Ft
0350	False Decking	7060060	19,456.000	Sft
0360	Reinforcement, Steel, Epoxy Coated	7060092	1,300.000	Lb
0370	_ Grout Repair	7067001	400.000	Ft
0380	_ Conc, Grade D, Modified	7067021	23.000	Cyd
0390	Bearing, Elastomeric, 1 inch	7070012	3,269.000	Sin
0400	Prest Conc Box Beam, Furn, 33 inch	7080071	383.000	Ft
0410	Prest Conc Box Beam, Erect, 33 inch	7080072	383.000	Ft
0420	_ Post Tensioning, Modified	7087051	1.000	LSUM
0430	Joint Waterproofing	7100001	96.000	Sft
0440	Membrane, Preformed Waterproofing	7100008	8,262.000	Sft
0450	_ Fiber Reinforced Polymer (FRP) Beam Strengthening System	7107010	1,150.000	Sft
0460	Hand Chipping, Other Than Deck	7120007	154.000	Cft
0470	Patch, Forming	7120017	922.000	Sft
0480	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	40.000	Ea
0490	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	120.000	Ea
0500	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0510	Deck Joint, Rem	7120071	192.000	Ft
0520	Patching Conc, C-L	7120112	3.000	Cyd
0530	Embedded Galvanic Anode	7120120	10.000	Ea
0540	_ Beam Patch, Non-Sag Mortar	7127020	154.000	Cft



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 009

Letting Date: March 1, 2019

Contract ID: 49555-130394

Description: 2.36 mi of hot mix asphalt resurfacing, shoulders and pavement markings on H-40 from M-117 to the Lower Millecoquins River bridge, Mackinac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130394A	1900180	N/A	STL 49555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,100.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,300.000	Ton
0030	_ Trenching - Modified	3077002	21.000	Sta
0040	HMA, 4E1	5010050	2,800.000	Ton
0050	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	24,900.000	Ft
0060	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	3,120.000	Ft
0070	Channelizing Device, 42 inch, Furn	8120030	64.000	Ea
0080	Channelizing Device, 42 inch, Oper	8120031	64.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	996.000	Ft
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	384.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	384.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 010

Letting Date: March 1, 2019

Contract ID: 35022-203271

Description: Guardrail removal and replacement on various routes, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203271A	1900(220)	N/A	HSIP 35022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	3,166.000	Ft
0030	_ Guardrail, Rem, Modified	2047001	144.000	Ft
0040	Guardrail, Type T	8070002	13.000	Ft
0050	Guardrail, Type MGS-8	8070004	6,687.000	Ft
0060	Guardrail, Curved, Type T	8070011	25.000	Ft
0070	Guardrail, Curved, Type MGS-8	8070012	550.000	Ft
0080	Guardrail Approach Terminal, Type 2M	8070044	24.000	Ea
0090	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0100	Guardrail Departing Terminal, Type MGS	8070052	9.000	Ea
0110	Guardrail Reflector	8070080	330.000	Ea
0120	_ Guardrail, Type T, Modified	8077001	144.000	Ft
0130	_ Guardrail Anch, Bridge, Det T-1, Modified	8077050	4.000	Ea
0140	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
0150	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0220	_ Minor Traf Devices, Modified	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 011

Letting Date: March 1, 2019

Contract ID: 50000-203253-2

Description: 0.61 mi of shared-use path rehabilitation including hot mix asphalt base crushing, shaping and resurfacing on the Macomb Orchard Trail from northeast of 32 Mile Road to west of Powell Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203253A	1800989	N/A	EMRP 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,600.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	6,448.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0040	HMA Base Crushing and Shaping	3050002	4,000.000	Syd
0050	Shared use Path, HMA	8060040	865.000	Ton
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	150.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	150.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Water, Sodding/Seeding	8160090	45.000	Unit
0190	_ Turf Establishment	8167011	4,299.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 012

Letting Date: March 1, 2019

Contract ID: 81000-203554

Description: 1.04 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on Industrial Drive from Bemis Road to Woodland Drive, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203554A	1900170	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	859.000	Ft
0030	Pavt, Rem	2040050	1,102.000	Syd
0040	Sidewalk, Rem	2040055	173.000	Syd
0050	Excavation, Earth	2050016	128.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0070	_ Geotextile Separator, Special	3087011	19,416.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	26.000	Ea
0090	Dr Structure Cover, Type K	4030050	1.000	Ea
0100	_ Utility Structure Cover, Adj, Case 1	4037050	11.000	Ea
0110	Cold Milling HMA Surface	5010002	21,722.000	Syd
0120	Hand Patching	5010025	50.000	Ton
0130	HMA, 2C	5010030	184.000	Ton
0140	HMA, 3C	5010031	1,154.000	Ton
0150	HMA, 4C	5010032	2,343.000	Ton
0160	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	278.000	Syd
0170	Curb and Gutter, Conc, Det F4	8020038	494.000	Ft
0180	Curb and Gutter, Conc, Det F6	8020040	285.000	Ft
0190	Detectable Warning Surface	8030010	67.000	Ft
0200	Curb Ramp Opening, Conc	8030030	72.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	784.000	Sft
0220	Sidewalk, Conc, 4 inch	8030044	4,761.000	Sft
0230	Post, Steel, 3 lb	8100371	309.000	Ft
0240	Sign, Type III, Rem	8100403	79.000	Ea
0250	Sign, Type IIIB	8100405	273.000	Sft
0260	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,301.000	Ft
0270	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	15,600.000	Ft

0280	Pavt Mrkg, Polyurea, 6 inch, White	8110094	3,598.000	Ft
0290	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	6.000	Ea
0300	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	934.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	166.000	Ft
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	8.000	Ea
0330	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0340	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0350	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Plastic Drum, High Intensity, Furn	8120250	115.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	115.000	Ea
0430	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0440	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	595.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	595.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	98.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	98.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Mulch	8160025	500.000	Syd
0510	Seeding, Mixture THM	8160039	9.000	Lb
0520	Topsoil Surface, Furn, 3 inch	8160061	500.000	Syd
0530	Wireless Vehicle Sensor Node, Salv	8200427	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 013

Letting Date: March 1, 2019

Contract ID: 41000-203331

Description: Signal modernization including signal head, backplates, pedestrian signal, controller and cabinet, sidewalk and pavement markings at several intersections along Division Avenue and Leonard 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
203331A	1900222	N/A	HSIP 41000
203408A	FED/LOCAL	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,700.00	1500001	1.000	LSUM
0020	_ Curb and Gutter, Rem, Modified	2047001	419.000	Ft
0030	_ Pavt, Rem, Modified	2047011	105.000	Syd
0040	_ Sidewalk, Rem, Modified	2047011	376.000	Syd
0050	_ Bollard, Rem	2047050	1.000	Ea
0060	Hand Patching	5010025	14.000	Ton
0070	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	309.000	Ft
0080	Curb Ramp Opening, Conc	8030030	110.000	Ft
0090	Sidewalk Ramp, Conc, 6 inch	8030036	3,367.000	Sft
0100	_ Detectable Warning Surface, Modified	8037001	191.000	Ft
0110	Band, Sign	8100010	16.000	Ea
0120	Sign, Type III, Rem	8100403	23.000	Ea
0130	Sign, Type IIIB	8100405	44.000	Sft
0140	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,975.000	Ft
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	600.000	Ft
0160	Rem Spec Mrkg	8110343	2,677.000	Sft
0170	Recessing Pavt Mrkg, Transv	8110451	2,533.000	Sft
0180	_ Pavt Mrkg, Performed Thermopl, Directional Arrow Symbol, Bike	8117050	2.000	Ea
0190	_ Pavt Mrkg, Performed Thermopl, Lt Turn Arrow Symbol	8117050	16.000	Ea
0200	_ Pavt Mrkg, Performed Thermopl, Rt Turn Arrow Symbol	8117050	6.000	Ea
0210	_ Pavt Mrkg, Performed Thermopl, Sharrow Symbol	8117050	1.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	225.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	225.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Sign, Portable, Changeable Message, Furn	8120330	8.000	Ea
0290	Sign, Portable, Changeable Message, Oper	8120331	8.000	Ea
0300	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0310	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	725.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	725.000	Sft
0340	_ Bollard	8157050	1.000	Ea
0350	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0360	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
0370	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
0380	Hh, Round	8190260	1.000	Ea
0390	Cable, Sec, 600V, 1, 3/C#6	8190399	2,100.000	Ft
0400	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
0410	Case Sign, Rem	8200020	18.000	Ea
0420	Controller and Cabinet, Rem	8200030	6.000	Ea
0430	Controller and Cabinet, Digital Type	8200031	5.000	Ea
0440	Controller Fdn, Base Mount	8200045	1.000	Ea
0450	Controller Fdn, Rem	8200046	1.000	Ea
0460	Global Positioning System Module, Rem	8200053	1.000	Ea
0470	Global Positioning System Module, Salv	8200054	1.000	Ea
0480	Pedestal Fdn, Rem	8200106	2.000	Ea
0490	Pedestal, Rem	8200110	2.000	Ea
0500	Serv Disconnect	8200135	5.000	Ea
0510	Span Wire	8200140	20.000	Ea
0520	Span Wire, Rem	8200141	17.000	Ea
0530	Span Wire Tether	8200142	20.000	Ea
0540	Strain Pole, Steel, Anchor Base, 36 foot	8200157	2.000	Ea
0550	Strain Pole, Steel, Anchor Fdn	8200165	2.000	Ea
0560	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
0570	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	16.000	Ea
0580	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0590	TS, Span Wire Mtd, Rem	8200182	48.000	Ea
0600	TS, One Way Span Wire Mtd (LED)	8200313	36.000	Ea
0610	TS, One Way Span Wire Mtd, FYA (LED)	8200314	18.000	Ea
0620	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	7.000	Ea
0630	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	18.000	Ea
0640	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
0650	Hemispherical Video Detection Camera	8200444	4.000	Ea
0660	Hemispherical Video Detection System	8200445	4.000	Ea
0670	Casing	8200480	18.000	Ft
0680	Backplate, TS	8200501	61.000	Ea
0690	_ Opticom GPS System	8207050	1.000	Ea

0700	_ Opticom GPS System, Install Salv	8207050	4.000	Ea
0710	_ Opticom GPS System, Rem & Salv	8207050	4.000	Ea
0720	_ Opticom Infrared System, Install Salv	8207050	5.000	Ea
0730	_ Opticom Infrared System, Rem & Salv	8207050	6.000	Ea
0740	_ Road Side Unit, Modified	8207050	5.000	Ea
0750	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Modified	8207050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 014

Letting Date: March 1, 2019

Contract ID: 35141-130274

Description: 2.06 mi of hot mix asphalt resurfacing, aggregate shoulders, signing and pavement markings on Long Lake Road from Sherwood Drive north to Rose City Road, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130274A	FED/LOCAL	N/A	STL 35141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max 38,900.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	50.000	Syd
0030	Excavation, Earth	2050016	10.000	Cyd
0040	Aggregate Base	3020001	125.000	Ton
0050	Approach, CI II	3070021	190.000	Ton
0060	_ Trenching, Modified	3077002	214.000	Sta
0070	_ Shoulder, CI II, Modified	3077031	1,260.000	Ton
0080	Pavt, Cleaning	5010001	1.000	LSUM
0090	HMA Surface, Rem	5010005	50.000	Syd
0100	HMA, 13A	5010033	5,240.000	Ton
0110	HMA Approach	5010061	110.000	Ton
0120	Post, Mailbox	8070095	50.000	Ea
0130	Post, Steel, 3 lb	8100371	420.000	Ft
0140	Sign, Type III, Rem	8100403	40.000	Ea
0150	Sign, Type IIIA	8100404	69.000	Sft
0160	Sign, Type IIIB	8100405	104.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot Yellow	8100616	8.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,990.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,840.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,320.000	Ft
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0250	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Monument Box	8210001	1.000	Ea



1/25/2019 9:02 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 015

Letting Date: March 1, 2019

Contract ID: 04555-130315

Description: 2.47 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on French Road from south of Bloom Road north to Lacombe Road, Alpena County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130315A	N/A	N/A	EDD 04555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,600.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	100.000	Ton
0030	Shoulder, CI II	3070121	1,377.000	Ton
0040	HMA, 13A	5010033	2,880.000	Ton
0050	HMA Approach	5010061	20.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,400.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,000.000	Ft
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	522.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	Monument Box Adjust	8210005	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 016

Letting Date: March 1, 2019

Contract ID: 63000-203459

Description: 0.95 mi of hot mix asphalt cold milling and resurfacing, concrete driveway, curb and gutter, drainage, signing, structure adjustments, traffic signal and pavement markings on Pinecrest Drive from 8 Mile Road to 9 Mile Road in the city of Ferndale, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203459A	1900212	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$172,100.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	_ Curb and Gutter, Rem, Modified	2047001	10,200.000	Ft
0040	_ Pavt, Rem, Modified	2047011	1,800.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	600.000	Syd
0060	_ Subgrade Undercutting, 1x3 CC, Modified	2057021	250.000	Cyd
0070	_ Subgrade Undercutting, 21AA, Modified	2057021	500.000	Cyd
0080	_ Erosion Control, WRC Inlet Filter, Modified	2087050	41.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base, 4 inch	3020010	6,000.000	Syd
0110	_ Maintenance Gravel, LM, Modified	3067021	700.000	Cyd
0120	Dr Structure Cover, Adj, Case 1, Modified	4030004	93.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	100.000	Ft
0140	_ Dr Structure Cover, Type B, Modified	4037050	10.000	Ea
0150	_ Dr Structure Cover, Type D, Modified	4037050	39.000	Ea
0160	_ Dr Structure, Temp Lowering, Modified	4037050	52.000	Ea
0170	Pavt, Cleaning	5010001	1.000	LSUM
0180	Cold Milling HMA Surface	5010002	22,000.000	Syd
0190	Pavt Joint and Crack Repr, Det 7	5010020	2,000.000	Ft
0200	Hand Patching	5010025	100.000	Ton
0210	HMA, 4E3	5010051	2,500.000	Ton
0220	HMA, 5E3	5010057	1,800.000	Ton
0230	HMA Approach	5010061	350.000	Ton
0240	_ Conc Base, Grade P1, Modified	6027001	10,000.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	250.000	Ea
0260	Driveway, Nonreinf Conc, 6 inch	8010005	1,400.000	Syd
0270	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	500.000	Syd

0280	Driveway Opening, Conc, Det M	8020050	400.000	Ft
0290	_ Curb and Gutter, Conc, Det F2, Modified	8027001	9,400.000	Ft
0300	Curb Ramp Opening, Conc	8030030	300.000	Ft
0310	Sidewalk Ramp, Conc, 4 inch	8030034	2,400.000	Sft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	1,800.000	Sft
0330	Sidewalk, Conc, 4 inch	8030044	900.000	Sft
0340	_ Detectable Warning Surface, Modified	8037001	250.000	Ft
0350	Band, Sign	8100010	2.000	Ea
0360	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0370	Post, Steel, 3 lb	8100371	100.000	Ft
0380	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0390	Sign, Type III, Rem	8100403	17.000	Ea
0400	Sign, Type IIIB	8100405	70.000	Sft
0410	_ Post, Flexible Delineator, Modified	8107050	120.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	350.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	300.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	125.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	125.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	54.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	54.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0530	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	6,600.000	Ft
0540	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	8,800.000	Ft
0550	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	8,600.000	Ft
0560	Rem Spec Mrkg	8110343	1,550.000	Sft
0570	_ Pavt Mrkg, Regular Dry, 12 inch, Cross Hatching, Yellow	8117001	100.000	Ft
0580	_ Pavt Mrkg, Regular Dry, 6 inch, Cross Hatching, White	8117001	900.000	Ft
0590	_ Pavt Mrkg, Polymer Cement Surfacing, Green	8117010	4,500.000	Sft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
0620	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0630	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,500.000	Ft
0670	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	70.000	Ft
0680	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	1.000	Ea
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120235	400.000	Ft

	White, Temp			
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,500.000	Ft
0710	Plastic Drum, High Intensity, Furn	8120250	220.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	220.000	Ea
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0740	Sign Cover	8120310	20.000	Ea
0750	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0760	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	_ Pavt Mrkg, Type NR, Paint, Thru & Rt Turn Arrow, Modified	8127050	5.000	Ea
0790	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru & Lt Turn Arrow, Modified	8127050	2.000	Ea
0800	Water, Sodding/Seeding	8160090	65.000	Unit
0810	_ Hydroseeding	8167011	3,600.000	Syd
0820	_ Topsoil Surface, Furn, 2 inch, Modified	8167011	3,600.000	Syd
0830	Conduit, DB, 1, 1 1/4 inch	8190026	160.000	Ft
0840	Conduit, DB, 1, 3 inch	8190029	170.000	Ft
0850	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
0860	Conduit, DB, 3, 4 inch	8190036	10.000	Ft
0870	Hh, Round	8190260	7.000	Ea
0880	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
0890	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOG	8197001	90.000	Ft
0900	_ Conduit, Directional Bore, 2, 3 inch, RCOG	8197001	110.000	Ft
0910	_ Hh, Clean	8197050	4.000	Ea
0920	Case Sign, Rem	8200020	2.000	Ea
0930	Controller and Cabinet, Rem	8200030	1.000	Ea
0940	Controller Fdn, Base Mount	8200045	1.000	Ea
0950	Digital Loop Detector	8200055	1.000	Ea
0960	Fdn, Rem	8200065	4.000	Ea
0970	Pedestal, Fdn	8200105	6.000	Ea
0980	Pedestal Fdn, Rem	8200106	4.000	Ea
0990	Pedestal, Rem	8200110	4.000	Ea
1000	Push Button Station and Sign	8200128	8.000	Ea
1010	Serv Disconnect	8200135	1.000	Ea
1020	Serv Disconnect, Rem	8200136	1.000	Ea
1030	Span Wire, Rem	8200141	2.000	Ea
1040	Steel Pole, Rem	8200145	4.000	Ea
1050	Traf Loop, Presence	8200171	2.000	Ea
1060	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1070	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
1080	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1090	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1100	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea

1110	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1120	TS Face, Bag	8200458	3.000	Ea
1130	TS Face, Bag, Rem	8200459	3.000	Ea
1140	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1150	Strain Pole Fdn, 6 Bolt	8200470	56.000	Ft
1160	Casing	8200480	42.000	Ft
1170	_ Case Sign, Two Way, 24 inch by 30 inch, Non- Illuminated, RCOC	8207050	1.000	Ea
1180	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
1190	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
1200	_ Hh, Square, RCOC	8207050	1.000	Ea
1210	_ LED Crosswalk Signal, Modified	8207050	2.000	Ea
1220	_ Pedestal, Alum, RCOC	8207050	5.000	Ea
1230	_ Pushbutton Support Post, RCOC	8207050	1.000	Ea
1240	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1250	_ Street Name Sign, One Way, 8 foot, RCOC	8207050	2.000	Ea
1260	_ Street Name Sign, Two Way, 8 foot, RCOC	8207050	1.000	Ea
1270	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1280	_ Irrigation System Repr, Pipe, Modified	8507001	1,000.000	Ft
1290	_ Irrigation System Repr, Head, Modified	8507050	100.000	Ea
1300	_ Irrigation System Repr, Valve, Modified	8507050	10.000	Ea
1310	_ Remibursed Permit Fees	8507060	8,600.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 017

Letting Date: March 1, 2019

Contract ID: 77111-204176

Description: Bridge rehabilitation including deck patching, epoxy overlay, expansion joint replacement and pavement markings on 32 structures along I-94 from Meisner Road to Water Street in the city of Port Huron, St. Clair County. This project includes a 5 year thin epoxy overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204176A	N/A	N/A	GF19 77111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$224,900.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	48.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,335.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,108.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	18,872.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	7,440.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,440.000	Ft
0080	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0110	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0140	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0150	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0160	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0170	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	4.000	Ea
0180	Conc Barrier, Temp, Adj	8120080	680.000	Ft
0190	Conc Barrier, Temp, Furn	8120081	680.000	Ft
0200	Conc Barrier, Temp, Oper	8120082	680.000	Ft
0210	Conc Barrier, Temp, Relocated	8120083	1,360.000	Ft
0220	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0230	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg Cover, Type R, Black	8120200	11,100.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,700.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,700.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0320	PTS System, Temp, Furn	8120270	1.000	Ea
0330	PTS System, Temp, Oper	8120271	1.000	Ea
0340	Sign Cover	8120310	6.000	Ea
0350	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0370	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0380	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	2,600.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	2,600.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Traf Speed Sensor, Portable, Temp	8127050	2.000	Ea
0450	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0460	TS Face, Bag	8200458	1.000	Ea
0470	TS Face, Bag, Rem	8200459	1.000	Ea

Section: 2

0480	Joint, Expansion, E3	6020208	3,382.000	Ft
0490	Expansion Joint Device	7060050	340.000	Ft
0500	Reinforcement, Steel, Epoxy Coated	7060092	3,525.000	Lb
0510	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7067010	7,128.000	Sft
0520	_ Conc, Deck Joint Replacement	7067021	38.000	Cyd
0530	Hand Chipping, Shallow	7120003	456.000	Syd
0540	Hand Chipping, Deep	7120004	336.000	Syd
0550	Hand Chipping, Other Than Deck	7120007	95.000	Cft
0560	Patch, Forming	7120017	190.000	Sft
0570	Deck Joint, Rem	7120071	341.000	Ft
0580	Reinforcement, Mechanical Splice	7120084	64.000	Ea
0590	Patching Conc, C-L	7120112	95.000	Cyd
0600	Embedded Galvanic Anode	7120120	95.000	Ea
0610	_ Priority 1, Epoxy Ovly, Warranty	7127011	39,052.000	Syd
0620	_ Railroad Inspection and Flagging	8507060	24,000.000	Dlr
0630	_ Railroad Protection	8507060	2,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 018

Letting Date: March 1, 2019

Contract ID: 82023-79788

Description: 5.20 mi of concrete and hot mix asphalt pavement repairs, cold milling and resurfacing, concrete pavement, curb and gutter, and bridge rehabilitation of 6 structures including concrete deck replacement and patching, concrete overlay, epoxy overlay, beam repair, heat straightening, cleaning and coating, and pavement markings on 24th Street over I-94, on CSX Railroad over I-94, on Conrail Railroad over I-94, on GTW and Conrail Railroad over I-94, on I-94 eastbound ramp to M-10 over I-94 westbound and M-10 and on Warren Avenue over I-94 in the city of Detroit, Wayne County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116189A	FED/STATE	N/A	BHI 82023
203811A	N/A	N/A	M 82023
206015A	N/A	N/A	M 82023
79788A	FED/STATE	N/A	IM 82023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,608,500.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	1.000	Ea
0030	Dr Structure, Rem	2030011	6.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	25.000	Ft
0050	Conc Barrier, Rem	2040010	141.000	Ft
0060	Curb and Gutter, Rem	2040020	3,027.000	Ft
0070	Pavt, Rem	2040050	2,076.000	Syd
0080	Exploratory Investigation, Vertical	2040080	100.000	Ft
0090	Embankment, CIP	2050010	267.000	Cyd
0100	Excavation, Earth	2050016	2,761.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	496.000	Ea
0120	Erosion Control, Silt Fence	2080036	80.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	1,155.000	Cyd
0150	Aggregate Base, 6 inch	3020016	2,331.000	Syd
0160	_ Open-Graded Dr Cse, 16 inch	3037011	735.000	Syd
0170	Shoulder, CI II, 7 inch	3070129	69.000	Syd
0180	Geotextile, Separator	3080005	838.000	Syd
0190	Dr Marker Post	4011109	1.000	Ea
0200	Sewer, CI E, 12 inch, Tr Det B	4020600	54.000	Ft
0210	Dr Structure Cover, Adj, Case 1, Modified	4030004	29.000	Ea

0220	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0230	Dr Structure Cover, Type B	4030010	8.000	Ea
0240	Dr Structure Cover, Type CX	4030020	9.000	Ea
0250	Dr Structure Cover, Type D	4030025	23.000	Ea
0260	Dr Structure Cover, Type DX	4030030	2.000	Ea
0270	Dr Structure, 48 inch dia	4030210	7.000	Ea
0280	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0290	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0300	Drop Inlet, Type 1	4030395	2.000	Ea
0310	Underdrain, Pipe, Open-Graded, 6 inch	4040043	245.000	Ft
0320	Underdrain, Subbase, 6 inch	4040063	1,314.000	Ft
0330	Underdrain Outlet, 6 inch	4040093	25.000	Ft
0340	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0350	Pavt, Cleaning	5010001	1.000	LSUM
0360	Cold Milling HMA Surface	5010002	273,707.000	Syd
0370	HMA Surface, Rem	5010005	1,773.000	Syd
0380	HMA Quality Initiative	5010007	112,432.000	Dlr
0390	Longitudinal Joint Density Quality Initiative	5010018	271,396.000	Dlr
0400	Pavt Joint and Crack Repr, Det 7	5010020	15,840.000	Ft
0410	Hand Patching	5010025	792.000	Ton
0420	HMA Approach	5010061	2,556.000	Ton
0430	HMA, 4E30, High Stress	5010511	26,668.000	Ton
0440	HMA Approach, High Stress	5010520	6,198.000	Ton
0450	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	20,002.000	Ton
0460	Conc Base Cse, Nonreinf, 10 inch	6020023	321.000	Syd
0470	Conc Pavt, Curing Horizontal Surfaces	6020159	574.000	Syd
0480	Joint, Contraction, Cp	6020200	591.000	Ft
0490	Joint, Contraction, C3p	6020201	329.000	Ft
0500	Joint, Expansion, E2	6020207	96.000	Ft
0510	Joint, Expansion, E3	6020208	197.000	Ft
0520	Joint, Expansion, E4	6020209	36.000	Ft
0530	Shoulder, Nonreinf Conc	6020222	305.000	Syd
0540	Conc Quality Initiative	6020401	1,101.000	Dlr
0550	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	165.000	Syd
0560	Shoulder, Nonreinf Conc, High Performance	6020524	102.000	Syd
0570	Cement	6030005	57.000	Ton
0580	Joint, Contraction, Crg	6030020	3,691.000	Ft
0590	Joint, Expansion, Erg	6030021	28.000	Ft
0600	Lane Tie, Epoxy Anchored	6030030	2,314.000	Ea
0610	Non-Chloride Accelerator	6030035	1,098.000	Gal
0620	Saw Cut, Intermediate	6030090	360.000	Ft
0630	_ Pavt Repr, Nonreinf Conc, 14 inch	6037011	1,360.000	Syd
0640	Steel Sheet Piling, Temp, Left in Place	7040003	700.000	Sft
0650	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	307.000	Syd

0660	_ Conduit, Clean and Test	8007001	1,165.000	Ft
0670	_ Fiber Optic, Cable, Reinstall	8007001	1,620.000	Ft
0680	_ Fiber Optic, Cable, Rem	8007001	1,620.000	Ft
0690	_ Hh, Clean	8007050	7.000	Ea
0700	_ System Testing	8007051	1.000	LSUM
0710	Curb and Gutter, Conc, Det D3	8020032	1,500.000	Ft
0720	_ Curb and Gutter, Conc, Det D3, Modified	8027001	1,532.000	Ft
0730	_ Curb and Gutter, Conc, Det F5, Modified	8027001	45.000	Ft
0740	_ Valley Gutter, Conc, Modified	8027001	223.000	Ft
0750	_ Conc Barrier, Single Face, Type A, Modified	8047001	142.000	Ft
0760	Sign, Type II, Rem	8100397	2.000	Ea
0770	Sign, Type IIB	8100399	32.000	Sft
0780	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0790	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	680.000	Ft
0800	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	950.000	Ft
0810	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,310.000	Ft
0820	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,240.000	Ft
0830	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	85.000	Ft
0840	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,120.000	Ft
0850	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0860	Recessing Pavt Mrkg, Longit	8110450	152,411.000	Ft
0870	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	27,072.000	Ft
0880	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	54,703.000	Ft
0890	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	17,510.000	Ft
0900	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	53,126.000	Ft
0910	Barricade, Type III, High Intensity, Lighted, Furn	8120022	141.000	Ea
0920	Barricade, Type III, High Intensity, Lighted, Oper	8120023	141.000	Ea
0930	Pedestrian Type II Barricade, Temp	8120026	21.000	Ea
0940	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
0950	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
0960	Conc Barrier, Temp, Furn	8120081	912.000	Ft
0970	Conc Barrier, Temp, Oper	8120082	912.000	Ft
0980	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	1.000	Ea
0990	High Intensity Light, Type B, Furn	8120110	3.000	Ea
1000	High Intensity Light, Type B, Oper	8120111	3.000	Ea
1010	Lighted Arrow, Type C, Furn	8120140	16.000	Ea
1020	Lighted Arrow, Type C, Oper	8120141	16.000	Ea
1030	Ltg for Night Work	8120160	1.000	LSUM
1040	Minor Traf Devices	8120170	1.000	LSUM
1050	Mobile Attenuator	8120180	10.000	Ea
1060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,100.000	Ft
1070	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,200.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	12,600.000	Ft

	White, Temp			
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
1100	Plastic Drum, Fluorescent, Furn	8120252	1,500.000	Ea
1110	Plastic Drum, Fluorescent, Oper	8120253	1,500.000	Ea
1120	Sign Cover	8120310	70.000	Ea
1130	Sign Cover, Type 1	8120320	8.000	Ea
1140	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	18.000	Ea
1150	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	18.000	Ea
1160	Sign, Type A, Temp, Prismatic, Furn	8120340	1,703.000	Sft
1170	Sign, Type A, Temp, Prismatic, Oper	8120341	1,703.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	5,074.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	5,074.000	Sft
1200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	310.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	310.000	Sft
1220	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	216.000	Ft
1230	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	216.000	Ft
1240	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	24.000	Ea
1250	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	24.000	Ea
1260	Slope Restoration, Type B	8160101	1,007.000	Syd
1270	Conduit, DB, 2, 3 inch	8190032	505.000	Ft
1280	Conduit, Rem	8190140	910.000	Ft
1290	Hh, Adj	8190244	4.000	Ea
1300	Hh, Rem	8190254	3.000	Ea
1310	Hh, Replace Frame and Cover	8190258	2.000	Ea
1320	Hh, Round, 3 foot dia	8190259	3.000	Ea
1330	Conduit, Directional Bore, 2, 3 inch	8190604	400.000	Ft
1340	TS Face, Bag	8200458	1.000	Ea
1350	TS Face, Bag, Rem	8200459	1.000	Ea
1360	Shoulder Corrugations, Ground or Cut, HMA	8220001	490.000	Ft
1370	Contractor Staking	8240001	1.000	LSUM
1380	Staking Plan Errors and Extras, One Person	8240020	122.000	Hr
1390	Staking Plan Errors and Extras, Two Person	8240021	48.000	Hr
1400	Staking Plan Errors and Extras, Three Person	8240022	74.000	Hr
1410	Fiber Optic, Marker, Above Ground	8260069	5.000	Ea
1420	Flowable Fill, Non-Structural	8260148	2.000	Cyd

Section: 2

1430	Asbestos Materials, Rem and Disposal	2040001	121,100.000	Dlr
1440	Rem and Disposal of Asbestos Materials	2040002	25,000.000	Dlr
1450	Asbestos Survey (S11 of 82023)	2040003	1.000	LSUM
1460	_ Flowable Fill	2057021	28.000	Cyd
1470	Backfill, Structure, CIP	2060002	406.000	Cyd
1480	Excavation, Fdn	2060010	406.000	Cyd

1490	HMA Patch, Rem	5010006	37.000	Syd
1500	Bridge Ltg, Furn and Rem (S11 of 82023)	7060001	1.000	LSUM
1510	Bridge Ltg, Oper and Maintain	7060002	34.000	Cyd
1520	Conc, Grade D	7060010	201.000	Cyd
1530	Conduit, 3 inch	7060030	202.000	Ft
1540	Elec Grounding System	7060040	1.000	Ea
1550	Expansion Joint Device	7060050	801.000	Ft
1560	Expansion Joint Device, Cover Plate	7060051	35.000	Ft
1570	False Decking	7060060	20,045.000	Sft
1580	Reinforcement, Steel, Epoxy Coated	7060092	140,289.000	Lb
1590	Substructure Conc, High Performance	7060101	122.000	Cyd
1600	Superstructure Conc, Form, Finish, and Cure (S11 of 82023)	7060111	1.000	LSUM
1610	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11 of 82023)	7060112	1.000	LSUM
1620	Superstructure Conc, High Performance	7060116	25.000	Cyd
1630	Superstructure Conc, Night Casting, High Performance	7060117	34.000	Cyd
1640	Water Repellent Treatment, Penetrating	7060140	706.000	Syd
1650	_ Expansive Waterstop	7067001	1,151.000	Ft
1660	Bushing	7070030	32.000	Ea
1670	Shear Developers (S11 of 82023)	7070040	1.000	LSUM
1680	Structural Steel, Rolled Shape, Erect	7070070	39,690.000	Lb
1690	Structural Steel, Rolled Shape, Furn and Fab	7070071	39,690.000	Lb
1700	_ Structural Steel, Rem and Re-Erect (S11 of 82023)	7077051	1.000	LSUM
1710	Conc Surface Coating, Warranty (X01 of 82023)	7100009	1.000	LSUM
1720	Conc Surface Coating, Warranty (S25 of 82023)	7100009	1.000	LSUM
1730	Conc Surface Coating (S11 of 82023)	7100010	1.000	LSUM
1740	Penetrating Healer/Sealer, Bridge Deck	7100025	472.000	Syd
1750	Substructure Horizontal Surface Sealer (S15 of 82023)	7100030	16.000	Syd
1760	Substructure Horizontal Surface Sealer (X01 of 82023)	7100030	120.000	Syd
1770	Substructure Horizontal Surface Sealer (S25 of 82023)	7100030	350.000	Syd
1780	Substructure Horizontal Surface Sealer (X02 of 82023)	7100030	114.000	Syd
1790	Substructure Horizontal Surface Sealer (X02-8 of 82023)	7100030	71.000	Syd
1800	Bridge Railing, Aesthetic, Type 4, Det 1, Modified, High Performance	7110060	1,004.000	Ft
1810	_ Bridge Railing, Solid Parapet Type	7117001	67.000	Ft
1820	Hand Chipping, Shallow	7120003	3.000	Syd
1830	Hand Chipping, Deep	7120004	2.000	Syd
1840	Hand Chipping, Other Than Deck	7120007	1,887.000	Cft
1850	Patch, Full Depth	7120010	7.000	Cyd
1860	Patch, Forming	7120017	5,642.000	Sft
1870	Epoxy Ovly	7120020	748.000	Syd
1880	Epoxy Ovly, Rem	7120021	5.000	Syd

1890	Conc, Bridge Deck Ovly	7120023	612.000	Cyd
1900	Bridge Deck Surface Construction	7120025	4,770.000	Syd
1910	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	232.000	Ea
1920	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	2,262.000	Ea
1930	Structures, Rehabilitation, Rem Portions (X01 of 82023)	7120070	1.000	LSUM
1940	Structures, Rehabilitation, Rem Portions (S11 of 82023)	7120070	1.000	LSUM
1950	Structures, Rehabilitation, Rem Portions (S15 of 82023)	7120070	1.000	LSUM
1960	Structures, Rehabilitation, Rem Portions (S25 of 83023)	7120070	1.000	LSUM
1970	Deck Joint, Rem	7120071	758.000	Ft
1980	Latex Conc Surface, Rem	7120072	4,770.000	Syd
1990	Hydrodemolition, First Pass	7120076	4,770.000	Syd
2000	Hydrodemolition, Second Pass	7120077	477.000	Syd
2010	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
2020	Reinforcement, Mechanical Splice	7120084	166.000	Ea
2030	Filler Wall Conc	7120087	28.000	Cyd
2040	Masonry Plate, Grout	7120090	22.000	Ea
2050	Patching Conc, C-L	7120112	74.000	Cyd
2060	Embedded Galvanic Anode	7120120	8,643.000	Ea
2070	_ Adhesive Anchoring of Vertical Bar, 1 1/2 inch	7127050	144.000	Ea
2080	Beam Plate, Seal Perimeter	7130010	66,661.000	Ft
2090	Hanger Assembly, Field Measurement	7130030	8.000	Ea
2100	Hanger Assembly, Rem and Erect	7130031	8.000	Ea
2110	Heat Straightening Steel (S15 of 82023)	7130040	1.000	LSUM
2120	Heat Straightening Steel (X02-8 of 82023)	7130040	1.000	LSUM
2130	Heat Straightening Steel (S11 of 82023)	7130040	1.000	LSUM
2140	Heat Straightening Steel (X01 of 82023)	7130040	1.000	LSUM
2150	Structural Steel, Furn and Fab, Pin and Hanger	7130070	1,655.000	Lb
2160	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	59,703.000	Lb
2170	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	2,672.000	Lb
2180	Support, Column, Temp	7130080	55.000	Ea
2190	Support, Diaphragm, Temp	7130081	6.000	Ea
2200	Protective Shield, Utility Pipe	7150025	568.000	Ft
2210	Steel Structure, Cleaning, Partial, Type 4 (X01 of 82023)	7150047	1.000	LSUM
2220	Steel Structure, Cleaning, Partial, Type 4 (X02 of 82023)	7150047	1.000	LSUM
2230	Steel Structure, Cleaning, Partial, Type 4 (X02-8 of 82023)	7150047	1.000	LSUM
2240	Steel Structure, Cleaning, Partial, Type 4 (S11 of 82023)	7150047	1.000	LSUM
2250	Steel Structure, Cleaning, Partial, Type 4 (S15 of 82023)	7150047	1.000	LSUM
2260	Steel Structure, Cleaning, Partial, Type 4 (S25 of 82023)	7150047	1.000	LSUM
2270	Steel Structure, Coating, Partial, Type 4 (S15 of	7150048	1.000	LSUM

	82023)			
2280	Steel Structure, Coating, Partial, Type 4 (X01 of 82023)	7150048	1.000	LSUM
2290	Steel Structure, Coating, Partial, Type 4 (X02 of 82023)	7150048	1.000	LSUM
2300	Steel Structure, Coating, Partial, Type 4 (X02-8 of 82023)	7150048	1.000	LSUM
2310	Steel Structure, Coating, Partial, Type 4 (S11 of 82023)	7150048	1.000	LSUM
2320	Steel Structure, Coating, Partial, Type 4 (S25 of 82023)	7150048	1.000	LSUM
2330	Field Repair of Damaged Coating (S15 of 82023)	7160001	1.000	LSUM
2340	Field Repair of Damaged Coating (X01 of 82023)	7160001	1.000	LSUM
2350	Field Repair of Damaged Coating (S11 of 82023)	7160001	1.000	LSUM
2360	Field Repair of Damaged Coating (S25 of 82023)	7160001	1.000	LSUM
2370	Field Repair of Damaged Coating (X02-8 of 82023)	7160001	1.000	LSUM
2380	Fence, Structure	8080110	528.000	Sft
2390	Slope Paving Header	8130015	125.000	Ft
2400	Slope Paving, Conc	8130020	432.000	Syd
2410	Conduit, Schedule 80 PVC, 4 inch, Structure	8190181	720.000	Ft
2420	Light Std Shaft, Install Salv	8190301	1.000	Ea
2430	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
2440	_ Railroad Inspection and Flagging - CN/GTW	8507060	60,000.000	Dlr
2450	_ Railroad Inspection and Flagging - CR	8507060	60,000.000	Dlr
2460	_ Railroad Inspection and Flagging - CSX	8507060	130,000.000	Dlr
2470	_ Railroad Protection - CN/GTW	8507060	20,000.000	Dlr
2480	_ Railroad Protection - CR	8507060	20,000.000	Dlr
2490	_ Railroad Protection - CSX	8507060	20,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 019

Letting Date: March 1, 2019

Contract ID: 34031-119006

Description: 7.02 mi of hot mix asphalt resurfacing, asphalt stabilized crack relief layer, concrete curb, gutter, joint replacement, culverts, drainage, guardrail, precast concrete box culvert, sinusoidal corrugations and pavement markings on M-66 from south of the south Ionia county line to north of Portland Road, Ionia County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119006A	N/A	N/A	GF19 34031
129248A	1900311	N/A	ST 34031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$878,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	35.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	10.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0060	Curb and Gutter, Rem	2040020	2,278.000	Ft
0070	Pavt, Rem	2040050	552.000	Syd
0080	Structures, Rem	2040060	1.000	LSUM
0090	Ditch Cleanout	2050006	33.000	Sta
0100	Excavation, Channel	2050015	450.000	Cyd
0110	Excavation, Earth	2050016	17,317.000	Cyd
0120	Machine Grading	2050030	380.000	Sta
0130	_ Embankment, CIP, Special	2057021	12,332.000	Cyd
0140	Aggregate, 6A	2060001	40.000	Cyd
0150	Backfill, Structure, CIP	2060002	990.000	Cyd
0160	Excavation, Fdn	2060010	1,054.000	Cyd
0170	_ Leaching Trench	2067001	43,270.000	Ft
0180	Erosion Control, Check Dam, Stone	2080012	117.000	Ft
0190	Erosion Control, Filter Bag	2080014	4.000	Ea
0200	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0230	Erosion Control, Sediment Trap	2080034	8.000	Ea
0240	Erosion Control, Silt Fence	2080036	2,671.000	Ft
0250	Subbase, CIP	3010002	1,156.000	Cyd
0260	Aggregate Base	3020001	3,015.000	Ton

0270	Aggregate Base, 6 inch	3020016	61,862.000	Syd
0280	Aggregate Base, Conditioning	3020050	11,129.000	Syd
0290	Maintenance Gravel	3060020	500.000	Ton
0300	Approach, CI II	3070021	1,406.000	Ton
0310	_ Shoulder, CI II, 5.5 inch, Modified	3077011	7,183.000	Syd
0320	_ Shoulder, CI II, 6.5 inch, Modified	3077011	9,778.000	Syd
0330	Culv End Sect, 12 inch	4010012	50.000	Ea
0340	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0350	Culv, CI A, Conc, 15 inch	4010166	8.000	Ft
0360	Culv, CI A, Conc, 18 inch	4010167	60.000	Ft
0370	Culv, CI A, Conc, 24 inch	4010168	4.000	Ft
0380	Culv, CI F, 12 inch	4010607	764.000	Ft
0390	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	1.000	Ea
0400	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	5.000	Ea
0410	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0420	Sewer, CI A, 12 inch, Tr Det B	4020033	16.000	Ft
0430	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0440	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0450	Underdrain, Fdn, 4 inch	4040031	592.000	Ft
0460	Underdrain, Subbase, 6 inch	4040063	764.000	Ft
0470	Underdrain Outlet, 6 inch	4040093	368.000	Ft
0480	Underdrain, Outlet Ending, 6 inch	4040113	17.000	Ea
0490	Culv Bedding, Box Culv	4060005	73.000	Cyd
0500	_ Culv, Precast Conc Box, 10 foot by 8 foot and Wingwalls	4067001	91.000	Ft
0510	_ Culv, Precast Conc Box, 4 foot by 4 foot and Wingwalls	4067001	57.000	Ft
0520	Cold Milling HMA Surface	5010002	24,598.000	Syd
0530	Bump Grinding	5010004	100.000	Syd
0540	HMA Surface, Rem	5010005	42,800.000	Syd
0550	HMA Quality Initiative	5010007	70,382.000	Dlr
0560	Pavt for Butt Joints, Rem	5010008	885.000	Syd
0570	Longitudinal Joint Density Quality Initiative	5010018	287,990.000	Dlr
0580	Hand Patching	5010025	60.000	Ton
0590	HMA, 4E3	5010051	17,415.000	Ton
0600	HMA, 5E3	5010057	13,346.000	Ton
0610	HMA Approach	5010061	4,370.000	Ton
0620	HMA, Temp Pavt (5E3)	5010806	1,515.000	Ton
0630	_ Asphalt Stabilized Crack Relief Layer	5017031	14,183.000	Ton
0640	_ Ride Incentive	5017060	45,400.000	Dlr
0650	Conc Pavt, Curing Horizontal Surfaces	6020159	318.000	Syd
0660	Joint, Contraction, Cp	6020200	196.000	Ft
0670	Conc Quality Initiative	6020401	180.000	Dlr
0680	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	318.000	Syd
0690	Joint, Contraction, Crg	6030020	25,102.000	Ft

0700	Joint, Expansion, Erg	6030021	902.000	Ft
0710	Lane Tie, Epoxy Anchored	6030030	4,725.000	Ea
0720	Non-Chloride Accelerator	6030035	305.000	Gal
0730	Pavt Repr, Nonreinf Conc, 9 inch	6030046	9,366.000	Syd
0740	Pavt Repr, Rem	6030080	9,366.000	Syd
0750	Saw Cut, Intermediate	6030090	220.000	Ft
0760	_ Bypass Pumping	7047050	2.000	Ea
0770	_ Construction Dam	7047050	2.000	Ea
0780	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0790	Driveway, Nonreinf Conc, 9 inch	8010008	212.000	Syd
0800	Curb and Gutter, Conc, Det B2	8020016	1,005.000	Ft
0810	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0820	Shoulder Gutter, Conc, Det 3	8020057	7.000	Ea
0830	Spillway, Conc	8020075	95.000	Ft
0840	Guardrail, Type MGS-8	8070004	1,846.000	Ft
0850	Guardrail, Curved, Type B	8070010	189.000	Ft
0860	Guardrail Approach Terminal, Type 2M	8070044	16.000	Ea
0870	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0880	Guardrail Post, Culv	8070070	12.000	Ea
0890	Guardrail, Salv	8070075	3,930.000	Ft
0900	Guardrail Reflector	8070080	112.000	Ea
0910	Post, Mailbox	8070095	60.000	Ea
0920	_ Guardrail Long Span, Det MGS-2	8077050	2.000	Ea
0930	Delineator Reflector, Green	8100133	100.000	Ea
0940	Fdn, Wood Support, Rem	8100280	16.000	Ea
0950	Delineator, Rem	8100349	50.000	Ea
0960	Post, Rigid, Delineator	8100361	100.000	Ea
0970	Post, Steel, 3 lb	8100371	1,300.000	Ft
0980	Post, Wood, 4 inch by 6 inch	8100380	200.000	Ft
0990	Sign, Type II, Erect, Salv	8100396	27.000	Ea
1000	Sign, Type II, Rem	8100397	27.000	Ea
1010	Sign, Type III, Erect, Salv	8100402	85.000	Ea
1020	Sign, Type III, Rem	8100403	85.000	Ea
1030	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	10,000.000	Ft
1040	Pavt Mrkg, Polyurea, 6 inch, White	8110094	74,300.000	Ft
1050	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1060	Recessing Pavt Mrkg, Longit	8110450	84,300.000	Ft
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	56.000	Ea
1080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	56.000	Ea
1090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
1100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
1110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

1130	Minor Traf Devices	8120170	1.000	LSUM
1140	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
1150	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	37,080.000	Ft
1160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	37,120.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	37,140.000	Ft
1180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,600.000	Ft
1190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,300.000	Ft
1200	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea
1210	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea
1220	Sign Cover	8120310	30.000	Ea
1230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1250	Sign, Type B, Temp, Prismatic, Furn	8120350	3,100.000	Sft
1260	Sign, Type B, Temp, Prismatic, Oper	8120351	3,100.000	Sft
1270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	500.000	Sft
1280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	500.000	Sft
1290	Traf Regulator Control	8120370	1.000	LSUM
1300	_ Pavt Mrkg, Type NR, Paint, Thru Arrow Sym	8127050	20.000	Ea
1310	Riprap, Plain	8130010	51.000	Syd
1320	_ Riprap, Special, Class III	8137031	622.000	Ton
1330	Slope Restoration, Type A	8160100	70,000.000	Syd
1340	Slope Restoration, Type B	8160101	55,000.000	Syd
1350	Slope Restoration, Type C	8160102	10,000.000	Syd
1360	Monument Box	8210001	12.000	Ea
1370	Monument Preservation	8210010	12.000	Ea
1380	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	35,750.000	Ft
1390	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	66,800.000	Ft
1400	Contractor Staking, Road Only	8240007	1.000	LSUM
1410	Staking Plan Errors and Extras, One Person	8240020	71.000	Hr
1420	Staking Plan Errors and Extras, Two Person	8240021	29.000	Hr
1430	Staking Plan Errors and Extras, Three Person	8240022	43.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 020

Letting Date: March 1, 2019

Contract ID: 76024-201422

Description: 4.45 mi of concrete pavement repairs and reconstruction, hot mix asphalt paving, earthwork, drainage, and pavement markings on I-69 from Bath Road to east of M-52, Shiawassee County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201422A	FED/STATE	N/A	IM 76024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$688,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Dr Structure, Rem	2030011	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	712.000	Ft
0050	Pavt, Rem	2040050	8,100.000	Syd
0060	Embankment, CIP	2050010	3,510.000	Cyd
0070	Excavation, Earth	2050016	26,340.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	_ Phragmites Plant Material Handling and Disposal, LM	2057021	2,000.000	Cyd
0100	_ BackFill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	3,350.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0120	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0150	Erosion Control, Sediment Trap	2080034	5.000	Ea
0160	Erosion Control, Silt Fence	2080036	900.000	Ft
0170	Subbase, CIP	3010002	10,800.000	Cyd
0180	Aggregate Base, 6 inch	3020016	7,500.000	Syd
0190	Open-Graded Dr Cse, 6 inch	3030006	6,860.000	Syd
0200	_ Shoulder, CI II, 11 inch, Modified	3077011	940.000	Syd
0210	_ Shoulder, CI II, 9 inch, Modified	3077011	2,190.000	Syd
0220	_ Shoulder, CI II, Modified	3077031	620.000	Ton
0230	_ Geotextile, Separator, Non-Woven	3087011	30,160.000	Syd
0240	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0250	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0260	Culv, CI A, Conc, 24 inch	4010168	192.000	Ft

0270	Sewer, CI A, 12 inch, Tr Det B	4020033	712.000	Ft
0280	Sewer Tap, 12 inch	4021204	1.000	Ea
0290	Dr Structure Cover, Type G	4030040	5.000	Ea
0300	Dr Structure, 24 inch dia	4030200	2.000	Ea
0310	Dr Structure, 48 inch dia	4030210	1.000	Ea
0320	Dr Structure, 60 inch dia	4030220	2.000	Ea
0330	Underdrain, Subbase, 6 inch	4040063	1,400.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	470.000	Ft
0350	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0360	Bump Grinding	5010004	80.000	Syd
0370	HMA Surface, Rem	5010005	2,250.000	Syd
0380	_ Pavt, Temp	5017011	6,760.000	Syd
0390	_ Pavt, Temp, Rem	5017011	6,760.000	Syd
0400	Conc Pavt, Curing Horizontal Surfaces	6020159	6,800.000	Syd
0410	Shoulder, Nonreinf Conc	6020222	3,060.000	Syd
0420	Conc Quality Initiative	6020401	25,000.000	Dlr
0430	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	3,740.000	Syd
0440	_ Joint, Contraction, Cp, Modified	6027001	9,328.000	Ft
0450	_ Joint, Contraction, Crg, Modified	6027001	55,700.000	Ft
0460	_ Joint, Expansion, E2, Modified	6027001	200.000	Ft
0470	_ Joint, Expansion, Erg, Modified	6027001	352.000	Ft
0480	Cement	6030005	10.000	Ton
0490	Lane Tie, Epoxy Anchored	6030030	10,610.000	Ea
0500	Non-Chloride Accelerator	6030035	10.000	Gal
0510	Pavt Repr, Nonreinf Conc, 10 inch	6030048	30,100.000	Syd
0520	Pavt Repr, Rem	6030080	30,100.000	Syd
0530	Saw Cut, Intermediate	6030090	7,520.000	Ft
0540	Resealing Trans Joints with Hot-Poured Rubber	6030100	54,600.000	Ft
0550	Resealing Longit Joints with Hot-Poured Rubber	6030101	169,200.000	Ft
0560	_ High Performance Biaxial Geogrid	7007011	28,880.000	Syd
0570	Sign, Type III, Rem	8100403	2.000	Ea
0580	Pavt Mrkg, Waterborne, 4 inch, White	8110231	475.000	Ft
0590	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,900.000	Ft
0600	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,900.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	475.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,900.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,900.000	Ft
0640	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0650	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0660	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
0670	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0680	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0690	Conc Barrier, Temp, Adj	8120080	3,550.000	Ft
0700	Conc Barrier, Temp, Furn	8120081	3,550.000	Ft
0710	Conc Barrier, Temp, Oper	8120082	3,550.000	Ft

0720	Delineator, Flexible, Temp, Furn	8120091	120.000	Ea
0730	Delineator, Flexible, Temp, Oper	8120092	120.000	Ea
0740	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0750	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg Cover, Type R, Black	8120200	58,000.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	74,000.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	74,000.000	Ft
0820	Plastic Drum, Fluorescent, Furn	8120252	850.000	Ea
0830	Plastic Drum, Fluorescent, Oper	8120253	850.000	Ea
0840	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	120.000	Ea
0850	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	120.000	Ea
0860	Sign Cover	8120310	8.000	Ea
0870	Sign Cover, Type 1	8120320	10.000	Ea
0880	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0890	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	1,792.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	1,792.000	Sft
0920	_ Traf Speed Sensor, Portable, Temp	8127050	14.000	Ea
0930	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0940	Slope Restoration, Type A	8160100	26,740.000	Syd
0950	Shoulder Corrugations, Ground or Cut, Conc	8220000	2,800.000	Ft
0960	Contractor Staking, Road Only	8240007	1.000	LSUM
0970	Staking Plan Errors and Extras, One Person	8240020	66.000	Hr
0980	Staking Plan Errors and Extras, Two Person	8240021	22.000	Hr
0990	Staking Plan Errors and Extras, Three Person	8240022	33.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 021

Letting Date: March 1, 2019

Contract ID: 07012-132299

Description: 0.11 mi of temporary road construction for railroad track upgrades, concrete curb and gutter, drainage, guardrail and pavement markings on US-41 at Wisconsin Central Ltd. Railroad crossings in the village of L'Anse, Baraga County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132299A	N/A	N/A	MRR 07012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	32.000	Ft
0030	Pavt, Rem	2040050	265.000	Syd
0040	Embankment, CIP	2050010	870.000	Cyd
0050	Embankment, LM	2050011	230.000	Cyd
0060	Excavation, Earth	2050016	1,465.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0090	Erosion Control, Sediment Trap	2080034	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	150.000	Ft
0110	Aggregate Base, 6 inch	3020016	1,242.000	Syd
0120	Shoulder, CI II	3070121	65.000	Ton
0130	Geotextile, Separator	3080005	1,225.000	Syd
0140	Culv End Sect, Salv, over 30 inch	4010120	1.000	Ea
0150	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0160	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Pavt, Cleaning	5010001	1.000	LSUM
0180	Cold Milling HMA Surface	5010002	1,849.000	Syd
0190	HMA Surface, Rem	5010005	1,134.000	Syd
0200	Hand Patching	5010025	145.000	Ton
0210	HMA, 5E3	5010057	190.000	Ton
0220	HMA, Temp Pavt (4E3)	5010805	170.000	Ton
0230	Curb and Gutter, Conc, Det D2	8020031	32.000	Ft
0240	Guardrail, Type B, Temp	8070005	13.000	Ft
0250	Guardrail Approach Terminal, Type 1B, Temp	8070045	1.000	Ea
0260	Guardrail, Salv	8070075	38.000	Ft
0270	Guardrail, Reconst, Type B	8070105	75.000	Ft

0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	48.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,625.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,000.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,625.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,000.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0360	Culv, Temp	8120090	3.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,580.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,500.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	950.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,140.000	Ft
0440	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	136.000	Ft
0470	PTS System, Temp, Furn	8120270	2.000	Ea
0480	PTS System, Temp, Oper	8120271	2.000	Ea
0490	Sign Cover	8120310	2.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	1,103.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	1,103.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Slope Restoration, Type A	8160100	600.000	Syd
0560	Contractor Staking, Road Only	8240007	1.000	LSUM
0570	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0580	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0590	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0600	_ Railroad Protection, at Grade Crossing	8507060	500.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 022

Letting Date: March 1, 2019

Contract ID: 22042-202544

Description: 0.21 mi of portable intermittent truck weigh station trench (PITWS) construction, concrete pavement, hot mix asphalt surfacing and pavement markings on M-69 at M-95, Dickinson County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202544A	1900329	N/A	ST 22042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,300.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	45.000	Syd
0030	Embankment, CIP	2050010	135.000	Cyd
0040	Excavation, Earth	2050016	475.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	12.000	Ft
0060	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0080	Erosion Control, Sediment Trap	2080034	2.000	Ea
0090	Aggregate Base	3020001	345.000	Ton
0100	Shoulder, CI II	3070121	25.000	Ton
0110	HMA Surface, Rem	5010005	495.000	Syd
0120	HMA Quality Initiative	5010007	260.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	1,698.000	Dlr
0140	HMA, LVSP	5010703	130.000	Ton
0150	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	267.000	Syd
0160	Joint, Contraction, Cp	6020200	168.000	Ft
0170	Conc Quality Initiative	6020401	455.000	Dlr
0180	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0190	Post, Mailbox	8070095	2.000	Ea
0200	Fdn, Wood Support, Rem	8100280	2.000	Ea
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	600.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	600.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0300	Sign Cover	8120310	5.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Slope Restoration, Type B	8160101	460.000	Syd
0350	Slope Restoration, Type C	8160102	450.000	Syd
0360	Contractor Staking, Road Only	8240007	1.000	LSUM
0370	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0380	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0390	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 023

Letting Date: March 1, 2019

Contract ID: 82061-204005

Description: 5.76 mi of joint and crack repairs, full depth concrete pavement repairs, hot mix asphalt longitudinal joint repairs, cold milling both the existing concrete and hot mix asphalt surface and a one course hot mix asphalt overlay in the cities of Wayne, Westland, Inkster and Dearborn Heights, Wayne County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204005A	N/A	N/A	GF19 82061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$482,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	210.000	Ft
0030	Pavt, Rem	2040050	123.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	280.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0060	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0070	Pavt, Cleaning	5010001	1.000	LSUM
0080	Cold Milling HMA Surface	5010002	99,417.000	Syd
0090	Bump Grinding	5010004	400.000	Syd
0100	HMA Quality Initiative	5010007	48,758.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	88,020.000	Dlr
0120	Pavt Joint and Crack Repr, Det 7	5010020	19,227.000	Ft
0130	Pavt Joint and Crack Repr, Det 8	5010021	4,620.000	Ft
0140	Hand Patching	5010025	2,212.000	Ton
0150	HMA, 5E10	5010058	4,838.000	Ton
0160	HMA Approach, High Stress	5010520	3,475.000	Ton
0170	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	13,854.000	Ton
0180	Joint, Contraction, Cp	6020200	1,793.000	Ft
0190	Cement	6030005	119.000	Ton
0200	Cold Milling Conc Pavt	6030014	96,011.000	Syd
0210	Joint, Contraction, Crg	6030020	10,329.000	Ft
0220	Lane Tie, Epoxy Anchored	6030030	3,030.000	Ea
0230	Non-Chloride Accelerator	6030035	4,768.000	Gal
0240	Pavt Repr, Nonreinf Conc, 10 inch	6030048	8,582.000	Syd
0250	Pavt Repr, Rem	6030080	8,582.000	Syd
0260	Saw Cut, Intermediate	6030090	1,187.000	Ft

0270	_ Pedestrian Path, Temp	8007001	20.000	Ft
0280	_ Pedestrian Ramp, Temp	8007050	20.000	Ea
0290	Curb and Gutter, Conc, Det F5	8020039	210.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	40.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	26.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, School	8110074	16.000	Ea
0350	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	5,660.000	Ft
0360	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,550.000	Ft
0370	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,900.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	68,300.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	500.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	850.000	Ft
0410	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0450	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0460	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0500	Ltg for Night Work	8120160	1.000	LSUM
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	36,000.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	500.000	Ft
0540	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0560	Sign Cover	8120310	20.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0610	Monument Box Adjust	8210005	1.000	Ea
0620	Monument Preservation	8210010	1.000	Ea
0630	Protect Corners	8210020	1.000	Ea

**Schedule of Pay Items**

Report v1

Letting Call: 190301 024**Letting Date:** March 1, 2019**Contract ID:** 82023-132942

Description: Pump station rehabilitation of 3 pump stations including removal and replacement of mechanical and electrical components and structure upgrades and repairs on I-94 at Hecla Street, Brush Street and 14th Street in the city of Detroit, Wayne County. See special provision for Determination of Lowest Successful Bidder for more information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132942A	1900334	N/A	ST 82023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$116,000.00	1500001	1.000	LSUM
Section: 2				
0020	Asbestos Materials, Rem and Disposal	2040001	10,000.000	Dlr
0030	Exploratory Investigation, Vertical	2040080	25.000	Ft
0040	_ Miscellaneous Metals, Rem (D07 of 82023)	2047051	1.000	LSUM
0050	_ Miscellaneous Metals, Rem (D08 of 82023)	2047051	1.000	LSUM
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0070	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0090	Erosion Control, Silt Fence	2080036	300.000	Ft
0100	_ Pump Station Bulkhead Door (D07 of 82023)	4057051	1.000	LSUM
0110	_ Pump Station Bulkhead Door (D08 of 82023)	4057051	1.000	LSUM
0120	_ Pump Station Equipment, Elec (D05 of 82251)	4057051	1.000	LSUM
0130	_ Pump Station Equipment, Elec (D07 of 82023)	4057051	1.000	LSUM
0140	_ Pump Station Equipment, Elec (D08 of 82023)	4057051	1.000	LSUM
0150	_ Column	8007001	30.000	Ft
0160	_ Column Repair	8007001	30.000	Ft
0170	_ Bowl Assembly	8007050	6.000	Ea
0180	_ Bowl Assembly Repair	8007050	6.000	Ea
0190	_ Discharge Head	8007050	6.000	Ea
0200	_ Discharge Head Repair	8007050	6.000	Ea
0210	_ Enclosing Tubes	8007050	6.000	Ea
0220	_ Enclosing Tubes Bearings	8007050	6.000	Ea
0230	_ Head Shaft	8007050	6.000	Ea
0240	_ Impeller	8007050	6.000	Ea

0250	_ Impeller Repair	8007050	6.000	Ea
0260	_ Intermediate Shaft	8007050	6.000	Ea
0270	_ Lineshaft Coupling	8007050	6.000	Ea
0280	_ Motor, Rem and Refurbish (D05 of 82251)	8007050	2.000	Ea
0290	_ Motor, Rem and Refurbish (D07 of 82023)	8007050	2.000	Ea
0300	_ Motor, Rem and Refurbish (D08 of 82023)	8007050	2.000	Ea
0310	_ Pump Inspection and General Maintenance	8007050	6.000	Ea
0320	_ Pump Shaft	8007050	6.000	Ea
0330	Fence, Protective	8080007	600.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0410	Sign Cover	8120310	15.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Slope Restoration, Type A	8160100	45.000	Syd
0480	Conduit, Directional Bore, 3 inch	8190044	200.000	Ft
0490	_ Electrical, Rem (D05 of 82251)	8197051	1.000	LSUM
0500	_ Electrical, Rem (D07 of 82023)	8197051	1.000	LSUM
0510	_ Electrical, Rem (D08 of 82023)	8197051	1.000	LSUM
0520	_ Utility, (Elec)	8197060	5,000.000	Dlr
0530	Contractor Staking, Road Only	8240007	1.000	LSUM
0540	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0550	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0560	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
0570	_ Temp Power System (D05 of 82251)	8507041	10.000	Cday

Section: 3

0580	Asbestos Materials, Rem and Disposal	2040001	10,000.000	Dlr
0590	Exploratory Investigation, Vertical	2040080	25.000	Ft
0600	_ Miscellaneous Metals, Rem (D07 of 82023)	2047051	1.000	LSUM
0610	_ Miscellaneous Metals, Rem (D08 of 82023)	2047051	1.000	LSUM
0620	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0630	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0640	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0650	Erosion Control, Silt Fence	2080036	300.000	Ft
0660	_ Pump Station Bulkhead Door (D07 of 82023)	4057051	1.000	LSUM

0670	_ Pump Station Bulkhead Door (D08 of 82023)	4057051	1.000	LSUM
0680	_ Pump Station Equipment, Elec (D05 of 82251)	4057051	1.000	LSUM
0690	_ Pump Station Equipment, Elec (D07 of 82023)	4057051	1.000	LSUM
0700	_ Pump Station Equipment, Elec (D08 of 82023)	4057051	1.000	LSUM
0710	_ Column	8007001	30.000	Ft
0720	_ Column Repair	8007001	30.000	Ft
0730	_ Bowl Assembly	8007050	6.000	Ea
0740	_ Bowl Assembly Repair	8007050	6.000	Ea
0750	_ Discharge Head	8007050	6.000	Ea
0760	_ Discharge Head Repair	8007050	6.000	Ea
0770	_ Enclosing Tubes	8007050	6.000	Ea
0780	_ Enclosing Tubes Bearings	8007050	6.000	Ea
0790	_ Head Shaft	8007050	6.000	Ea
0800	_ Impeller	8007050	6.000	Ea
0810	_ Impeller Repair	8007050	6.000	Ea
0820	_ Intermediate Shaft	8007050	6.000	Ea
0830	_ Lineshaft Coupling	8007050	6.000	Ea
0840	_ Motor, Rem and Refurbish (D05 of 82251)	8007050	2.000	Ea
0850	_ Motor, Rem and Refurbish (D07 of 82023)	8007050	2.000	Ea
0860	_ Motor, Rem and Refurbish (D08 of 82023)	8007050	2.000	Ea
0870	_ Pump Inspection and General Maintenance	8007050	6.000	Ea
0880	_ Pump Shaft	8007050	6.000	Ea
0890	Fence, Protective	8080007	600.000	Ft
0900	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0910	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0920	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0930	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0940	Minor Traf Devices	8120170	1.000	LSUM
0950	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0960	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0970	Sign Cover	8120310	15.000	Ea
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
1000	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
1010	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
1020	Traf Regulator Control	8120370	1.000	LSUM
1030	Slope Restoration, Type A	8160100	45.000	Syd
1040	Conduit, Directional Bore, 3 inch	8190044	200.000	Ft
1050	_ Electrical, Rem (D05 of 82251)	8197051	1.000	LSUM
1060	_ Electrical, Rem (D07 of 82023)	8197051	1.000	LSUM
1070	_ Electrical, Rem (D08 of 82023)	8197051	1.000	LSUM
1080	_ Utility, (Elec)	8197060	5,000.000	Dir
1090	Contractor Staking, Road Only	8240007	1.000	LSUM
1100	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
1110	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr

1120	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
1130	_ Temp Power System (D05 of 82251)	8507041	10.000	Cday



Schedule of Pay Items

Report v1

Letting Call: 190301 025

Letting Date: March 1, 2019

Contract ID: 63000-203021

Description: Application of special pavement markings on various routes, Macomb, Oakland and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203021A	1900350	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$105,700.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	144.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	68.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	858.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	789.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	69.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	9.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	762.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, School	8110074	129.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	22.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	26.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	18.000	Ea
0150	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	81,554.000	Ft
0160	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	2.000	Ea
0170	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	7,546.000	Ft
0180	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	8,124.000	Ft
0190	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	6,991.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	39,070.000	Ft
0210	Rem Spec Mrkg	8110343	208,449.000	Sft
0220	Recessing Pavt Mrkg, Transv	8110451	1,000.000	Sft
0230	Recessing Pavt Mrkg, Turning Guide Line	8110452	850.000	Sft
0240	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	250.000	Mi
0250	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	250.000	Mi

0260	_ Scarification, for Polyurea Spec Mrkg	8117010	20,000.000	Sft
0270	_ Call Back Mobilization, Surface Prep, \$470.00	8117050	5.000	Ea
0280	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	5.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 026

Letting Date: March 1, 2019

Contract ID: 41027-123922

Description: 0.35 mi of bridge deck patching, concrete pavement repairs and application of high friction surface treatment on the I-196 westbound ramp to US-131 northbound and on the US-131 southbound ramp to I-196 westbound in the city of Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123922A	1900327	N/A	HSIP 41027

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,300.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0030	High Friction Surface Treatment	5060800	2,698.000	Syd
0040	Joint, Contraction, Cp	6020200	65.000	Ft
0050	Joint, Contraction, Crg	6030020	235.000	Ft
0060	Joint, Expansion, Erg	6030021	40.000	Ft
0070	Lane Tie, Epoxy Anchored	6030030	10.000	Ea
0080	Pavt Repr, Nonreinf Conc, 10 inch	6030048	150.000	Syd
0090	Pavt Repr, Rem	6030080	150.000	Syd
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,850.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,850.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,850.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,850.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	842.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	842.000	Sft
Section: 2				
0220	False Decking	7060060	3,115.000	Sft
0230	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0240	Hand Chipping, Deep	7120004	293.000	Syd

0250	Patching Conc, C-L	7120112	37.000	Cyd
0260	Embedded Galvanic Anode	7120120	225.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 027

Letting Date: March 1, 2019

Contract ID: 70063-131775

Description: 14.95 mi of concrete pavement repairs, hot mix asphalt ramp cold milling and resurfacing, longitudinal joint repairs, sidewalk and ADA ramps on I-96 from west of 68th Avenue east to west of Bristol Avenue in the cities of Coopersville and Walker, Ottawa and Kent Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131775A	1900340	N/A	IM 70063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$245,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	75.000	Ft
0030	Sidewalk, Rem	2040055	54.000	Syd
0040	Erosion Control, Sediment Trap	2080034	1.000	Ea
0050	Erosion Control, Silt Fence	2080036	30.000	Ft
0060	Shoulder, CI II	3070121	7,800.000	Ton
0070	_ Underdrain Outlet Cleanout	4047050	141.000	Ea
0080	Cold Milling HMA Surface	5010002	67,382.000	Syd
0090	HMA Quality Initiative	5010007	12,088.000	Dlr
0100	Longitudinal Joint Density Quality Initiative	5010018	19,485.000	Dlr
0110	Hand Patching	5010025	1.000	Ton
0120	HMA, 5E3	5010057	5,494.000	Ton
0130	HMA Approach	5010061	549.000	Ton
0140	_ Asphalt Repair Mastic	5027001	20,000.000	Ft
0150	Joint, Contraction, Cp	6020200	122.000	Ft
0160	Cement	6030005	40.000	Ton
0170	Joint, Contraction, Crg	6030020	10,248.000	Ft
0180	Joint, Expansion, Erg	6030021	120.000	Ft
0190	Joint, Expansion, Esc	6030022	120.000	Ft
0200	Lane Tie, Epoxy Anchored	6030030	1,452.000	Ea
0210	Non-Chloride Accelerator	6030035	1,254.000	Gal
0220	Pavt Repr, Nonreinf Conc, 11 1/2 inch	6030051	50.000	Syd
0230	Pavt Repr, Rem	6030080	50.000	Syd
0240	Saw Cut, Intermediate	6030090	535.000	Ft
0250	Sawing and Sealing Longit Pavt Joints	6030095	118,400.000	Ft
0260	Sawing and Sealing Trans Pavt Joints	6030096	90,465.000	Ft
0270	_ Joint, Tied, 2.5 foot, Special	6037001	1,270.000	Ft

0280	_ Pavt Repr, 2.5 foot, Nonreinf 7 1/2 inch, Special	6037011	352.000	Syd
0290	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	352.000	Syd
0300	_ Pavt Repr, Overlay, Nonreinf Conc	6037021	627.000	Cyd
0310	_ Pavt Repr, Overlay, Rem	6037021	627.000	Cyd
0320	Curb and Gutter, Conc, Det C4	8020023	18.000	Ft
0330	Detectable Warning Surface	8030010	45.000	Ft
0340	Curb Ramp Opening, Conc	8030030	49.000	Ft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	237.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	242.000	Sft
0370	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	10.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0410	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	210.000	Ft
0420	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	227.000	Ft
0430	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0440	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	247.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,444.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,406.000	Ft
0470	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,130.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,444.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,406.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,130.000	Ft
0510	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	366.000	Ft
0520	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,051.000	Ft
0530	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,042.000	Ft
0540	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,025.000	Ft
0550	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0560	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	42,614.000	Ft
0570	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	183,712.000	Ft
0580	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	25,864.000	Ft
0590	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, Yellow	8110494	500.000	Ft
0600	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	182,688.000	Ft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	51.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	51.000	Ea
0630	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0640	Pedestrian Type II Channelizer, Temp	8120027	30.000	Ft
0650	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	12.000	Ea

0660	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	12.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Ltg for Night Work	8120160	1.000	LSUM
0700	Minor Traf Devices	8120170	1.000	LSUM
0710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,360.000	Ft
0720	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	13,440.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,440.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	1,373.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	1,373.000	Ea
0770	Sign Cover	8120310	25.000	Ea
0780	Sign Cover, Type 1	8120320	9.000	Ea
0790	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0800	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0810	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0820	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	2,111.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	2,111.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	12.000	Sft
0860	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	12.000	Sft
0870	Traf Regulator Control	8120370	1.000	LSUM
0880	Slope Restoration, Type A	8160100	20.000	Syd
0890	Traf Loop	8200170	8.000	Ea
0900	Contractor Staking	8240001	1.000	LSUM
0910	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0920	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0930	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 028

Letting Date: March 1, 2019

Contract ID: 49000-133089

Description: Hot mix asphalt removal and replace wearing surface and waterproofing membrane, replace deck joints and approach work at 6 structures on various routes, Mackinac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133089A	1900165	N/A	BHT 49000
133217A	1900161	N/A	BO 49000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,500.00	1500001	1.000	LSUM
0020	Aggregate Base, LM	3020002	53.000	Cyd
0030	HMA Surface, Rem	5010005	954.000	Syd
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	528.000	Ft
0050	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	1,284.000	Ft
0060	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	966.000	Ft
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0090	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0100	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0110	PTS System, Temp, Furn	8120270	6.000	Ea
0120	PTS System, Temp, Oper	8120271	6.000	Ea
0130	Sign, Type A, Temp, Prismatic, Furn	8120340	72.000	Sft
0140	Sign, Type A, Temp, Prismatic, Oper	8120341	72.000	Sft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	780.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	780.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Temp Portable Power Source for TS System	8120380	1.000	LSUM

Section: 2

0190	HMA, 4E1	5010050	321.000	Ton
0200	_ HMA Surface,Rem,Modified	5017011	1,255.000	Syd
0210	Conc, Grade D	7060010	6.000	Cyd
0220	Expansion Joint Device	7060050	100.000	Ft
0230	Membrane, Preformed Waterproofing	7100008	11,295.000	Sft
0240	Deck Joint, Rem	7120071	100.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 029

Letting Date: March 1, 2019

Contract ID: 41000-130540

Description: 0.90 mi of hot mix asphalt resurfacing and widening, drainage, concrete pavement, curb, gutter, sidewalk and ramps, signals and pavement markings on Sparks Drive/Forest Hill Avenue from East Paris Avenue to Burton Street in the city of Kentwood, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130540A	1900199	N/A	STU 41000
203294A	1900129	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$133,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	52.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	16.000	Ft
0050	Curb and Gutter, Rem	2040020	1,500.000	Ft
0060	Sidewalk, Rem	2040055	207.000	Syd
0070	Exploratory Investigation, Vertical	2040080	105.000	Ft
0080	_ Curb and Gutter, Rem, Modified	2047001	200.000	Ft
0090	_ Pavt, Rem, Modified	2047011	45.000	Syd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0110	_ Machine Grading, Modified	2057002	52.000	Sta
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0130	Subbase, CIP	3010002	370.000	Cyd
0140	Aggregate Base, LM	3020002	250.000	Cyd
0150	Aggregate Base, 8 inch	3020020	1,030.000	Syd
0160	_ Driveway Maintenance, Commercial	3067050	13.000	Ea
0170	Sewer, CI E, 12 inch, Tr Det B	4020600	92.000	Ft
0180	Sewer, CI E, 24 inch, Tr Det B	4020603	16.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	29.000	Ea
0200	Dr Structure, 48 inch dia	4030210	3.000	Ea
0210	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0220	_ Dr Structure Cover, Type B, Modified	4037050	21.000	Ea
0230	_ Dr Structure Cover, Type K, Modified	4037050	6.000	Ea
0240	_ Dr Structure Cover, Type Q, Modified	4037050	10.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	275.000	Ft
0260	Underdrain, Subgrade, 8 inch	4040075	20.000	Ft

0270	Cold Milling HMA Surface	5010002	16,600.000	Syd
0280	HMA Surface, Rem	5010005	3,600.000	Syd
0290	Hand Patching	5010025	108.000	Ton
0300	HMA, 4E1	5010050	1,965.000	Ton
0310	HMA, 5E1	5010056	1,925.000	Ton
0320	Conc Pavt, Nonreinf, 7 inch	6020102	3,475.000	Syd
0330	Joint, Contraction, Cp	6020200	2,650.000	Ft
0340	Joint, Expansion, E2	6020207	210.000	Ft
0350	Driveway Opening, Conc, Det M	8020050	200.000	Ft
0360	_ Combined Curb and Gutter, Conc, Det P-5,(Modified 18 inch pan)	8027001	200.000	Ft
0370	_ Curb and Gutter, Conc, Det F3, Modified	8027001	935.000	Ft
0380	_ Curb and Gutter, Conc, Det F6, Modified	8027001	1,080.000	Ft
0390	Curb Ramp Opening, Conc	8030030	210.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	900.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	1,875.000	Sft
0420	_ Detectable Warning Surface, Modified	8037001	80.000	Ft
0430	Fence, Temp	8080004	200.000	Ft
0440	Post, Steel, 3 lb	8100371	150.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0460	Sign, Type III, Rem	8100403	31.000	Ea
0470	Sign, Type IIIA	8100404	25.000	Sft
0480	Sign, Type IIIB	8100405	89.000	Sft
0490	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	615.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	235.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0530	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	670.000	Ft
0540	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	135.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,795.000	Ft
0560	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,850.000	Ft
0570	Pavt Mrkg, Waterborne, 6 inch, White	8110233	200.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,795.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,850.000	Ft
0600	Rem Spec Mrkg	8110343	3,110.000	Sft
0610	Recessing Pavt Mrkg, Transv	8110451	1,870.000	Sft
0620	_ Pavt Mrkg, Preformed Thermopl, Bike	8117050	1.000	Ea
0630	_ Pavt Mrkg, Preformed Thermopl, Directional Arrow Symbol, Bike	8117050	1.000	Ea
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	23.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	23.000	Ea
0660	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	8.000	Ea

0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,850.000	Ft
0710	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0720	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0730	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0740	Sign Cover, Type 1	8120320	4.000	Ea
0750	Sign, Portable, Changeable Message, Furn	8120330	7.000	Ea
0760	Sign, Portable, Changeable Message, Oper	8120331	7.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	1,507.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	1,507.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Pedestrian Ramp, Temp	8127050	8.000	Ea
0830	Slope Restoration, Type B	8160101	2,020.000	Syd
0840	Cable Pole, TS and Sec, Disman	8190009	2.000	Ea
0850	Cable Pole, TS, Disman	8190010	3.000	Ea
0860	Conduit, DB, 1, 1 1/2 inch	8190027	210.000	Ft
0870	Conduit, DB, 2, 3 inch	8190032	20.000	Ft
0880	Conduit, DB, 3, 3 inch	8190035	140.000	Ft
0890	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0900	Conduit, Rem	8190140	30.000	Ft
0910	Hh, Adj	8190244	4.000	Ea
0920	Hh, Rem	8190254	2.000	Ea
0930	Hh, Round, 3 foot dia	8190259	2.000	Ea
0940	Hh, Round	8190260	4.000	Ea
0950	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0960	Cable, Sec, 600V, 3, 1/C#6	8190407	500.000	Ft
0970	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0980	Wood Pole, Rem	8190505	1.000	Ea
0990	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	300.000	Ft
1000	Conduit, Directional Bore, 2, 3 inch	8190604	125.000	Ft
1010	Conduit, Directional Bore, 3, 3 inch	8190606	300.000	Ft
1020	Case Sign, Rem	8200020	3.000	Ea
1030	Controller and Cabinet, Rem	8200030	2.000	Ea
1040	Controller and Cabinet, Digital Type	8200031	2.000	Ea
1050	Controller Fdn, Base Mount	8200045	2.000	Ea
1060	Global Positioning System Module	8200050	2.000	Ea
1070	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1080	Pedestal, Alum	8200100	3.000	Ea
1090	Pedestal, Fdn	8200105	4.000	Ea
1100	Pedestal Fdn, Rem	8200106	4.000	Ea
1110	Pedestal, Rem	8200110	4.000	Ea
1120	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dir
1130	Pushbutton and Sign	8200121	8.000	Ea

1140	Pushbutton, Rem	8200122	8.000	Ea
1150	Pushbutton Pedestal, Alum	8200123	1.000	Ea
1160	Serv Disconnect	8200135	2.000	Ea
1170	Span Wire	8200140	8.000	Ea
1180	Span Wire, Rem	8200141	2.000	Ea
1190	Span Wire Tether	8200142	8.000	Ea
1200	Strain Pole Fdn	8200152	49.000	Ft
1210	Strain Pole, Steel, Anchor Base, 30 foot	8200155	7.000	Ea
1220	Strain Pole, Steel, Anchor Base, 36 foot	8200157	1.000	Ea
1230	Strain Pole, Steel, Anchor Fdn	8200165	4.000	Ea
1240	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
1250	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
1260	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
1270	TS, One Way Span Wire Mtd (LED)	8200313	11.000	Ea
1280	TS, One Way Span Wire Mtd, FYA (LED)	8200314	8.000	Ea
1290	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	6.000	Ea
1300	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
1310	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1320	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1330	Hemispherical Video Detection Camera	8200444	2.000	Ea
1340	Hemispherical Video Detection System	8200445	2.000	Ea
1350	Junction Box, Rem	8200457	1.000	Ea
1360	Casing	8200480	32.000	Ft
1370	Cellular Modem, TS, 4G	8200498	1.000	Ea
1380	Backplate, TS	8200501	24.000	Ea
1390	_ Inside Signal Support Plate	8207050	24.000	Ea
1400	_ Outside Signal Support Plate	8207050	24.000	Ea
1410	_ Road Side Unit, Modified	8207050	1.000	Ea
1420	_ Steel Pole Mounting Hub	8207050	4.000	Ea
1430	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Modified	8207050	1.000	Ea
1440	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
1450	Fiber Optic, Pigtail	8260071	12.000	Ea
1460	Fiber Optic, Jumper	8260072	12.000	Ea
1470	_ Fiber Optic, Splice Enclosure, Rack-Mounted, Small	8267050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 030

Letting Date: March 1, 2019

Contract ID: 39000-130999

Description: 0.60 mi of hot mix asphalt cold milling and resurfacing, pavement removal, aggregate base, concrete driveway, curb, gutter, sidewalk and ramps, drainage, watermain and pavement markings on Romence Road from Oakland Drive to Constitution Boulevard in the city of Portage, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130999A	1900275	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$120,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Curb and Gutter, Rem	2040020	495.000	Ft
0040	Sidewalk, Rem	2040055	1,340.000	Syd
0050	_ Timber Wall, Rem	2047001	335.000	Ft
0060	_ Pavt, Rem, Modified	2047011	3,565.000	Syd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0080	Erosion Control, Silt Fence	2080036	250.000	Ft
0090	Subbase, CIP	3010002	1,040.000	Cyd
0100	Aggregate Base, 8 inch	3020020	3,120.000	Syd
0110	Maintenance Gravel, LM	3060021	100.000	Cyd
0120	Trenching	3070200	27.000	Sta
0130	Dr Structure Cover, Adj, Case 1	4030005	25.000	Ea
0140	Dr Structure, 24 inch dia	4030200	1.000	Ea
0150	Dr Structure, 48 inch dia	4030210	2.000	Ea
0160	Dr Structure, Cleaning	4030290	5.000	Ea
0170	Dr Structure, Temp Lowering	4030390	23.000	Ea
0180	_ Dr Structure Cover, Type B, Modified	4037050	8.000	Ea
0190	_ Dr Structure Cover, Type K, Modified	4037050	6.000	Ea
0200	_ Dr Structure Cover, Type Q, Modified	4037050	15.000	Ea
0210	_ Dr Structure, Reconstruct	4037050	5.000	Ea
0220	Cold Milling HMA Surface	5010002	19,625.000	Syd
0230	Hand Patching	5010025	15.000	Ton
0240	HMA, 3E10	5010046	555.000	Ton
0250	HMA, 5E10	5010058	3,390.000	Ton
0260	HMA, Temp Pavt (LVSP)	5020807	555.000	Ton
0270	Conc Base Cse, Nonreinf, 6 inch	6020015	55.000	Syd

0280	Cement	6030005	5.000	Ton
0290	Driveway, Nonreinf Conc, 6 inch	8010005	535.000	Syd
0300	_ Curb and Gutter, Conc, Det C4, Modified	8027001	365.000	Ft
0310	Curb Ramp Opening, Conc	8030030	105.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	1,275.000	Sft
0330	Sidewalk, Conc, 4 inch	8030044	12,025.000	Sft
0340	_ Detectable Warning Surface, Cast Iron	8037001	72.000	Ft
0350	Post, Mailbox	8070095	40.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,300.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	380.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	21.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	21.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0440	Rem Spec Mrkg	8110343	100.000	Sft
0450	Recessing Pavt Mrkg, Longit	8110450	13,700.000	Ft
0460	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	550.000	Ft
0470	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	6,350.000	Ft
0480	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	6,800.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0510	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Ltg for Night Work	8120160	1.000	LSUM
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,000.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,500.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,500.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	10.000	Ea
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	10.000	Ea
0630	Sign Cover	8120310	25.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft

0680	Traf Regulator Control	8120370	1.000	LSUM
0690	_ Project Sign	8127050	1.000	Ea
0700	_ Slope Restoration, Type E, Modified	8167011	2,000.000	Syd
0710	Conduit, DB, 1, 1 1/2 inch	8190027	10.000	Ft
0720	Hh, Adj	8190244	5.000	Ea
0730	Pedestal, Alum, Salv	8200101	1.000	Ea
0740	Pedestal, Fdn	8200105	1.000	Ea
0750	Pedestal Fdn, Rem	8200106	1.000	Ea
0760	Pushbutton and Sign	8200121	1.000	Ea
0770	Monument Box Adjust	8210005	2.000	Ea
0780	Monument Preservation	8210010	2.000	Ea
0790	Hydrant, Rem	8230091	1.000	Ea
0800	Water Main, 8 inch, Cut and Plug	8230132	5.000	Ea
0810	Water Main, 10 inch, Cut and Plug	8230133	1.000	Ea
0820	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
0830	Gate Box, Adj, Temp, Case 1	8230391	4.000	Ea
0840	_ Water Main, DI, CL 52, 10 inch, Tr Det G, Modified	8237001	25.000	Ft
0850	_ Water Main, DI, CL 52, 8 inch, Tr Det G, Modified	8237001	240.000	Ft
0860	_ Water Main, DI, CL 53, 12 inch, Tr Det G, Modified	8237001	2,395.000	Ft
0870	_ Water Main, Rem	8237001	130.000	Ft
0880	_ Curb Stop and Box	8237050	42.000	Ea
0890	_ Fire Hydrant, Modified	8237050	7.000	Ea
0900	_ Gate Valve and Box, 12 inch, Modified	8237050	12.000	Ea
0910	_ Gate Valve and Box, 8 inch, Modified	8237050	4.000	Ea
0920	_ Inline Water Valve, Temp, 10 inch	8237050	1.000	Ea
0930	_ Inline Water Valve, Temp, 12 inch	8237050	2.000	Ea
0940	_ Inline Water Valve, Temp, 8 inch	8237050	4.000	Ea
0950	_ Water Meter Pit Assembly	8237050	3.000	Ea
0960	_ Water Serv, Long, Modified	8237050	18.000	Ea
0970	_ Water Serv, Modified	8237050	24.000	Ea
0980	_ Segmental Retaining Wall, Split Face	8507011	135.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 031

Letting Date: March 1, 2019

Contract ID: 25402-130836

Description: 1.39 mi of hot mix asphalt shared use path, ADA ramps, signing and pavement markings on Flint River Trail from Vassar Road to Irish Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130836A	1900204	N/A	TAU 25402

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$114,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	3.300	Acre
0030	Fence, Rem	2040025	20.000	Ft
0040	Excavation, Earth	2050016	475.000	Cyd
0050	Granular Material, CI II	2050023	750.000	Cyd
0060	_ Subgrade Undercutting, Type II, Modified	2057021	815.000	Cyd
0070	Backfill, Structure, CIP	2060002	350.000	Cyd
0080	Excavation, Fdn	2060010	540.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	270.000	Ft
0100	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0110	Erosion Control, Sediment Trap	2080034	27.000	Ea
0120	Erosion Control, Silt Fence	2080036	3,500.000	Ft
0130	_ Temporary Channel Diversion	2087050	1.000	Ea
0140	_ Aggregate Base, 6 inch, Modified	3027011	12,200.000	Syd
0150	_ Aggregate Base, 7 inch, Modified	3027011	85.000	Syd
0160	_ Construction Protection, Aggregate Base, Temp	3027021	15.000	Cyd
0170	_ Open-Graded Dr Cse, 10 inch, Modified	3037011	1,100.000	Syd
0180	Aggregate Surface Cse	3060005	35.000	Cyd
0190	Maintenance Gravel	3060020	50.000	Ton
0200	Geotextile, Separator	3080005	1,185.000	Syd
0210	Geotextile, Stabilization	3080010	12,200.000	Syd
0220	Culv End Sect, 12 inch	4010012	15.000	Ea
0230	Culv End Sect, 24 inch	4010024	8.000	Ea
0240	Culv, CI F, 12 inch	4010607	160.000	Ft
0250	Culv, CI F, 24 inch	4010610	80.000	Ft
0260	Underdrain, Fdn, 4 inch	4040031	180.000	Ft
0270	Underdrain, Subgrade, 4 inch	4040071	1,500.000	Ft
0280	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea

0290	Culv Bedding, Box Culv	4060005	90.000	Cyd
0300	_ Culv, Precast Conc Box, 24 Foot x 8 Foot	4067001	32.000	Ft
0310	HMA Approach	5010061	35.000	Ton
0320	_ Construction Protection, Mats, Temp	7097010	240.000	Sft
0330	Detectable Warning Surface	8030010	20.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	200.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	345.000	Sft
0360	_ HMA Path Railing	8037001	160.000	Ft
0370	Shared use Path, Grading	8060030	7,328.000	Ft
0380	Shared use Path, HMA	8060040	2,150.000	Ton
0390	Post, Steel, 3 lb	8100371	514.000	Ft
0400	Sign, Type IIIA	8100404	50.000	Sft
0410	Sign, Type IIIB	8100405	35.000	Sft
0420	_ Advanced Pedestrian Crossing Warning System	8107051	1.000	LSUM
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	70.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Xing	8110047	2.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	2.000	Ea
0460	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0470	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	130.000	Ft
0480	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	20.000	Ft
0490	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	336.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	336.000	Sft
0550	_ Riprap, Heavy, Modified	8137011	100.000	Syd
0560	_ Turf Establishment, Performance	8167002	74.000	Sta
0570	_ Pedestrian / Bicyclist Traffic Counter	8207051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 032

Letting Date: March 1, 2019

Contract ID: 33000-129375

Description: Bridge removals and replacements with a precast 4-sided concrete box culvert and approach work on Olds Road over Perry Creek, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129375A	N/A	N/A	MCS 33000
133209A	N/A	N/A	MCS 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$91,800.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	9.000	Sta
0030	Asbestos Materials, Rem and Disposal	2040001	10,000.000	Dlr
0040	Fence, Rem	2040025	30.000	Ft
0050	Embankment, CIP	2050010	115.000	Cyd
0060	Excavation, Earth	2050016	375.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,090.000	Ft
0080	_ Aggregate Base, Modified	3027031	1,075.000	Ton
0090	Approach, CI III, 4 inch	3070046	59.000	Syd
0100	Shoulder, CI III	3070141	185.000	Ton
0110	HMA Surface, Rem	5010005	385.000	Syd
0120	Hand Patching	5010025	7.000	Ton
0130	HMA, 13A	5010033	600.000	Ton
0140	Conc Pavt, Bridge Approach, Reinf	6020600	99.000	Syd
0150	Curb and Gutter, Bridge Approach	8020010	100.000	Ft
0160	Guardrail, Type MGS-8	8070004	116.000	Ft
0170	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0180	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0190	Guardrail Reflector	8070080	8.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	873.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	873.000	Sft

0270	_ Riprap, Plain, Modified	8137011	32.000	Syd
0280	_ Slope Restoration, Type II-ES	8167011	461.000	Syd
0290	_ Slope Restoration, Type III-ES	8167011	165.000	Syd
0300	Contractor Staking	8240001	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0340	Structures, Rem (SN 3903)	2040060	1.000	LSUM
0350	Structures, Rem (SN 3904)	2040060	1.000	LSUM
0360	Structures, Rem Portions (SN 3865)	2040061	1.000	LSUM
0370	Backfill, Structure, CIP	2060002	668.000	Cyd
0380	Excavation, Fdn	2060010	1,255.000	Cyd
0390	Erosion Control, Filter Bag	2080014	4.000	Ea
0400	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0410	Underdrain, Fdn, 4 inch	4040031	364.000	Ft
0420	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0430	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0440	Culv Bedding, Box Culv	4060005	113.000	Cyd
0450	_ Culv, Precast Conc Box, 24 foot by 7 foot	4067001	56.000	Ft
0460	_ Culv, Precast Conc Box, 24 foot by 9 foot	4067001	50.000	Ft
0470	Joint, Expansion, E3	6020208	60.000	Ft
0480	Bridge Ltg, Furn and Rem (SN 3865)	7060001	1.000	LSUM
0490	Bridge Ltg, Oper and Maintain	7060002	44.000	Cyd
0500	False Decking	7060060	2,396.000	Sft
0510	Reinforcement, Steel, Epoxy Coated	7060092	6,068.000	Lb
0520	Substructure Conc	7060100	2.000	Cyd
0530	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 3865)	7060112	1.000	LSUM
0540	Superstructure Conc, Night Casting	7060113	44.000	Cyd
0550	Water Repellent Treatment, Penetrating	7060140	75.000	Syd
0560	Shear Developers (SN 3865)	7070040	1.000	LSUM
0570	_ Structural Steel, Rolled Shape, Erect, Modified	7077030	22,662.000	Lb
0580	_ Structural Steel, Rolled Shape, Furn and Fab, Modified	7077030	22,662.000	Lb
0590	Joint Waterproofing	7100001	222.000	Sft
0600	Bridge Barrier Railing, Type 4	7110001	70.000	Ft
0610	Beam Plate, Seal Perimeter	7130010	186.000	Ft
0620	_ Railing, Temp, Left in Place	8087001	140.000	Ft
0630	_ Riprap, Heavy, Modified	8137011	169.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 033

Letting Date: March 1, 2019

Contract ID: 41000-130599

Description: 0.11 mi of concrete pavement, curb, gutter, sidewalk and ramps, drainage, signals and pavement markings on Patterson Avenue at 44th Street in the city of Kentwood, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130599A	1900194	N/A	CM 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	1,150.000	Ft
0040	Pavt, Rem	2040050	2,785.000	Syd
0050	Sidewalk, Rem	2040055	185.000	Syd
0060	Embankment, CIP	2050010	40.000	Cyd
0070	Excavation, Earth	2050016	1,089.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0090	_ Project Cleanup, Modified	2097051	1.000	LSUM
0100	Subbase, CIP	3010002	440.000	Cyd
0110	Aggregate Base	3020001	204.000	Ton
0120	Aggregate Base, 6 inch	3020016	700.000	Syd
0130	Aggregate Base, Conditioning	3020050	5,145.000	Syd
0140	Approach, CI II, CIP	3070022	58.000	Cyd
0150	Sewer, CI IV, 12 inch, Tr Det B	4020987	19.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0170	Dr Structure Cover, Type B	4030010	3.000	Ea
0180	Dr Structure Cover, Type D	4030025	2.000	Ea
0190	Dr Structure Cover, Type K	4030050	3.000	Ea
0200	Dr Structure, 48 inch dia	4030210	1.000	Ea
0210	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0220	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0230	_ Underdrain, Subbase, 6 inch, Modified	4047001	590.000	Ft
0240	HMA Surface, Rem	5010005	5,140.000	Syd
0250	HMA Approach	5010061	19.000	Ton
0260	Conc Pavt, Nonreinf, 8 inch	6020104	2,690.000	Syd
0270	Conc Pavt, Nonreinf, 10 inch	6020108	65.000	Syd

0280	Conc Pavt, Nonreinf, 11 inch	6020110	2,780.000	Syd
0290	Conc Pavt with Integral Curb, Nonreinf, 10 inch	6020168	30.000	Syd
0300	Joint, Contraction, Cp	6020200	3,540.000	Ft
0310	Joint, Expansion, E2	6020207	74.000	Ft
0320	Joint, Expansion, E3	6020208	69.000	Ft
0330	Driveway, Nonreinf Conc, 6 inch	8010005	215.000	Syd
0340	Curb and Gutter, Conc, Det F3	8020037	959.000	Ft
0350	Curb and Gutter, Conc, Det F4	8020038	282.000	Ft
0360	_ Driveway Opening, Conc, Det M, Modified	8027001	410.000	Ft
0370	Curb Ramp Opening, Conc	8030030	117.000	Ft
0380	Sidewalk Ramp, Conc, 6 inch	8030036	380.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	1,003.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	207.000	Sft
0410	_ Detectable Warning Surface, Cast Iron	8037001	40.000	Ft
0420	Mast Arm Pole Fdn, 6 Bolt	8100550	17.000	Ft
0430	Mast Arm, Rem	8100560	1.000	Ea
0440	Mast Arm Std, Rem	8100570	1.000	Ea
0450	_ Mast Arm Pole, Cat III, Install	8107050	1.000	Ea
0460	_ Mast Arm, 50 foot, Cat III, Install	8107050	1.000	Ea
0470	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	600.000	Ft
0480	Pavt Mrkg, Polyurea, 6 inch, White	8110094	420.000	Ft
0490	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	100.000	Ft
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft
0510	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,100.000	Ft
0520	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	1,600.000	Ft
0530	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	20.000	Ft
0540	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,700.000	Ft
0550	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	600.000	Ft
0560	Rem Curing Compound, for Spec Mrkg	8110321	400.000	Sft
0570	Rem Spec Mrkg	8110343	70.000	Sft
0580	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea
0590	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0600	Recessing Pavt Mrkg, Turning Guide Line	8110452	20.000	Sft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0630	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0640	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea
0650	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	70.000	Ft
0700	Pavt Mrkg, Longit, Water Blasting, 6 inch or less	8120212	365.000	Ft

	Width, Rem			
0710	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	372.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	372.000	Sft
0750	Mulch Blanket	8160027	1,500.000	Syd
0760	Topsoil Surface, Furn, 4 inch	8160062	1,500.000	Syd
0770	_ Roadside Seeding	8167011	1,500.000	Syd
0780	Cable, Rem	8190016	50.000	Ft
0790	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
0800	Conduit, DB, 2, 3 inch	8190032	25.000	Ft
0810	Conduit, DB, 3, 3 inch	8190035	25.000	Ft
0820	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
0830	Hh, Rem	8190254	2.000	Ea
0840	Hh, Round	8190260	1.000	Ea
0850	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
0860	Case Sign, Rem	8200020	4.000	Ea
0870	Controller and Cabinet, Rem	8200030	1.000	Ea
0880	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0890	Controller Fdn, Base Mount	8200045	1.000	Ea
0900	Controller Fdn, Rem	8200046	1.000	Ea
0910	Fdn, Rem	8200065	1.000	Ea
0920	Pedestal, Alum	8200100	1.000	Ea
0930	Pedestal, Fdn	8200105	1.000	Ea
0940	Pushbutton and Sign	8200121	1.000	Ea
0950	Pushbutton, Rem	8200122	5.000	Ea
0960	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
0970	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0980	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0990	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1000	TS, One Way Mast Arm Mtd (LED)	8200359	9.000	Ea
1010	Hemispherical Video Detection Camera	8200444	1.000	Ea
1020	Hemispherical Video Detection System	8200445	1.000	Ea
1030	Casing	8200480	14.000	Ft
1040	Backplate, TS	8200501	11.000	Ea
1050	_ Street Name Sign, Two Way, Illuminated, Rem	8207050	1.000	Ea
1060	_ Street Name Sign, Two Way, Illuminated, Salv	8207050	1.000	Ea
1070	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
1080	_ TS, One Way Mast Arm Mtd, FYA (LED)	8207050	3.000	Ea
1090	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
1100	Gate Box, Adj, Case 1	8230431	1.000	Ea
1110	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	100.000	Ft
1120	Fiber Optic, Hardware Assembly, Small	8260065	1.000	Ea
1130	Tracer Wire	8260070	30.000	Ft

1140	Fiber Optic, Pigtail	8260071	12.000	Ea
1150	Fiber Optic, Jumper	8260072	2.000	Ea
1160	Managed Field Ethernet Switch, Rem and Salv	8260084	1.000	Ea
1170	Managed Field Ethernet Switch, Install Salv	8260085	1.000	Ea
1180	_ Digital Video Encoder, Install Salv	8267050	1.000	Ea
1190	_ Digital Video Encoder, Rem and Salv	8267050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 034

Letting Date: March 1, 2019

Contract ID: 41000-130695

Description: 2.02 mi of hot mix asphalt base crushing, shaping and resurfacing and pavement markings on 6 Mile Road from west of Walker Avenue to Alpine Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130695A	1900200	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,700.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	500.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0040	Material, Surplus and Unsuitable, Rem, LM	3050010	900.000	Cyd
0050	Salv Crushed Material, LM	3050015	600.000	Cyd
0060	_ HMA Base Crushing and Shaping, Modified	3057011	57,768.000	Syd
0070	Approach, CI III, CIP	3070042	490.000	Cyd
0080	Shoulder, CI III , CIP	3070141	400.000	Ton
0090	_ Trenching, Modified	3077002	105.000	Sta
0100	_ Shoulder, CI III, CIP, Modified	3077011	3,988.000	Syd
0110	HMA, 3C	5010031	5,384.000	Ton
0120	HMA, 5E1	5010056	4,038.000	Ton
0130	HMA Approach	5010061	100.000	Ton
0140	_ HMA Spillway	5017001	250.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	101.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	26.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,200.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,200.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0220	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,300.000	Ft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	644.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	644.000	Sft

0280	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Riprap, Plain	8130010	55.000	Syd
0320	Topsoil Surface, Furn, LM	8160071	1,000.000	Cyd
0330	_ Roadside Seeding	8167002	105.000	Sta
0340	Monument Box	8210001	4.000	Ea
0350	Monument Preservation	8210010	4.000	Ea
0360	_ Well Brine, 26%	8507022	43,350.000	Gal



Schedule of Pay Items

Report v1

Letting Call: 190301 035

Letting Date: March 1, 2019

Contract ID: 41000-130688

Description: 1.00 mi of hot mix asphalt resurfacing, concrete curb, gutter and sidewalk ramps, roadway grading and pavement markings on Byron Center Avenue from 92nd Street to 84th Street, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130688A	1900269	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	200.000	Ft
0030	Sidewalk, Rem	2040055	120.000	Syd
0040	_ Roadway Grading	2057011	21,824.000	Syd
0050	Project Cleanup	2090001	1.000	LSUM
0060	_ Aggregate Base, Modified	3027031	200.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	25.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0090	Dr Structure, Temp Lowering	4030390	25.000	Ea
0100	_ Manhole Channel Protection	4037050	10.000	Ea
0110	HMA Surface, Rem	5010005	21,824.000	Syd
0120	HMA, 3C	5010031	4,400.000	Ton
0130	HMA, 5E3	5010057	2,200.000	Ton
0140	Curb and Gutter, Conc, Det B2	8020016	20.000	Ft
0150	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0160	Detectable Warning Surface	8030010	70.000	Ft
0170	Curb Ramp Opening, Conc	8030030	70.000	Ft
0180	Sidewalk Ramp, Conc, 4 inch	8030034	470.000	Sft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	470.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	150.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	35.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,100.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,523.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea

0280	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0290	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0300	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0310	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0320	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,400.000	Ft
0350	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	500.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	20,800.000	Ft
0370	Sign Cover	8120310	4.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	888.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	888.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Topsoil Surface, Furn, 4 inch	8160062	200.000	Syd
0420	_ Roadside Seeding, Modified	8167011	200.000	Syd
0430	Monument Box	8210001	1.000	Ea
0440	Monument Preservation	8210010	1.000	Ea
0450	Water Shutoff, Adj, Case 1	8230421	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 036

Letting Date: March 1, 2019

Contract ID: 22000-203214

Description: 0.51 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, replace culvert and pavement markings on Campbell Street from East Breitung Avenue to the south city limits of Iron Mountain, Dickinson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203214A	N/A	N/A	EDF 22000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Backfill, Swamp	2050001	1,760.000	Cyd
0050	Excavation, Earth	2050016	1,230.000	Cyd
0060	Excavation, Peat	2050017	1,760.000	Cyd
0070	Erosion Control, Silt Fence	2080036	100.000	Ft
0080	Subbase, CIP	3010002	1,230.000	Cyd
0090	Aggregate Base, 9 inch	3020022	680.000	Syd
0100	HMA Base Crushing and Shaping	3050002	9,400.000	Syd
0110	Approach, CI II	3070021	21.000	Ton
0120	Shoulder, CI II	3070121	220.000	Ton
0130	Culv End Sect, 15 inch	4010015	1.000	Ea
0140	Culv End Sect, 18 inch	4010018	4.000	Ea
0150	Culv End Sect, Grate	4010083	397.000	Lb
0160	Culv, CI A, CSP, 15 inch	4010200	45.000	Ft
0170	Culv, CI A, CSP, 18 inch	4010201	110.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	155.000	Ft
0190	Dr Structure Cover, Type D	4030025	1.000	Ea
0200	Dr Structure, 24 inch dia	4030200	1.000	Ea
0210	HMA Surface, Rem	5010005	520.000	Syd
0220	HMA, 4E1	5010050	1,800.000	Ton
0230	HMA Approach	5010061	60.000	Ton
0240	Driveway, Reinf Conc, 6 inch	8010001	2.000	Syd
0250	Curb Sloped, HMA	8050010	1,300.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,400.000	Ft
0270	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	5,300.000	Ft

0280	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	30.000	Ft
0290	_ Pavt Mrkg,Thermopl, Left Arrow	8117050	1.000	Ea
0300	_ Pavt Mrkg,Thermopl, Right Arrow	8117050	1.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	358.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	358.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Riprap, Plain	8130010	18.000	Syd
0420	_ HMA Spillway	8147050	4.000	Ea
0430	Slope Restoration, Type B	8160101	1,320.000	Syd
0440	Gate Box, Adj, Case 1	8230431	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 037

Letting Date: March 1, 2019

Contract ID: 01000-133066

Description: Remove and replace hot mix asphalt bridge wearing surface, replace waterproofing membrane, concrete beam end repairs, substructure patching and guardrail on West Bamfield Road over the AuSable River, Alcona County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133066A	1900250	N/A	BHT 01000

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	Guardrail, Rem	2040035	637.000	Ft
0030	Embankment, CIP	2050010	45.000	Cyd
0040	Excavation, Earth	2050016	450.000	Cyd
0050	Erosion Control, Silt Fence	2080036	350.000	Ft
0060	Subbase, CIP	3010002	140.000	Cyd
0070	Aggregate Base	3020001	430.000	Ton
0080	Shoulder, CI II	3070121	18.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0100	Dr Structure Cover, Type R	4030070	2.000	Ea
0110	_ HMA Valley Gutter	5017001	282.000	Ft
0120	Guardrail, Type MGS-8	8070004	413.000	Ft
0130	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0140	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0150	Guardrail Reflector	8070080	22.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,250.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,250.000	Ft
0180	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	50.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	200.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0250	Plastic Drum, High Intensity, Lighted, Furn	8120260	50.000	Ea
0260	Plastic Drum, High Intensity, Lighted, Oper	8120261	50.000	Ea
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch,	8120265	22.000	Ft

	Stop Bar			
0280	PTS System, Temp, Furn	8120270	1.000	Ea
0290	PTS System, Temp, Oper	8120271	1.000	Ea
0300	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0310	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	195.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	195.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Slope Restoration	8167051	1.000	LSUM

Section: 2

0360	HMA, 13A	5010033	200.000	Ton
0370	_ HMA Surface, Rem, Modified	5017011	1,220.000	Syd
0380	Conc, Grade D	7060010	18.000	Cyd
0390	Expansion Joint Device	7060050	105.000	Ft
0400	False Decking	7060060	4,000.000	Sft
0410	Reinforcement, Steel, Epoxy Coated	7060092	334.000	Lb
0420	Membrane, Preformed Waterproofing	7100008	6,284.000	Sft
0430	Conc Surface Coating	7100011	35.000	Syd
0440	_ Silane Treatment	7107010	2,898.000	Sft
0450	Hand Chipping, Other Than Deck	7120007	160.000	Cft
0460	Patching Mortar or Conc	7120015	1.000	Cyd
0470	Patch, Forming	7120017	385.000	Sft
0480	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	8.000	Ea
0490	Deck Joint, Rem	7120071	105.000	Ft
0500	Patching Conc, C-L	7120112	6.000	Cyd
0510	_ Hand Chipping, Special	7127010	33.000	Sft
0520	_ Beam End Repair, Latex Modified Conc.	7127020	3.000	Cft
0530	Beam Plate, Seal Perimeter	7130010	55.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 038

Letting Date: March 1, 2019

Contract ID: 61000-130796

Description: 0.88 mi of concrete pavement reconstruction, storm sewer, concrete curb, gutter and sidewalk, streetscape and pavement markings on Lakeshore Drive from McCracken Street to Laketon Avenue in the city of Muskegon, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130796A	1900309	N/A	STU 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$519,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	84.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	3,336.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	111.000	Ft
0050	Curb and Gutter, Rem	2040020	11,000.000	Ft
0060	Pavt, Rem	2040050	2,200.000	Syd
0070	Sidewalk, Rem	2040055	5,730.000	Syd
0080	Subgrade Undercutting, Type II	2050041	800.000	Cyd
0090	_ Machine Grading, Modified	2057002	47.000	Sta
0100	_ Non Haz Contaminated Material Handling and Disposal	2057030	140,000.000	Lb
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	92.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,275.000	Ft
0130	_ Aggregate Base, 5 inch, Modified	3027011	22,175.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	1,300.000	Syd
0150	_ Approach, CL II, 6 inch, Modified	3027011	1,125.000	Syd
0160	Sewer, CI IV, 12 inch, Tr Det B	4020987	2,130.000	Ft
0170	Sewer, CI IV, 15 inch, Tr Det B	4020988	135.000	Ft
0180	Sewer, CI IV, 18 inch, Tr Det B	4020989	260.000	Ft
0190	Sewer, CI IV, 24 inch, Tr Det B	4020993	260.000	Ft
0200	Sewer Tap, 10 inch	4021203	1.000	Ea
0210	Sewer Tap, 12 inch	4021204	3.000	Ea
0220	Sewer Tap, 18 inch	4021206	5.000	Ea
0230	Sewer Tap, 24 inch	4021207	3.000	Ea
0240	Video Taping Sewer and Culv Pipe	4021275	2,371.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	50.000	Ea
0260	Dr Structure Cover, Type K	4030050	66.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	20.000	Ea

0280	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0290	_ Dr Structure Cover, Sanitary	4037050	14.000	Ea
0300	_ Dr Structure Cover, Type B, Mod	4037050	47.000	Ea
0310	_ Dr Structure, 24 inch dia, Modified	4037050	33.000	Ea
0320	_ Dr Structure, 48 inch dia, Modified	4037050	37.000	Ea
0330	_ Dr Structure, 60 inch dia, Modified	4037050	7.000	Ea
0340	_ Dr Structure, 72 inch dia, Modified	4037050	2.000	Ea
0350	HMA Surface, Rem	5010005	22,650.000	Syd
0360	Hand Patching	5010025	5.000	Ton
0370	HMA Approach	5010061	276.000	Ton
0380	Conc Pavt, Nonreinf, 10 inch	6020108	21,375.000	Syd
0390	Joint, Expansion, E2	6020207	905.000	Ft
0400	Joint, Plane-of-Weakness, W	6020211	15,549.000	Ft
0410	Pavt Gapping	6020215	240.000	Ft
0420	_ Conc Crosswalk Pavt, Decorative, Reinf, 10 inch	6027011	1,024.000	Syd
0430	Joint, Tied, Trg	6030023	218.000	Ft
0440	Elec Grounding System	7060040	2.000	Ea
0450	_ Joint Sealant	7067001	160.000	Ft
0460	_ Limestone Wall Cap	7067001	424.000	Ft
0470	_ Masonry Sign Wall	7067001	64.000	Ft
0480	_ Masonry Wall	7067001	360.000	Ft
0490	_ Block Clean and Seal	7067010	3,565.000	Sft
0500	_ Limestone Pier Cap	7067050	26.000	Ea
0510	_ Masonry Column	7067050	26.000	Ea
0520	Driveway, Nonreinf Conc, 6 inch	8010005	735.000	Syd
0530	Curb and Gutter, Conc, Det F3	8020037	10,175.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	236.000	Ft
0550	_ Planter Curb, Exposed Aggregate	8027001	370.000	Ft
0560	Detectable Warning Surface	8030010	479.000	Ft
0570	Curb Ramp Opening, Conc	8030030	700.000	Ft
0580	Sidewalk Ramp, Conc, 6 inch	8030036	4,810.000	Sft
0590	Sidewalk, Conc, 4 inch	8030044	45,250.000	Sft
0600	Sidewalk, Conc, 6 inch	8030046	5,100.000	Sft
0610	Guardrail, Reconst, Type B	8070105	365.000	Ft
0620	_ Fence, Ornamental Aluminum	8087001	356.000	Ft
0630	Post, Steel, 3 lb	8100371	1,300.000	Ft
0640	Sign, Type IIIA	8100404	170.000	Sft
0650	Sign, Type IIIB	8100405	210.000	Sft
0660	_ Sign, Rem	8107050	40.000	Ea
0670	_ Wayfinding Sign	8107050	3.000	Ea
0680	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,510.000	Ft
0690	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,600.000	Ft
0700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,750.000	Ft
0710	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	300.000	Ft
0720	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	9,800.000	Ft

0730	Rem Curing Compound, for Spec Mrkg	8110321	500.000	Sft
0740	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	29.000	Ea
0750	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0760	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	1,440.000	Ft
0770	Recessing Pavt Mrkg, Longit	8110450	9,800.000	Ft
0780	Recessing Pavt Mrkg, Transv	8110451	1,350.000	Sft
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0810	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0820	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0830	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0850	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	100.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,800.000	Ft
0870	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0880	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0890	Sign Cover	8120310	12.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	495.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	495.000	Sft
0920	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	84.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	84.000	Sft
0940	Traf Regulator Control	8120370	1.000	LSUM
0950	Asclepias tuberosa, #1 cont.	8150403	14.000	Ea
0960	Cercis canadensis, 2 inch clump, 3 Stem	8150805	6.000	Ea
0970	Juniperus virginiana, 6 foot	8152032	5.000	Ea
0980	Perovskia atriplicifolia Filigran, #2 cont.	8152665	11.000	Ea
0990	Prunus serrulata Royal Burgundy, 2 inch	8152955	10.000	Ea
1000	Rudbeckia speciosa Viettes Little Suzy, #2 cont.	8153310	30.000	Ea
1010	Sporobolus heterolepis Tara, #2 cont.	8153640	97.000	Ea
1020	_ Prepared Planting Medium	8157021	27.000	Cyd
1030	_ Acer truncatum x platanoides Warrenred Pacific Sunset, 2 inch	8157050	17.000	Ea
1040	_ Acer x Freemani Celebration, 3 1/2 inch	8157050	8.000	Ea
1050	_ Allium millenium, #1 cont.	8157050	33.000	Ea
1060	_ Amelanchier x Autumn Brilliance 2 1/2 inch	8157050	12.000	Ea
1070	_ Aster oblongifolius October Skies, #1 cont.	8157050	24.000	Ea
1080	_ Celtis occidentalis, 3 1/2 inch	8157050	18.000	Ea
1090	_ Crataegus virdis Winter King, 2 1/2 inch	8157050	6.000	Ea
1100	_ Ginkgo boloba Princeton Sentry, 3 1/2 inch	8157050	12.000	Ea
1110	_ Iris versicolor Gerald Darby, #1 cont.	8157050	13.000	Ea
1120	_ Koelreuteria paniculata, 3 inch	8157050	9.000	Ea
1130	_ Platanus x acerifolia Bloodgood, 3 1/2 inch	8157050	5.000	Ea
1140	_ Quercus imricaria, 3 1/2 inch	8157050	6.000	Ea

1150	_ Rosa Coral Drift Meidriflora, #5 cont.	8157050	44.000	Ea
1160	_ Syringa pekinesis Zhang Zhiming, 2 inch	8157050	18.000	Ea
1170	_ Ulmus Morton Glossy, 3 inch	8157050	6.000	Ea
1180	_ Zelkova serrata Green Vase, 3 1/2 inch	8157050	8.000	Ea
1190	_ Turf Establishment	8167002	47.000	Sta
1200	Conduit, Schedule 40, 1 1/2 inch	8190146	5,794.000	Ft
1210	Conduit, Schedule 40, 3 inch	8190149	40.000	Ft
1220	Conduit, Schedule 80 PVC, 1 1/2 inch	8190156	845.000	Ft
1230	Conduit, Schedule 80 PVC, 2 inch	8190157	95.000	Ft
1240	Conduit, Schedule 80 PVC, 3 inch	8190159	40.000	Ft
1250	DB Cable, in Conduit, 600V, 1/C#2	8190201	3,950.000	Ft
1260	DB Cable, in Conduit, 600V, 1/C#4	8190207	8,150.000	Ft
1270	DB Cable, in Conduit, 600V, 1/C#6	8190211	2,200.000	Ft
1280	DB Cable, in Conduit, 600V, 1/C#8	8190212	350.000	Ft
1290	Cable, Equipment Grounding Wire, 1/C#2	8190232	1,975.000	Ft
1300	Cable, Equipment Grounding Wire, 1/C#4	8190234	4,075.000	Ft
1310	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,100.000	Ft
1320	Cable, Equipment Grounding Wire, 1/C#8	8190237	175.000	Ft
1330	Cable, Equipment Grounding Wire, 1/C#12	8190239	10,005.000	Ft
1340	Hh, Heavy Duty Cover	8190246	7.000	Ea
1350	Light Std Fdn	8190279	62.000	Ea
1360	Luminaire	8190330	4.000	Ea
1370	_ DB Cable, in Conduit, 600V, 1/C#12	8197001	21,960.000	Ft
1380	_ Flag Pole, 30 feet	8197050	4.000	Ea
1390	_ Flag Pole, 40 feet with Yard Arm	8197050	2.000	Ea
1400	_ Light Std Arm, Decorative	8197050	62.000	Ea
1410	_ Light Std Banner Arm, Decorative	8197050	62.000	Ea
1420	_ Light Std Shaft, Decorative	8197050	62.000	Ea
1430	_ Lighting Control Panel	8197050	2.000	Ea
1440	_ Luminaire, Decorative	8197050	62.000	Ea
1450	Controller Fdn, Base Mount	8200045	2.000	Ea
1460	Pedestal, Alum	8200100	5.000	Ea
1470	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dlr
1480	Serv Disconnect	8200135	2.000	Ea
1490	Fire Hydrant	8230040	14.000	Ea
1500	Gate Valve and Box, 6 inch	8230051	8.000	Ea
1510	Gate Valve and Box, 8 inch	8230052	13.000	Ea
1520	Gate Valve and Box, 12 inch	8230054	6.000	Ea
1530	Hydrant, Rem	8230091	13.000	Ea
1540	Water Main, DI, 6 inch, Tr Det G	8230151	271.000	Ft
1550	Water Main, DI, 8 inch, Tr Det G	8230156	545.000	Ft
1560	Water Main, DI, 12 inch, Tr Det G	8230166	211.000	Ft
1570	Water Main, DI, 24 inch, Tr Det G	8230181	371.000	Ft
1580	Live Tap, 12 inch by 24 inch	8230268	1.000	Ea
1590	Gate Well, 72 inch dia	8230372	6.000	Ea

1600	Gate Box, Adj, Case 1	8230431	6.000	Ea
1610	_ Water Main, DI, 30 inch, Tr Det G	8237001	3,825.000	Ft
1620	_ Water Main, DI, 4 inch, Tr Det G	8237001	27.000	Ft
1630	_ Water Main, Rem, 24 inch	8237001	7,740.000	Ft
1640	_ Water Main, Rem, Less than 24 inch	8237001	720.000	Ft
1650	_ Water Service, 1 inch	8237001	3,200.000	Ft
1660	_ Water Service, 2 inch	8237001	140.000	Ft
1670	_ Butterfly Valve and Box, 24 inch	8237050	3.000	Ea
1680	_ Butterfly Valve, 24 inch	8237050	3.000	Ea
1690	_ Butterfly Valve, 30 inch	8237050	3.000	Ea
1700	_ Gate Well, 108 inch x 84 inch	8237050	2.000	Ea
1710	_ Water Main, Bend, 22.5 Degree, 6 inch	8237050	1.000	Ea
1720	_ Water Main, Bend, 45 Degree, 12 inch	8237050	16.000	Ea
1730	_ Water Main, Bend, 45 Degree, 24 inch	8237050	7.000	Ea
1740	_ Water Main, Bend, 45 Degree, 30 inch	8237050	9.000	Ea
1750	_ Water Main, Bend, 45 Degree, 4 inch	8237050	2.000	Ea
1760	_ Water Main, Bend, 45 Degree, 6 inch	8237050	6.000	Ea
1770	_ Water Main, Bend, 45 Degree, 8 inch	8237050	31.000	Ea
1780	_ Water Main, Bend, 90 Degree, 24 inch	8237050	4.000	Ea
1790	_ Water Main, Cap, 12 inch	8237050	1.000	Ea
1800	_ Water Main, Cap, 30 inch	8237050	1.000	Ea
1810	_ Water Main, Cap, 8 inch	8237050	5.000	Ea
1820	_ Water Main, Cross, 30 inch x 12 inch	8237050	3.000	Ea
1830	_ Water Main, Cross, 30 inch x 24 inch	8237050	1.000	Ea
1840	_ Water Main, Cross, 30 inch x 8 inch	8237050	2.000	Ea
1850	_ Water Main, Reducer, 12 inch x 4 inch	8237050	1.000	Ea
1860	_ Water Main, Reducer, 12 inch x 6 inch	8237050	1.000	Ea
1870	_ Water Main, Reducer, 12 inch x 8 inch	8237050	2.000	Ea
1880	_ Water Main, Reducer, 30 inch x 24 inch	8237050	3.000	Ea
1890	_ Water Main, Reducer, 8 inch x 6 inch	8237050	7.000	Ea
1900	_ Water Main, Sleeve, 12 inch	8237050	4.000	Ea
1910	_ Water Main, Sleeve, 24 inch	8237050	8.000	Ea
1920	_ Water Main, Sleeve, 4 inch	8237050	1.000	Ea
1930	_ Water Main, Sleeve, 6 inch	8237050	5.000	Ea
1940	_ Water Main, Tee, 12 inch x 12 inch x 6 inch	8237050	1.000	Ea
1950	_ Water Main, Tee, 30 inch x 30 inch x 12 inch	8237050	2.000	Ea
1960	_ Water Main, Tee, 30 inch x 30 inch x 24 inch	8237050	2.000	Ea
1970	_ Water Main, Tee, 30 inch x 30 inch x 6 inch	8237050	2.000	Ea
1980	_ Water Main, Tee, 30 inch x 30 inch x 8 inch	8237050	8.000	Ea
1990	_ Water Main, Tee, 8 inch x 8 inch x 6 inch	8237050	6.000	Ea
2000	_ Water Main, Wye, 30 inch x 24 inch	8237050	1.000	Ea
2010	_ Water Meter Pit	8237050	19.000	Ea
2020	_ Water Service, Curb Box	8237050	44.000	Ea
2030	_ Water Main_Dewatering System for Petroleum Contaminated Groundwater	8237051	1.000	LSUM

2040	_ Sanitary Sewer, 12 inch	8257001	45.000	Ft
2050	_ Bench	8507050	8.000	Ea
2060	_ Bench, Backless	8507050	15.000	Ea
2070	_ Bike Rack	8507050	6.000	Ea
2080	_ Litter Receptacle	8507050	8.000	Ea
2090	_ Tree Grate, 48 inch by 48 inch	8507050	28.000	Ea
2100	_ Tree Pipe Well	8507050	112.000	Ea
2110	_ Automated Irrigation System	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 039

Letting Date: March 1, 2019

Contract ID: 55141-129717

Description: 2.57 mi of hot mix asphalt reconstruction and pavement markings on County Road 400 north of US-2, Menominee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129717A	1900244	N/A	STL 55141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$97,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	28.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0060	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0070	Pavt, Rem	2040050	130.000	Syd
0080	Embankment, CIP	2050010	453.000	Cyd
0090	Excavation, Earth	2050016	495.000	Cyd
0100	_ HMA, Spillway	2067011	150.000	Syd
0110	Erosion Control, Silt Fence	2080036	1,450.000	Ft
0120	Erosion Control, Stone Bag	2080038	500.000	Ea
0130	Aggregate Base	3020001	600.000	Ton
0140	HMA Base Crushing and Shaping	3050002	46,900.000	Syd
0150	Approach, CI II	3070021	275.000	Ton
0160	Shoulder, CI II, 3 inch	3070125	9,650.000	Syd
0170	Culv, CI F, 12 inch	4010607	55.000	Ft
0180	Culv, CI F, 15 inch	4010608	747.000	Ft
0190	Culv, CI F, 18 inch	4010609	96.000	Ft
0200	Culv, CI F, 24 inch	4010610	194.000	Ft
0210	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0220	Culv Bedding, Box Culv	4060005	52.000	Cyd
0230	_ Culv, Precast Conc Box, 12 foot by 6 foot, Modified	4067001	50.000	Ft
0240	HMA Surface, Rem	5010005	140.000	Syd
0250	HMA Approach	5010061	60.000	Ton
0260	HMA, LVSP	5010703	6,000.000	Ton
0270	Driveway, Reinf Conc, 6 inch	8010001	130.000	Syd
0280	Curb Sloped, HMA	8050010	6,500.000	Ft

0290	Guardrail, Type MGS-8	8070004	1,613.000	Ft
0300	Guardrail, Curved, Type MGS-8	8070012	80.000	Ft
0310	Guardrail Approach Terminal, Type 2M	8070044	12.000	Ea
0320	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0330	Post, Steel, 3 lb	8100371	430.000	Ft
0340	Sign, Type III, Rem	8100403	19.000	Ea
0350	Sign, Type IIIA	8100404	13.000	Sft
0360	Sign, Type IIIB	8100405	90.000	Sft
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,000.000	Ft
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,500.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	978.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	978.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Riprap, Plain	8130010	150.000	Syd
0480	Slope Restoration, Type B	8160101	2,500.000	Syd
0490	Monument Preservation	8210010	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 040

Letting Date: March 1, 2019

Contract ID: 44000-130853

Description: 0.60 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, embankment, earth excavation, aggregate base, aggregate shoulder, arch culvert, storm sewer, guardrail and pavement markings on Millville Road at Davis Lake Road, Lapeer County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130853A	1900297	N/A	CM 44000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$82,000.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	3.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0050	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0060	Dr Structure, Rem	2030011	1.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	56.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	190.000	Ft
0090	Curb and Gutter, Rem	2040020	481.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	29.000	Cyd
0110	Embankment, CIP	2050010	1,500.000	Cyd
0120	Excavation, Earth	2050016	2,000.000	Cyd
0130	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0150	Erosion Control, Silt Fence	2080036	5,000.000	Ft
0160	_ Aggregate Base, Modified	3027031	3,325.000	Ton
0170	HMA Base Crushing and Shaping	3050002	8,683.000	Syd
0180	Salv Crushed Material, LM	3050015	200.000	Cyd
0190	Maintenance Gravel	3060020	50.000	Ton
0200	_ Approach, CI I, 6 inch, Modified	3077011	58.000	Syd
0210	_ Shoulder, CI I, 6 inch, Modified	3077011	2,129.000	Syd
0220	Culv, CI E, Conc, 30 inch	4010577	98.000	Ft
0230	Culv, CSP Arch, CI F, 87 inch by 63 inch	4010780	190.000	Ft
0240	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0250	Sewer, CI IV, 18 inch, Tr Det B	4020989	54.000	Ft
0260	Sewer, CI IV, 24 inch, Tr Det B	4020993	438.000	Ft
0270	_ Sewer, CI A, Perforated SLCPP w/ Sock, 18 inch, Tr	4027001	781.000	Ft

Det B				
0280	Dr Structure Cover, Type B	4030010	1.000	Ea
0290	Dr Structure Cover, Type E	4030035	4.000	Ea
0300	Dr Structure Cover, Type J	4030045	3.000	Ea
0310	Dr Structure, 48 inch dia	4030210	7.000	Ea
0320	Underdrain, Subgrade, 6 inch	4040073	622.000	Ft
0330	HMA, 3C	5010031	1,711.000	Ton
0340	HMA, 4E3	5010051	1,711.000	Ton
0350	Curb and Gutter, Conc, Det B2	8020016	622.000	Ft
0360	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0370	Spillway, Conc	8020075	48.000	Ft
0380	Guardrail, Type B	8070000	525.000	Ft
0390	Guardrail, Curved, Type B	8070010	110.000	Ft
0400	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0410	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0420	Guardrail Reflector	8070080	1.000	Ea
0430	Post, Mailbox	8070095	1.000	Ea
0440	Post, Steel, 3 lb	8100371	224.000	Ft
0450	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0460	Sign, Type III, Rem	8100403	10.000	Ea
0470	Sign, Type IIIA	8100404	48.000	Sft
0480	Sign, Type IIIB	8100405	18.000	Sft
0490	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	33.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, White	8110231	645.000	Ft
0520	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,556.000	Ft
0530	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,011.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	645.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,556.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,011.000	Ft
0570	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0580	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0590	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0640	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	444.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	444.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	118.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	118.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0700	Riprap, Plain	8130010	68.000	Syd

0710	_ Turf Establishment, Performance	8167011	3,917.000	Syd
0720	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dir
0730	Monument Box	8210001	1.000	Ea
0740	Monument Preservation	8210010	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 041

Letting Date: March 1, 2019

Contract ID: 82000-203502

Description: 0.94 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, concrete curb, gutter, sidewalk and driveway and pavement markings on Ann Arbor Trail from Eckles Road to Newburgh Road in the city of Livonia, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203502A	1900284	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Misc Audio-Video Route Survey	1047051	1.000	LSUM
0020	Mobilization, Max \$75,000.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	826.000	Ft
0040	Sidewalk, Rem	2040055	292.000	Syd
0050	_ Pavt, Rem_Mod	2047011	2,500.000	Syd
0060	Embankment, CIP	2050010	300.000	Cyd
0070	Excavation, Earth	2050016	30.000	Cyd
0080	Erosion Control, Filter Bag	2080014	24.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0100	Erosion Control, Silt Fence	2080036	200.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base, 6 inch	3020016	185.000	Syd
0130	Maintenance Gravel	3060020	100.000	Ton
0140	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0150	Dr Structure Cover, Type D	4030025	13.000	Ea
0160	Dr Structure Cover, Type Q	4030065	2.000	Ea
0170	Dr Structure, Cleaning	4030290	16.000	Ea
0180	_ Misc Structure Cover, Adj, Case 1	4067050	5.000	Ea
0190	Cold Milling HMA Surface	5010002	24,365.000	Syd
0200	Pavt for Butt Joints, Rem	5010008	130.000	Syd
0210	Pavt Joint and Crack Repr, Det 7	5010020	3,900.000	Ft
0220	Hand Patching	5010025	130.000	Ton
0230	HMA, 4E1	5010050	2,600.000	Ton
0240	HMA, 5E1	5010056	1,950.000	Ton
0250	HMA Approach	5010061	175.000	Ton
0260	Driveway, Nonreinf Conc, 8 inch	8010007	185.000	Syd
0270	Curb and Gutter, Conc, Det F4	8020038	910.000	Ft

0280	Driveway Opening, Conc, Det M	8020050	144.000	Ft
0290	Detectable Warning Surface	8030010	50.000	Ft
0300	Curb Ramp Opening, Conc	8030030	108.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	508.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	850.000	Sft
0330	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0360	Pavt Mrkg, Polyurea, 4 inch, White	8110091	8,755.000	Ft
0370	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,320.000	Ft
0380	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	120.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0470	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	23.000	Ea
0480	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	82.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	655.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	655.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Fertilizer, Chemical Nutrient, CI A	8160020	200.000	Lb
0530	Mulch	8160025	450.000	Syd
0540	Seeding, Mixture THM	8160039	200.000	Lb
0550	Topsoil Surface, Furn, 3 inch	8160061	450.000	Syd
0560	Water, Sodding/Seeding	8160090	100.000	Unit
0570	Monument Box Adjust	8210005	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 190301 042

Letting Date: March 1, 2019

Contract ID: 20000-119504-2

Description: 2.35 mi of hot mix asphalt resurfacing on South Wakeley Bridge Road from the Ausable River north to East North Down River Road, Crawford County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119504A	1800976	N/A	STL 20000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,100.00	1500001	1.000	LSUM
0020	HMA, 4E1	5010050	7,745.000	Ton
0030	HMA Approach	5010061	136.000	Ton
0040	Curb Sloped, HMA	8050010	3,100.000	Ft
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,985.000	Ft
0090	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0100	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	376.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	376.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0140	Paved Ditch, HMA	8140010	40.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 043

Letting Date: March 1, 2019

Contract ID: 35069-133181

Description: 1.21 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base and pavement markings on Bissonette Drive from Lodge Road to Mission Drive and on Mission Drive from Bissonette Drive to Perimeter Road, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133181A	1900202	N/A	STUL 35069
133182A	1900177	N/A	STUL 35069

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,300.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	1,000.000	Ton
0030	_ HMA Base Crushing and Shaping, Modified	3057011	20,660.000	Syd
0040	_ Approach, CI II, Modified	3077031	10.000	Ton
0050	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0060	HMA, 13A	5010033	3,200.000	Ton
0070	HMA Approach	5010061	260.000	Ton
0080	Post, Steel, 3 lb	8100371	540.000	Ft
0090	Sign, Type III, Rem	8100403	50.000	Ea
0100	Sign, Type IIIA	8100404	195.000	Sft
0110	Sign, Type IIIB	8100405	35.000	Sft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,400.000	Ft
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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
0170	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	680.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	680.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0220	Monument Box	8210001	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 044

Letting Date: March 1, 2019

Contract ID: 11051-131063-2

Description: 1.05 mi of hot mix asphalt shared use path, steel pedestrian bridge, cofferdams, concrete sidewalk ramps, culvert and signing on Indiana-Michigan River Valley Trail from the Brandywine Creek Nature Preserve to Fort Street, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131063A	1800701	N/A	TA 11051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$73,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017012	4.000	Acre
0030	Curb and Gutter, Rem	2040020	30.000	Ft
0040	Fence, Rem	2040025	725.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Embankment, CIP	2050010	625.000	Cyd
0070	Excavation, Earth	2050016	340.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0100	Backfill, Structure, CIP	2060002	400.000	Cyd
0110	Excavation, Fdn	2060010	400.000	Cyd
0120	Erosion Control, Filter Bag	2080014	2.000	Ea
0130	Erosion Control, Silt Fence	2080036	5,500.000	Ft
0140	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0150	Aggregate Base, 6 inch	3020016	7,640.000	Syd
0160	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0170	Culv, CI E, 18 inch	4010541	50.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0190	HMA Surface, Rem	5010005	90.000	Syd
0200	Hand Patching	5010025	10.000	Ton
0210	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	320.000	Syd
0220	Conc Pavt, Bridge Approach, Reinf	6020600	15.000	Syd
0230	Cofferdams	7040007	1.000	LSUM
0240	Conc, Grade T	7060013	20.000	Cyd
0250	Reinforcement, Steel, Epoxy Coated	7060092	12,000.000	Lb
0260	Substructure Conc	7060100	40.000	Cyd
0270	_ Steel Pedestrian Bridge, Type 2, Erect, Modified	7077050	1.000	Ea

0280	_ Steel Pedestrian Bridge, Type 2, Furn and Fab, Modified	7077050	1.000	Ea
0290	_ Retaining Wall	8007010	280.000	Sft
0300	Driveway, Nonreinf Conc, 9 inch	8010008	495.000	Syd
0310	Detectable Warning Surface	8030010	60.000	Ft
0320	Curb Ramp Opening, Conc	8030030	30.000	Ft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	130.000	Sft
0340	Shared use Path, Grading	8060030	5,325.000	Ft
0350	Shared use Path, HMA	8060040	1,120.000	Ton
0360	Post, Mailbox	8070095	4.000	Ea
0370	_ 3 Strand Barbed Wire, Rem	8087001	585.000	Ft
0380	_ 3 Strand Barbed Wire, Salvage and Reinstall	8087001	395.000	Ft
0390	_ Fence, Rustic Split Rail (2 Rail)	8087001	95.000	Ft
0400	_ Trail Guardrail	8087001	470.000	Ft
0410	_ Foundation Posts	8087050	4.000	Ea
0420	Post, Steel, 3 lb	8100371	277.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0440	Sign, Type IIIA	8100404	21.000	Sft
0450	Sign, Type IIIB	8100405	54.000	Sft
0460	_ Trail Mile Marker	8107050	5.000	Ea
0470	_ Trailhead Sign	8107050	3.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	250.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	37.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	15.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Xing	8110047	2.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0540	Dust Palliative, Applied	8120100	20.000	Ton
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	421.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	421.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Riprap, Heavy	8130005	100.000	Syd
0620	Riprap, Plain	8130010	200.000	Syd
0630	Site Preparation, Max \$2,500.00	8150001	1.000	LSUM
0640	Watering and Cultivating, First Season, Min \$4,000.00	8150002	1.000	LSUM
0650	Watering and Cultivating, Second Season, Min \$3,000.00	8150003	1.000	LSUM
0660	Calamagrostis x acutiflora Karl Foerster, # 1 cont.	8150603	54.000	Ea
0670	Nepeta x faassenii Walkers Low, #1 cont.	8152496	34.000	Ea
0680	Rudbeckia fuldiga Goldsturm, #1 cont.	8153279	62.000	Ea
0690	_ Acer platanoides 'Royal Red', 2.5 inch	8157050	3.000	Ea
0700	_ Cornus florida ruba, 8 foot	8157050	5.000	Ea

0710	_ Picea pungens 'glauca', 8 foot	8157050	4.000	Ea
0720	Fertilizer, Chemical Nutrient, CI A	8160020	390.000	Lb
0730	Mulch	8160025	5,820.000	Syd
0740	Mulch Anchoring	8160026	5,820.000	Syd
0750	Mulch Blanket	8160027	3,700.000	Syd
0760	Seeding, Mixture TUF	8160042	125.000	Lb
0770	Topsoil Surface, Salv, 3 inch	8160076	8,020.000	Syd
0780	_ Native Seeding	8167011	5,675.000	Syd
0790	_ Advanced Pedestrian Crossing Unit	8207050	2.000	Ea
0800	_ Pedestrian Crossing Unit	8207050	2.000	Ea
0810	Hydrant, Relocate, Case 2	8230096	4.000	Ea
0820	Gate Box, Adj, Case 2	8230432	3.000	Ea
0830	_ Water Main, DI, 6 inch	8237001	40.000	Ft
0840	_ Structure, Timber, Boardwalk, Special	8507001	50.000	Ft
0850	_ Bench	8507050	4.000	Ea
0860	_ Picnic Table	8507050	3.000	Ea
0870	_ U Bike Rack	8507050	2.000	Ea
0880	_ Fishing Platform	8507051	1.000	LSUM

**Schedule of Pay Items**

Report v1

Letting Call: 190301 045**Letting Date:** March 1, 2019**Contract ID:** 82000-202825

Description: Traffic signal modernization at 18 locations along Rosa Parks Boulevard from Lafayette Street to Oakman Boulevard and on Russell Street from Ferry Street to Chrysler Freeway Service Drive/Holbrook Road in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202825A	1900272	N/A	CMG 82000

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, Rem, Modified	2047001	540.000	Ft
0030	_ Sidewalk, Rem, Modified	2047011	864.000	Syd
0040	Excavation, Earth	2050016	10.000	Cyd
0050	Granular Material, CI II	2050023	10.000	Cyd
0060	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0070	Curb and Gutter, Conc, Det C4	8020023	405.000	Ft
0080	Detectable Warning Surface	8030010	135.000	Ft
0090	Curb Ramp Opening, Conc	8030030	135.000	Ft
0100	Sidewalk Ramp, Conc, 6 inch	8030036	3,240.000	Sft
0110	Sidewalk, Conc, 4 inch	8030044	3,690.000	Sft
0120	Sidewalk, Conc, 6 inch	8030046	1,080.000	Sft
0130	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	1,000.000	Ft
0140	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	250.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0170	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,480.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,480.000	Sft
0250	Cable Pole, TS, Disman	8190010	10.000	Ea
0260	Cable, Sec, Rem	8190017	850.000	Ft

0270	Hh, Rem	8190254	1.000	Ea
0280	Hh, Round, 3 foot dia	8190259	13.000	Ea
0290	Cable, Sec, 600V, 1, 3/C#6	8190399	2,450.000	Ft
0300	Wood Pole, Cl 4, 40 foot	8190473	2.000	Ea
0310	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0320	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0330	Wood Pole, Rem	8190505	17.000	Ea
0340	_ Conduit Repr, Under Pavt, Modified	8197001	40.000	Ft
0350	_ Conduit Repr, Under Sidewalk or Earth, Modified	8197001	20.000	Ft
0360	_ Conduit, Encased, 1, 3 inch, Modified	8197001	10.000	Ft
0370	_ Conduit, Encased, 2, 3 inch, Modified	8197001	200.000	Ft
0380	_ Conduit, Encased, 3, 4 inch, Modified	8197001	175.000	Ft
0390	Anchor Guy	8200001	14.000	Ea
0400	Case Sign, Rem	8200020	10.000	Ea
0410	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	19.000	Ea
0420	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0430	Controller and Cabinet, Rem	8200030	15.000	Ea
0440	Controller Fdn, Base Mount	8200045	13.000	Ea
0450	Controller Fdn, Rem	8200046	4.000	Ea
0460	Fdn, Rem	8200065	13.000	Ea
0470	Fish Beacon, Solar Power	8200071	2.000	Ea
0480	Pedestal Fdn, Rem	8200106	7.000	Ea
0490	Pedestal, Rem	8200110	10.000	Ea
0500	Pushbutton and Sign	8200121	4.000	Ea
0510	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0520	Serv Disconnect	8200135	18.000	Ea
0530	Span Wire	8200140	66.000	Ea
0540	Span Wire, Rem	8200141	25.000	Ea
0550	Steel Pole, Rem	8200145	14.000	Ea
0560	Strain Pole, Steel, Anchor Base, 30 foot	8200155	36.000	Ea
0570	Strain Pole, Steel, Anchor Base, 36 foot	8200157	1.000	Ea
0580	Strain Pole, Steel, Anchor Fdn	8200165	37.000	Ea
0590	Guy, Rem	8200167	22.000	Ea
0600	Strut Guy	8200168	5.000	Ea
0610	TS, Bracket Arm Mtd, Rem	8200175	14.000	Ea
0620	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
0630	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	73.000	Ea
0640	TS, Pedestrian, Pedestal Mtd, Rem	8200181	14.000	Ea
0650	TS, Span Wire Mtd, Rem	8200182	58.000	Ea
0660	TS, One Way Span Wire Mtd (LED)	8200313	97.000	Ea
0670	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	7.000	Ea
0680	TS, Two Way Span Wire Mtd (LED)	8200322	6.000	Ea
0690	TS, Three Way Span Wire Mtd (LED)	8200325	4.000	Ea
0700	TS, Four Way Span Wire Mtd (LED)	8200327	4.000	Ea
0710	TS, One Way Bracket Arm Mtd (LED)	8200333	7.000	Ea

0720	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	24.000	Ea
0730	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	54.000	Ea
0740	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0750	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	7.000	Ea
0760	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0770	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0780	Bracket, Truss, Rem	8200388	1.000	Ea
0790	TS Face, Bag	8200458	12.000	Ea
0800	TS Face, Bag, Rem	8200459	12.000	Ea
0810	Casing	8200480	110.000	Ft
0820	_ Cellular Data Service for 2 Year	8207050	17.000	Ea
0830	_ Cellular Data Streaming for 2 hour per month and for 2 Year	8207050	1.000	Ea
0840	_ Controller and Cabinet, Digital Type, ITS	8207050	16.000	Ea
0850	_ Field Switch, 10/100/1000 Base T	8207050	16.000	Ea
0860	_ Hh, Clean	8207050	3.000	Ea
0870	_ Louvered Backplate	8207050	116.000	Ea
0880	_ Pedestal Alum, Modified	8207050	3.000	Ea
0890	_ Pedestal Fdn, Modified	8207050	1.000	Ea
0900	_ Video Capture and Streaming System	8207050	1.000	Ea
0910	_ Video Detection and Analytics System	8207050	1.000	Ea
0920	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	17.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 046

Letting Date: March 1, 2019

Contract ID: 61000-203221

Description: 0.46 mi of hot mix asphalt cold milling and resurfacing and concrete pavement repair on Whitehall Road from Holton Road (M-120) to the north city limits of North Muskegon in the city of North Muskegon, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203221A	N/A	N/A	EDF 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	50.000	Ft
0030	Sidewalk, Rem	2040055	35.000	Syd
0040	Aggregate Base, Conditioning	3020051	7.000	Sta
0050	Dr Structure Cover, Adj, Case 1, Modified	4030004	9.000	Ea
0060	Dr Structure, Temp Lowering	4030390	9.000	Ea
0070	_ Dr Structure Cover, Sanitary	4037050	3.000	Ea
0080	_ Dr Structure Cover, Type B, Mod	4037050	6.000	Ea
0090	Cold Milling HMA Surface	5010002	18,000.000	Syd
0100	HMA, 3E3	5010045	995.000	Ton
0110	HMA, 4E3	5010051	2,200.000	Ton
0120	HMA, 5E3	5010057	1,700.000	Ton
0130	Conc Base Cse, Nonreinf, 9 inch	6020021	11.000	Syd
0140	_ Conc Pavt Repair, Special	6037011	300.000	Syd
0150	Curb and Gutter, Conc, Det F4	8020038	15.000	Ft
0160	Detectable Warning Surface	8030010	40.000	Ft
0170	Curb Ramp Opening, Conc	8030030	40.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	200.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	115.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	80.000	Sft
0210	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,500.000	Ft
0220	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	5,900.000	Ft
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	600.000	Ft
0240	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	110.000	Ft
0250	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0260	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0270	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	4.000	Ea

0280	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
0290	Recessing Pavt Mrkg, Longit	8110450	7,400.000	Ft
0300	Recessing Pavt Mrkg, Transv	8110451	465.000	Sft
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Ltg for Night Work	8120160	1.000	LSUM
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,000.000	Ft
0360	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	225.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	225.000	Ea
0410	Sign Cover	8120310	10.000	Ea
0420	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0430	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	30.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	30.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Slope Restoration	8167011	60.000	Syd
0500	Gate Box, Adj, Case 1	8230431	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 047

Letting Date: March 1, 2019

Contract ID: 82144-204008

Description: 10.50 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, curb, gutter and sidewalk ramps, drainage, 2 railroad crossing improvements and pavement markings on 8 Mile Road from Woodward Ave to I-94 in the cities of Detroit, Harper Woods, Ferndale, Hazel Park, Warren and Eastpointe, Macomb, Wayne and Oakland Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204008A	N/A	N/A	GF19 82144
204732A	N/A	N/A	MRR 82143

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,141,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0040	Curb and Gutter, Rem	2040020	13,471.000	Ft
0050	Pavt, Rem	2040050	22,660.000	Syd
0060	Sidewalk, Rem	2040055	1,135.000	Syd
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	_ Sidewalk Ramp Layout	2047051	1.000	LSUM
0090	Embankment, CIP	2050010	800.000	Cyd
0100	Excavation, Earth	2050016	2,200.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	383.000	Ea
0130	Erosion Control, Maintenance, Sediment Removal	2080026	13.000	Cyd
0140	Erosion Control, Silt Fence	2080036	2,600.000	Ft
0150	Subbase, CIP	3010002	910.000	Cyd
0160	Aggregate Base, 6 inch	3020016	1,816.000	Syd
0170	Aggregate Base, 8 inch	3020020	3,480.000	Syd
0180	Dr Structure Cover, Adj, Case 1	4030005	341.000	Ea
0190	Dr Structure Cover, Type B	4030010	20.000	Ea
0200	Dr Structure Cover, Type D	4030025	9.000	Ea
0210	Dr Structure Cover, Type K	4030050	308.000	Ea
0220	Dr Structure, Cleaning	4030290	13.000	Ea
0230	Underdrain, Subbase, 6 inch	4040063	584.000	Ft
0240	Cold Milling HMA Surface	5010002	440,000.000	Syd
0250	HMA Surface, Rem	5010005	3,518.000	Syd

0260	HMA Quality Initiative	5010007	106,454.000	Dir
0270	Longitudinal Joint Density Quality Initiative	5010018	180,000.000	Dir
0280	Pavt Joint and Crack Repr, Det 7	5010020	95,530.000	Ft
0290	Hand Patching	5010025	10,520.000	Ton
0300	HMA, 2C	5010030	771.000	Ton
0310	HMA, 3C	5010031	578.000	Ton
0320	HMA, 4C	5010032	295.000	Ton
0330	HMA Approach	5010061	5,123.000	Ton
0340	_ HMA Mixture Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	35,940.000	Ton
0350	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	20,900.000	Syd
0360	Joint, Contraction, Cp	6020200	11,200.000	Ft
0370	Cement	6030005	392.000	Ton
0380	Joint, Contraction, Crg	6030020	29,000.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	9,550.000	Ea
0400	Non-Chloride Accelerator	6030035	31,000.000	Gal
0410	Pavt Repr, Nonreinf Conc, 11 inch	6030050	6,358.000	Syd
0420	Pavt Repr, Rem	6030080	6,358.000	Syd
0430	Saw Cut, Intermediate	6030090	14,500.000	Ft
0440	Curb and Gutter, Conc, Det F6	8020040	12,887.000	Ft
0450	Detectable Warning Surface	8030010	340.000	Ft
0460	Sidewalk Ramp, Conc, 4 inch	8030034	10,215.000	Sft
0470	Fence, Temp	8080004	900.000	Ft
0480	Fdn, Wood Support, Rem	8100280	5.000	Ea
0490	Post, Steel, 3 lb	8100371	148.000	Ft
0500	Post, Wood, 4 inch by 6 inch	8100380	18.000	Ft
0510	Post, Wood, 6 inch by 8 inch	8100382	70.000	Ft
0520	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0530	Sign, Type I, Rem	8100391	1.000	Ea
0540	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0550	Sign, Type II, Rem	8100397	1.000	Ea
0560	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0570	Sign, Type III, Rem	8100403	10.000	Ea
0580	Sign, Type IIIB	8100405	51.000	Sft
0590	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	6,400.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	5,400.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	26.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0670	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	550.000	Ft
0680	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	100.000	Ft

0690	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0700	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	13,800.000	Ft
0710	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	210.000	Ft
0720	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	300.000	Ft
0730	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,650.000	Ft
0740	Rem Spec Mrkg	8110343	1,000.000	Sft
0750	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0760	_ Pavt Mrkg, Methyl Methacrylate, 60 inch, Green	8117001	250.000	Ft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	90.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	90.000	Ea
0790	Pedestrian Type II Barricade, Temp	8120026	21.000	Ea
0800	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
0810	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
0820	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
0830	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0840	Conc Barrier Reflector Replacement	8120070	100.000	Ea
0850	Conc Barrier, Temp, Adj	8120080	1,900.000	Ft
0860	Conc Barrier, Temp, Furn	8120081	1,900.000	Ft
0870	Conc Barrier, Temp, Oper	8120082	1,900.000	Ft
0880	High Intensity Light, Type B, Furn	8120110	5.000	Ea
0890	High Intensity Light, Type B, Oper	8120111	5.000	Ea
0900	Lighted Arrow, Type C, Furn	8120140	21.000	Ea
0910	Lighted Arrow, Type C, Oper	8120141	21.000	Ea
0920	Ltg for Night Work	8120160	1.000	LSUM
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Mobile Attenuator	8120180	4.000	Ea
0950	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,000.000	Ft
0960	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	100,500.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,900.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	27,650.000	Ft
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	28,700.000	Ft
1010	Plastic Drum, Fluorescent, Furn	8120252	750.000	Ea
1020	Plastic Drum, Fluorescent, Oper	8120253	750.000	Ea
1030	Sign Cover	8120310	80.000	Ea
1040	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
1050	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
1060	Sign, Type A, Temp, Prismatic, Furn	8120340	200.000	Sft
1070	Sign, Type A, Temp, Prismatic, Oper	8120341	200.000	Sft
1080	Sign, Type B, Temp, Prismatic, Furn	8120350	5,500.000	Sft

1090	Sign, Type B, Temp, Prismatic, Oper	8120351	5,500.000	Sft
1100	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	370.000	Sft
1110	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	370.000	Sft
1120	Traf Regulator Control	8120370	1.000	LSUM
1130	_ Bus Stop, Temp	8127050	12.000	Ea
1140	Water, Sodding/Seeding	8160090	10.000	Unit
1150	Slope Restoration, Type A	8160100	6,837.000	Syd
1160	Monument Box	8210001	4.000	Ea
1170	Monument Box Adjust	8210005	4.000	Ea
1180	Monument Preservation	8210010	4.000	Ea
1190	Contractor Staking, Road Only	8240007	1.000	LSUM
1200	Staking Plan Errors and Extras, One Person	8240020	29.000	Hr
1210	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
1220	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr
1230	_ Railroad Protection, at Grade Crossing	8507060	30,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 048

Letting Date: March 1, 2019

Contract ID: 50022-201387

Description: 2.38 mi of concrete pavement repairs, curb, and gutter and pavement markings on M-59 from Romeo Plank Road to Elizabeth Street, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201387A	1900369	N/A	NH 50022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$242,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,000.000	Ft
0030	Pavt, Rem	2040050	2,500.000	Syd
0040	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	170.000	Ea
0060	Aggregate Base, Conditioning	3020050	2,500.000	Syd
0070	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0080	Dr Structure Cover, Type D	4030025	10.000	Ea
0090	Conc Pavt, Misc, Nonreinf, 11 1/2 inch	6020061	2,500.000	Syd
0100	Joint, Contraction, Cp	6020200	11,000.000	Ft
0110	Joint, Expansion, E2	6020207	1,050.000	Ft
0120	Joint, Expansion, E4	6020209	1,550.000	Ft
0130	Cement	6030005	225.000	Ton
0140	Joint, Contraction, Crg	6030020	39,500.000	Ft
0150	Joint, Expansion, Erg	6030021	10,500.000	Ft
0160	Lane Tie, Epoxy Anchored	6030030	5,500.000	Ea
0170	Non-Chloride Accelerator	6030035	9,500.000	Gal
0180	Pavt Repr, Nonreinf Conc, 11 1/2 inch	6030051	14,000.000	Syd
0190	Pavt Repr, Rem	6030080	14,000.000	Syd
0200	Saw Cut, Intermediate	6030090	12,000.000	Ft
0210	Sawing and Sealing Longit Pavt Joints	6030095	7,000.000	Ft
0220	Curb and Gutter, Conc, Det F5	8020039	1,000.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	250.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	100.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	38.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	18.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	32.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0290	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	250.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,100.000	Ft
0310	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	24,200.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	18,500.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,250.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	650.000	Ft
0350	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	24,200.000	Ft
0360	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	19,750.000	Ft
0370	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	650.000	Ft
0380	Rem Curing Compound, for Spec Mrkg	8110321	4,850.000	Sft
0390	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0400	Recessing Pavt Mrkg, Turning Guide Line	8110452	70.000	Sft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0450	Ltg for Night Work	8120160	1.000	LSUM
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Mobile Attenuator	8120180	1.000	Ea
0480	Plastic Drum, Fluorescent, Furn	8120252	330.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	330.000	Ea
0500	Sign Cover	8120310	12.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0550	Slope Restoration, Type A	8160100	500.000	Syd
0560	Monument Box	8210001	5.000	Ea
0570	Monument Preservation	8210010	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 049

Letting Date: March 1, 2019

Contract ID: 33084-203028

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203028A	1900348	N/A	HSIP 33084

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,900.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	581,329.000	Ft
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,692,070.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,495,783.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,682,090.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	494,162.000	Ft
0070	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	80.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	193,659.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,415,036.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,338,659.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	840,349.000	Ft
0120	Pavt Mrkg, Waterborne, 12 inch, White	8110237	61,451.000	Ft
0130	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	1,055.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	80,420.000	Ft
0150	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	184,286.000	Ft
0160	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	806,903.000	Ft
0170	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	300.000	Mi
0180	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	300.000	Mi
0190	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	200.000	Mi
0200	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	4.000	Ea
0210	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	4.000	Ea

0220	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	850.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 050

Letting Date: March 1, 2019

Contract ID: 21051-201221

Description: 16.11 mi of micro-cold milling, overband crack fill, paver placed surface seal and aggregate shoulder and pavement markings on US-41 from US-2 to the south Alger county line, Delta County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201221A	1900372	N/A	NH 21051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$230,600.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	11,753.000	Ton
0030	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	122,422.000	Syd
0040	Overband Crack Fill, Lane	5020003	32.220	Lnmi
0050	Paver Placed Surface Seal, Type C, Warranty	5030041	297,184.000	Syd
0060	_ Pavement Sensor, Invasive Condition	8007050	2.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,932.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,307.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	171,072.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,932.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,307.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	171,072.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,233.000	Ft
0180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,023.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0210	Sign Cover	8120310	10.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Monument Box Adjust	8210005	9.000	Ea
0260	Monument Preservation	8210010	7.000	Ea

0270	Protect Corners	8210020	6.000	Ea
0280	Centerline Corrugations, Milled, HMA	8220013	85,067.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 051

Letting Date: March 1, 2019

Contract ID: 60011-200988

Description: 7.04 mi of hot mix asphalt cold milling and single course resurfacing, shoulders and pavement markings on M-33 from south of Greasy Creek Road to south of M-32, Montmorency County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200988A	N/A	N/A	M 60011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$142,800.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0030	Approach, CI II	3070021	100.000	Ton
0040	_ Shoulder, CI II, Modified	3077031	650.000	Ton
0050	Cold Milling HMA Surface	5010002	176,180.000	Syd
0060	HMA Quality Initiative	5010007	33,490.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	111,434.000	Dlr
0080	Hand Patching	5010025	6.000	Ton
0090	HMA Approach	5010061	269.000	Ton
0100	HMA, LVSP	5010703	16,470.000	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	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,250.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	74,290.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,250.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	74,290.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,980.000	Ft
0270	Sign Cover	8120310	12.000	Ea

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	684.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	684.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Monument Box	8210001	6.000	Ea
0320	Monument Box Adjust	8210005	12.000	Ea
0330	Monument Preservation	8210010	6.000	Ea
0340	Centerline Corrugations, Milled, HMA	8220013	37,150.000	Ft
0350	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	74,300.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 052

Letting Date: March 1, 2019

Contract ID: 50072-120387

Description: 1.69 mi of construction of right turn lanes, signal upgrades, pavement markings and hot mix asphalt overlay on a carpool lot on M-29 at Donner Road, Seadon Drive and Sass Road, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120387A	1900315	N/A	CM 50072
201917A	1900317	N/A	ST 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$87,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	10.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	486.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	187.000	Ft
0050	Curb and Gutter, Rem	2040020	1,737.000	Ft
0060	Pavt, Rem	2040050	248.000	Syd
0070	Sidewalk, Rem	2040055	102.000	Syd
0080	Exploratory Investigation, Vertical	2040080	200.000	Ft
0090	Embankment, CIP	2050010	540.000	Cyd
0100	Excavation, Earth	2050016	2,633.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	_ Phragmites Plant Material Handling and Disposal, LM	2057021	55.000	Cyd
0140	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0180	Erosion Control, Silt Fence	2080036	565.000	Ft
0190	Project Cleanup	2090001	1.000	LSUM
0200	Subbase, CIP	3010002	632.000	Cyd
0210	Aggregate Base, 6 inch	3020016	199.000	Syd
0220	_ Open-Graded Dr Cse, 16 inch	3037011	2,711.000	Syd
0230	Maintenance Gravel	3060020	186.000	Ton
0240	Geotextile, Separator	3080005	3,287.000	Syd
0250	Geotextile, Stabilization	3080010	100.000	Syd
0260	Culv, CI A, 15 inch	4010132	50.000	Ft

0270	Sewer, CI A, 12 inch, Tr Det A	4020004	166.000	Ft
0280	Sewer, CI A, 18 inch, Tr Det A	4020006	96.000	Ft
0290	Sewer, CI A, 24 inch, Tr Det A	4020007	442.000	Ft
0300	Sewer, CI A, 12 inch, Tr Det B	4020033	10.000	Ft
0310	_ Sewer, CI A, 21 inch, Tr Det A	4027001	5.000	Ft
0320	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0330	Dr Structure Cover, Type B	4030010	5.000	Ea
0340	Dr Structure Cover, Type J	4030045	10.000	Ea
0350	Dr Structure Cover, Type R	4030070	1.000	Ea
0360	Dr Structure, 48 inch dia	4030210	15.000	Ea
0370	Dr Structure, Tap, 6 inch	4030306	11.000	Ea
0380	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0390	Underdrain, Pipe, Open-Graded, 6 inch	4040043	1,729.000	Ft
0400	Underdrain, Subgrade, 6 inch	4040073	50.000	Ft
0410	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0420	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0430	Pavt, Cleaning	5010001	1.000	LSUM
0440	HMA Surface, Rem	5010005	1,254.000	Syd
0450	HMA Quality Initiative	5010007	2,418.000	Dlr
0460	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0470	Hand Patching	5010025	5.000	Ton
0480	HMA Approach	5010061	328.000	Ton
0490	HMA Approach, High Stress	5010520	438.000	Ton
0500	HMA, LVSP	5010703	438.000	Ton
0510	Driveway, Nonreinf Conc, 8 inch	8010007	120.000	Syd
0520	Curb and Gutter, Conc, Det B1	8020015	87.000	Ft
0530	Curb and Gutter, Conc, Det B2	8020016	1,522.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	165.000	Ft
0550	Detectable Warning Surface	8030010	66.000	Ft
0560	Curb Ramp Opening, Conc	8030030	128.000	Ft
0570	Sidewalk Ramp, Conc, 4 inch	8030034	1,258.000	Sft
0580	Sidewalk, Conc, 4 inch	8030044	1,328.000	Sft
0590	_ Sidewalk, Conc, 8 inch	8037010	365.000	Sft
0600	Fdn, Wood Support, Rem	8100280	2.000	Ea
0610	Post, Steel, 3 lb	8100371	74.000	Ft
0620	Post, Wood, 4 inch by 6 inch	8100380	288.000	Ft
0630	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0640	Sign, Type II, Rem	8100397	1.000	Ea
0650	Sign, Type IIB	8100399	92.000	Sft
0660	Sign, Type III, Rem	8100403	9.000	Ea
0670	Sign, Type IIIA	8100404	14.000	Sft
0680	Sign, Type IIIB	8100405	13.000	Sft
0690	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	19.000	Ea

0720	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,424.000	Ft
0730	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	60.000	Ft
0740	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	456.000	Ft
0750	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,265.000	Ft
0760	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	22,500.000	Ft
0770	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	19,726.000	Ft
0780	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0790	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	73.000	Ft
0800	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	150.000	Ft
0810	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	2,300.000	Ft
0820	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0850	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0860	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0870	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0880	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0890	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Mobile Attenuator	8120180	2.000	Ea
0920	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,544.000	Ft
0930	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	184.000	Ft
0940	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0950	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0960	Sign Cover	8120310	10.000	Ea
0970	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0980	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0990	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
1000	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
1010	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	192.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	192.000	Sft
1030	Slope Restoration, Type B	8160101	3,483.000	Syd
1040	Cable Pole, TS, Disman	8190010	1.000	Ea
1050	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
1060	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
1070	Conduit, Rem	8190140	150.000	Ft
1080	Hh, Adj	8190244	1.000	Ea
1090	Hh, Rem	8190254	2.000	Ea
1100	Hh, Round	8190260	2.000	Ea
1110	Light Std Fdn, Rem	8190280	1.000	Ea

1120	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
1130	Controller and Cabinet, Rem	8200030	1.000	Ea
1140	Controller and Cabinet, Salv	8200037	1.000	Ea
1150	Controller Fdn, Base Mount	8200045	1.000	Ea
1160	Controller Fdn, Rem	8200046	1.000	Ea
1170	Digital Loop Detector, Salv	8200056	1.000	Ea
1180	Pedestal, Fdn	8200105	3.000	Ea
1190	Pedestal Fdn, Rem	8200106	2.000	Ea
1200	Pedestal, Rem	8200110	2.000	Ea
1210	Pushbutton and Sign	8200121	3.000	Ea
1220	Pushbutton, Rem	8200122	3.000	Ea
1230	Pushbutton Pedestal, Alum	8200123	3.000	Ea
1240	Traf Loop	8200170	11.000	Ea
1250	Loop Detector, Rem	8200173	1.000	Ea
1260	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	11.000	Ea
1270	TS, Pedestrian, Two Way Bracket Arm Mtd	8200227	4.000	Ea
1280	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1290	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
1300	Wireless Intercn, Closed Loop, Salv	8200389	1.000	Ea
1310	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
1320	TS Face, Bag	8200458	12.000	Ea
1330	TS Face, Bag, Rem	8200459	12.000	Ea
1340	Contractor Staking, Road Only	8240007	1.000	LSUM
1350	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
1360	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1370	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 053

Letting Date: March 1, 2019

Contract ID: 39022-203025

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203025A	1900337	N/A	HSIP 39022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,000.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	13,205.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	673.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	999.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	7,539.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	8,617.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	69.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	20.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	58.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	228.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	69.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	321.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	4.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	47.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	23.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	219.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, School	8110074	96.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	17.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	8.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, Yellow	8110082	287.000	Ft

0240	Rem Spec Mrkg	8110343	76,798.000	Sft
0250	Recessing Pavt Mrkg, Transv	8110451	332.000	Sft
0260	Recessing Pavt Mrkg, Turning Guide Line	8110452	300.000	Sft
0270	Pavt Mrkg, Thermopl, Rumble Strip	8110470	880.000	Ft
0280	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	310.000	Ft
0290	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	1,000.000	Ft
0300	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	250.000	Mi
0310	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	250.000	Mi
0320	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	2.000	Ea
0330	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	2.000	Ea
0340	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	6.000	Ea
0350	_ Pavt Mrkg, Waterborne, Only	8117050	1.000	Ea
0360	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	2.000	Ea
0370	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 054

Letting Date: March 1, 2019

Contract ID: 21000-203027

Description: Application of special pavement markings on trunkline routes, Delta, Dickinson, Gogebic, Iron, Mackinac, Menominee and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203027A	1900349	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,800.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, Yellow	8110088	50.000	Ft
0030	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	13,772.000	Ft
0040	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	3.000	Ea
0050	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,750.000	Ft
0060	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	15,286.000	Ft
0070	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	132.000	Ft
0080	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	5,898.000	Ft
0090	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	50.000	Ft
0100	Rem Spec Mrkg	8110343	1,000.000	Sft
0110	Pavt Mrkg, Polyurea, Lt & Rt Turn Arrow Sym	8110404	1.000	Ea
0120	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	171.000	Ea
0130	Pavt Mrkg, Polyurea, Only	8110410	39.000	Ea
0140	Pavt Mrkg, Polyurea, Railroad Sym	8110411	29.000	Ea
0150	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	76.000	Ea
0160	Pavt Mrkg, Polyurea, School	8110414	46.000	Ea
0170	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	11.000	Ea
0180	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	3.000	Ea
0190	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	3.000	Ea
0200	Pavt Mrkg, Thermopl, Rumble Strip	8110470	2,585.000	Ft
0210	Protective Ovly, Snowmobile Trail Crossing	8110550	2,000.000	Syd
0220	_ Call Back, Intermediate Transportation, Special Marking, \$4.55	8117003	500.000	Mi
0230	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	500.000	Mi
0240	_ Scarification, for Polyurea Spec Mrkg	8117010	55,600.000	Sft
0250	_ Call Back, Mobilization, Special Marking, \$570.00	8117050	3.000	Ea
0260	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	3.000	Ea

0270

Minor Traf Devices

8120170

1.000

LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 055

Letting Date: March 1, 2019

Contract ID: 59012-202194

Description: 0.23 mi of partial reconstruction of Morley Rest Area for Portable Intermittent Weigh Station relocation on US-131 at the Morley Rest Area, Montcalm County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202194A	1900354	N/A	NH 59012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	495.000	Ft
0030	Pavt, Rem	2040050	65.000	Syd
0040	Embankment, CIP	2050010	81.000	Cyd
0050	Excavation, Earth	2050016	1,205.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0070	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0090	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0100	Subbase, CIP	3010002	315.000	Cyd
0110	Aggregate Base, 6 inch	3020016	1,055.000	Syd
0120	Sewer Tap, 6 inch	4021201	1.000	Ea
0130	Underdrain, Subbase, 6 inch	4040063	200.000	Ft
0140	HMA Surface, Rem	5010005	62.000	Syd
0150	Hand Patching	5010025	49.000	Ton
0160	Joint, Contraction, Cp	6020200	625.000	Ft
0170	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	826.000	Syd
0180	_ Portable Intermittent Truck Weigh Station Trench	8007050	1.000	Ea
0190	Driveway Opening, Conc, Det M	8020050	495.000	Ft
0200	_ Curb, Conc, Det C3, Modified	8027001	495.000	Ft
0210	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	12.000	Ea
0220	Post, Flexible, Delineator	8100360	12.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0300	Sign Cover	8120310	1.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	10.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	10.000	Sft
0350	Fertilizer, Chemical Nutrient, CI A	8160020	33.000	Lb
0360	Mulch	8160025	904.000	Syd
0370	Seeding, Mixture TUF	8160042	42.000	Lb
0380	Topsoil Surface, Furn, 4 inch	8160062	904.000	Syd
0390	Water, Sodding/Seeding	8160090	16.000	Unit
0400	Contractor Staking, Road Only	8240007	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



2/8/2019 9:07 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 056

Letting Date: March 1, 2019

Contract ID: 37000-202012

Description: Delineation upgrades at 6 locations on various routes in the village of Lexington, city of Croswell, Clare, Gladwin, Gratiot, Isabella, Midland and Sanilac Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202012A	1900365	N/A	HSIP 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$11,900.00	1500001	1.000	LSUM
0020	Hand Patching	5010025	5.000	Ton
0030	Delineator Reflector, Red	8100131	240.000	Ea
0040	Delineator Reflector, Yellow	8100132	210.000	Ea
0050	Delineator Reflector, White	8100134	290.000	Ea
0060	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	125.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	636.000	Ea
0080	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	360.000	Ea
0090	Delineator, Rem	8100349	860.000	Ea
0100	Post, Flexible, Delineator	8100360	805.000	Ea
0110	Post, Rigid, Delineator	8100361	487.000	Ea
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	80.000	Ea
0130	_ Traf Control	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 057

Letting Date: March 1, 2019

Contract ID: 76023-110719

Description: Carpool parking lot overlay on I-69 at Grand River Road, Shiawassee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110719A	1900336	N/A	ST 76023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,000.00	1500001	1.000	LSUM
0020	Pavt, Cleaning	5010001	1.000	LSUM
0030	Pavt for Butt Joints, Rem	5010008	100.000	Syd
0040	HMA Approach	5010061	275.000	Ton
0050	Post, Steel, 3 lb	8100371	26.000	Ft
0060	Sign, Type IIIA	8100404	5.000	Sft
0070	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0080	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	195.000	Ft
0090	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	396.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0120	Ltg for Night Work	8120160	1.000	LSUM
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0150	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0160	Sign Cover	8120310	2.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0190	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	90.000	Sft
0200	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	90.000	Sft
0210	Slope Restoration, Type A	8160100	160.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 058

Letting Date: March 1, 2019

Contract ID: 45041-204228

Description: 8.89 mi of hot mix asphalt cold milling and resurfacing, crack, chip and fog sealing, concrete curb, gutter, sidewalk and ramps, trenching and pavement markings on M-22 from M-204 to Reynolds Street and on M-204 from M-22 (west junction) to M-22 (east junction) in the village of Suttons Bay, Leelanau County. This project includes two 3 year materials and workmanship pavement warranties and a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204228A	N/A	N/A	GF19 45041
204231A	N/A	N/A	GF19 45041
204236A	N/A	N/A	GF19 45041
204239A	N/A	N/A	GF19 45013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$214,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	487.000	Ft
0030	Pavt, Rem	2040050	626.000	Syd
0040	Sidewalk, Rem	2040055	83.000	Syd
0050	Embankment, LM	2050011	155.000	Cyd
0060	Excavation, Earth	2050016	190.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0090	Aggregate Base	3020001	212.000	Ton
0100	Shoulder, CI II	3070121	1,050.000	Ton
0110	_ Trenching, Special	3077002	340.000	Sta
0120	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0130	Underdrain Outlet, 8 inch	4040095	36.000	Ft
0140	Cold Milling HMA Surface	5010002	59,550.000	Syd
0150	HMA Quality Initiative	5010007	33,332.000	Dlr
0160	Pavt for Butt Joints, Rem	5010008	460.000	Syd
0170	Longitudinal Joint Density Quality Initiative	5010018	54,850.000	Dlr
0180	Hand Patching	5010025	41.000	Ton
0190	HMA, LVSP	5010703	16,625.000	Ton
0200	Overband Crack Fill, Lane	5020003	13.370	Lnmi
0210	Seal, Single Chip	5050001	88,550.000	Syd
0220	Chip Seal, Single, Warranty	5050040	63,500.000	Syd

0230	_ Seal, Fog	5057011	63,500.000	Syd
0240	_ Sidewalk, Wood, Temp	8007001	50.000	Ft
0250	Curb, Conc, Det E4	8020004	280.000	Ft
0260	Curb and Gutter, Conc, Det F6	8020040	628.000	Ft
0270	Curb Ramp Opening, Conc	8030030	86.000	Ft
0280	Sidewalk Ramp, Conc, 6 inch	8030036	672.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	1,138.000	Sft
0300	_ Detectable Warning Surface, Cast Iron	8037001	68.000	Ft
0310	Curb Sloped, HMA	8050010	552.000	Ft
0320	Delineator Reflector, Green	8100133	76.000	Ea
0330	Delineator Reflector, White	8100134	652.000	Ea
0340	Delineator, Rem	8100349	112.000	Ea
0350	Post, Rigid, Delineator	8100361	286.000	Ea
0360	Post, Steel, 3 lb	8100371	30.000	Ft
0370	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0380	Sign, Type III, Rem	8100403	1.000	Ea
0390	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0430	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	450.000	Ft
0440	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	97.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,608.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	54,735.000	Ft
0470	Pavt Mrkg, Waterborne, 6 inch, White	8110233	96,285.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,608.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	54,735.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	96,285.000	Ft
0510	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0520	Recessing Pavt Mrkg, Longit	8110450	80,505.000	Ft
0530	Recessing Pavt Mrkg, Transv	8110451	644.000	Sft
0540	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	6,282.000	Ft
0550	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	183,575.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	202.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,254.000	Ft
0620	Plastic Drum, Fluorescent, Furn	8120252	42.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	42.000	Ea
0640	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,500.000	Ea

0650	Sign Cover	8120310	6.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0670	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	792.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	792.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	12.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	12.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Fertilizer, Chemical Nutrient, CI A	8160020	26.000	Lb
0740	Mulch Blanket	8160027	670.000	Syd
0750	Seeding, Mixture TDS	8160037	32.000	Lb
0760	Topsoil Surface, Furn, 3 inch	8160061	670.000	Syd
0770	Monument Box	8210001	6.000	Ea
0780	Monument Preservation	8210010	6.000	Ea
0790	Centerline Corrugations, Milled, HMA	8220013	25,300.000	Ft
0800	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	40,000.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190301 059

Letting Date: March 1, 2019

Contract ID: 39041-113129

Description: 1.15 mi of concrete pavement repairs, hot mix asphalt cold milling and resurfacing, ADA ramp upgrades and pavement markings on I-94BL (Stadium Drive) from east of Seneca Lane to Howard Street in the city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113129A	1900366	N/A	NH 39041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	79.000	Ft
0030	Pavt, Rem	2040050	12.000	Syd
0040	Sidewalk, Rem	2040055	116.000	Syd
0050	Embankment, CIP	2050010	7.000	Cyd
0060	Excavation, Earth	2050016	34.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	55.000	Ea
0080	Subbase, CIP	3010002	19.000	Cyd
0090	Aggregate Base, 3 inch	3020008	12.000	Syd
0100	Maintenance Gravel	3060020	2.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0120	Cold Milling HMA Surface	5010002	27,636.000	Syd
0130	HMA Quality Initiative	5010007	6,700.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	6,100.000	Dlr
0150	Hand Patching	5010025	56.000	Ton
0160	HMA, 5E3	5010057	3,350.000	Ton
0170	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	12.000	Syd
0180	Joint, Contraction, Cp	6020200	168.000	Ft
0190	Conc Quality Initiative	6020401	456.000	Dlr
0200	Cement	6030005	22.000	Ton
0210	Joint, Contraction, Crg	6030020	4,464.000	Ft
0220	Joint, Expansion, Erg	6030021	34.000	Ft
0230	Non-Chloride Accelerator	6030035	912.000	Gal
0240	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,642.000	Syd
0250	Pavt Repr, Rem	6030080	1,642.000	Syd
0260	Saw Cut, Intermediate	6030090	965.000	Ft
0270	Sawing and Sealing Longit Pavt Joints	6030095	10,116.000	Ft

0280	Sawing and Sealing Trans Pavt Joints	6030096	2,919.000	Ft
0290	Curb and Gutter, Conc, Det C4	8020023	32.000	Ft
0300	Detectable Warning Surface	8030010	58.000	Ft
0310	Curb Ramp Opening, Conc	8030030	47.000	Ft
0320	Sidewalk Ramp, Conc, 4 inch	8030034	562.000	Sft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	80.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	496.000	Sft
0350	Sign, Type III, Rem	8100403	1.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,040.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,200.000	Ft
0410	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,160.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,040.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,200.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	12,160.000	Ft
0450	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0480	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0490	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg Cover, Type R, Black	8120200	3,000.000	Ft
0550	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0610	Slope Restoration, Type A	8160100	97.000	Syd
0620	Monument Box Adjust	8210005	1.000	Ea
0630	Monument Preservation	8210010	1.000	Ea
0640	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
0650	Contractor Staking, Road Only	8240007	1.000	LSUM
0660	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0670	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0680	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 190301 060**Letting Date:** March 1, 2019**Contract ID:** 82111-205946**Description:** Bridge rehabilitation including structural steel repairs, substructure patching and carbon fiber wrap on Warren Avenue, Glendale Avenue and Wyoming Avenue over M-10 and on CSX over I-96 eastbound and westbound in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205946A	N/A	N/A	M 82111

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	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0030	Sign, Type IA	8100392	133.000	Sft
0040	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
0050	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
0060	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0070	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0080	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0090	Conc Barrier, Temp, Furn	8120081	600.000	Ft
0100	Conc Barrier, Temp, Oper	8120082	600.000	Ft
0110	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0120	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0150	Ltg for Night Work	8120160	1.000	LSUM
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Mobile Attenuator	8120180	6.000	Ea
0180	Plastic Drum, Fluorescent, Furn	8120252	560.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	560.000	Ea
0200	Sign Cover	8120310	80.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0230	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	3,520.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	3,520.000	Sft

0270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	30.000	Sft
0280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	30.000	Sft
0290	Contractor Staking	8240001	1.000	LSUM
0300	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0310	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0320	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Section: 2

0330	Reinforcement, Steel, Epoxy Coated	7060092	130.000	Lb
0340	Metal Mesh Panels	7070120	250.000	Sft
0350	_ Bearing, Elastomeric, with Bonded Sole Plate, 2 3/4 inch	7077008	215.000	Sin
0360	_ Structural Steel, Rem and Re-Erect (S11 of 82112)	7077051	1.000	LSUM
0370	Hand Chipping, Other Than Deck	7120007	18.000	Cft
0380	Patch, Forming	7120017	21.000	Sft
0390	Bolt, Adhesive Anchored, 1 inch	7120044	4.000	Ea
0400	Structures, Rehabilitation, Rem Portions (S11-82112)	7120070	1.000	LSUM
0410	Structures, Rehabilitation, Rem Portions (S19-82111)	7120070	1.000	LSUM
0420	Structures, Rehabilitation, Rem Portions (S23-82112)	7120070	1.000	LSUM
0430	Patching Conc, C-L	7120112	1.000	Cyd
0440	Embedded Galvanic Anode	7120120	10.000	Ea
0450	_ Column Wrap with Fiber Reinforced Polymer Sheet	7127010	1,004.000	Sft
0460	Beam Plate, Seal Perimeter	7130010	408.000	Ft
0470	Heat Straightening Steel (S11-82112)	7130040	1.000	LSUM
0480	Heat Straightening Steel (S19-82111)	7130040	1.000	LSUM
0490	Heat Straightening Steel (S23-82112)	7130040	1.000	LSUM
0500	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	6,335.000	Lb
0510	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	945.000	Lb
0520	Support, Column, Temp	7130080	2.000	Ea
0530	Support, Diaphragm, Temp	7130081	2.000	Ea
0540	Protective Shield, Utility Pipe	7150025	6.000	Ft
0550	Steel Structure, Cleaning, Partial, Type 4 (S11-82112)	7150047	1.000	LSUM
0560	Steel Structure, Cleaning, Partial, Type 4 (S19-82111)	7150047	1.000	LSUM
0570	Steel Structure, Cleaning, Partial, Type 4 (S23-82112)	7150047	1.000	LSUM
0580	Steel Structure, Coating, Partial, Type 4 (S11-82112)	7150048	1.000	LSUM
0590	Steel Structure, Coating, Partial, Type 4 (S19-82111)	7150048	1.000	LSUM
0600	Steel Structure, Coating, Partial, Type 4 (S23-82112)	7150048	1.000	LSUM
0610	Field Repair of Damaged Coating (S11-82112)	7160001	1.000	LSUM
0620	Field Repair of Damaged Coating (S19-82111)	7160001	1.000	LSUM
0630	Field Repair of Damaged Coating (S23-82112)	7160001	1.000	LSUM
0640	_ Deck Downspout Assembly (X06 of 82123)	7177051	1.000	LSUM
0650	_ Railroad Inspection and Flagging	8507060	5,000.000	Dir
0660	_ Railroad Protection	8507060	20,000.000	Dir



2/8/2019 9:07 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 190301 061

Letting Date: March 1, 2019

Contract ID: 20032-200685

Description: 4.84 mi of overband crack sealing, single course chip sealing, and fog sealing on M-93 from east of Old-27 northeasterly to Bobcat Trail, Crawford County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200685A	N/A	N/A	GF19 20032

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	Shoulder, CI II	3070121	100.000	Ton
0030	Overband Crack Fill, Lane	5020003	9.780	Lnmi
0040	Chip Seal, Single, Warranty	5050040	88,600.000	Syd
0050	_ Seal, Fog	5057011	88,600.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,800.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	51,720.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,800.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	51,720.000	Ft
0110	Rem Spec Mrkg	8110343	90.000	Sft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	_ Traf Control	8127051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 062

Letting Date: March 1, 2019

Contract ID: 75052-201148

Description: 11.90 mi of hot mix asphalt cold milling and single course overlay, shoulder gravel and pavement markings on M-77 from M-28 to the Alger/Schoolcraft county line, Schoolcraft County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201148A	N/A	N/A	M 75052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$171,600.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	7.000	Ton
0030	Shoulder, CI II	3070121	4,266.000	Ton
0040	Cold Milling HMA Surface	5010002	3,113.000	Syd
0050	Bump Grinding	5010004	100.000	Syd
0060	HMA Quality Initiative	5010007	38,814.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	25,130.000	Dlr
0080	HMA Approach	5010061	70.000	Ton
0090	HMA, LVSP	5010703	19,337.000	Ton
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	30,076.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	127,258.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	30,076.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	127,258.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	191.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	191.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0210	Sign Cover	8120310	10.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	820.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	820.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Monument Box	8210001	1.000	Ea
0260	Monument Box Adjust	8210005	9.000	Ea
0270	Monument Preservation	8210010	1.000	Ea

0280	Protect Corners	8210020	9.000	Ea
0290	Centerline Corrugations, Milled, HMA	8220013	62,828.000	Ft
0300	Contractor Staking, Road Only	8240007	1.000	LSUM
0310	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0320	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0330	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 063

Letting Date: March 1, 2019

Contract ID: 49023-203833

Description: 4.44 mi of micro-cold milling and hot mix asphalt ultra-thin overlay, aggregate shoulders, pavement markings, and centerline and shoulder corrugations on US-2 from east of Worth Road to east of Wildwood Lane, Mackinac County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203833A	N/A	N/A	GF19 49023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,000.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Approach, CI II	3070021	8.000	Ton
0040	Shoulder, CI II	3070121	113.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	117,361.000	Syd
0070	Overband Crack Fill, Lane	5020003	13.550	Lnmi
0080	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	117,361.000	Syd
0090	_ Conduit, Clean and Test	8007001	200.000	Ft
0100	_ Hh, Clean	8007050	2.000	Ea
0110	_ Pavt Sensor, Invasive Condition	8007050	2.000	Ea
0120	_ Subsurface Temperature Probe	8007050	1.000	Ea
0130	Delineator Reflector, White	8100134	40.000	Ea
0140	Post, Rigid, Delineator	8100361	20.000	Ea
0150	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,138.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	44,388.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,138.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	44,388.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	144.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	144.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Sign Cover	8120310	10.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	804.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	804.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Monument Box Adjust	8210005	17.000	Ea
0310	Protect Corners	8210020	17.000	Ea
0320	Centerline Corrugations, Milled, HMA	8220013	20,426.000	Ft
0330	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	23,964.000	Ft
0340	Contractor Staking, Road Only	8240007	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0380	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 064

Letting Date: March 1, 2019

Contract ID: 03071-201203

Description: 3.78 mi of hot mix asphalt cold milling, single course overlay, concrete curb, gutter and driveway and pavement markings on M-40 from the Van Buren/Allegan county line north to 32nd Street, Allegan County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201203A	N/A	N/A	M 03071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	120.000	Ft
0030	Exploratory Investigation, Vertical	2040080	20.000	Ft
0040	Embankment, CIP	2050010	10.000	Cyd
0050	Excavation, Earth	2050016	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0070	Erosion Control, Silt Fence	2080036	80.000	Ft
0080	Approach, CI II	3070021	82.000	Ton
0090	Shoulder, CI II	3070121	3,017.000	Ton
0100	_ Culvert Cleanout	4017001	60.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0120	Cold Milling HMA Surface	5010002	49,339.000	Syd
0130	Bump Grinding	5010004	200.000	Syd
0140	HMA Surface, Rem	5010005	137.000	Syd
0150	HMA Quality Initiative	5010007	11,042.000	Dlr
0160	Longitudinal Joint Density Quality Initiative	5010018	23,589.000	Dlr
0170	Hand Patching	5010025	10.000	Ton
0180	HMA, 5E1	5010056	5,207.000	Ton
0190	HMA Approach	5010061	304.000	Ton
0200	Curb and Gutter, Conc, Det B2	8020016	130.000	Ft
0210	Driveway Opening, Conc, Det M	8020050	40.000	Ft
0220	Curb Sloped, HMA	8050010	415.000	Ft
0230	Post, Steel, 3 lb	8100371	218.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0250	Sign, Type III, Rem	8100403	2.000	Ea
0260	Sign, Type IIIA	8100404	18.000	Sft
0270	Sign, Type IIIB	8100405	63.000	Sft

0280	Reflective Panel for Permanent Sign Support, 3 foot	8100613	6.000	Ea
0290	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	38.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,400.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	39,800.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	150.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,400.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	39,800.000	Ft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0390	Recessing Pavt Mrkg, Transv	8110451	76.000	Sft
0400	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	270.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	270.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,250.000	Ft
0460	Sign Cover	8120310	20.000	Ea
0470	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	680.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	680.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	Riprap, Plain	8130010	10.000	Syd
0550	_ HMA Spillway	8147011	40.000	Syd
0560	Slope Restoration, Type B	8160101	243.000	Syd
0570	Monument Box	8210001	2.000	Ea
0580	Monument Preservation	8210010	2.000	Ea
0590	Centerline Corrugations, Milled, HMA	8220013	19,953.000	Ft
0600	Contractor Staking, Road Only	8240007	1.000	LSUM
0610	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0620	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0630	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 190301 065

Letting Date: March 1, 2019

Contract ID: 63101-204615

Description: Substructure repairs on US-24 northbound to M-10 westbound over I-696 in the city of Southfield, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204615A	N/A	N/A	M 63101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,200.00	1500001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0040	Conc Barrier Ending, Temp, Detail 4, Adj	8120050	2.000	Ea
0050	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	2.000	Ea
0060	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	2.000	Ea
0070	Conc Barrier, Temp, Adj	8120080	400.000	Ft
0080	Conc Barrier, Temp, Furn	8120081	400.000	Ft
0090	Conc Barrier, Temp, Oper	8120082	400.000	Ft
0100	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0110	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Mobile Attenuator	8120180	2.000	Ea
0160	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0180	Sign Cover	8120310	10.000	Ea
0190	Sign Cover, Type 1	8120320	3.000	Ea
0200	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0220	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0230	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,020.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,020.000	Sft
0260	Contractor Staking	8240001	1.000	LSUM

0270	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0280	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0290	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

Section: 2

0300	Embankment, CIP	2050010	15.000	Cyd
0310	Backfill, Structure, CIP	2060002	125.000	Cyd
0320	Conc, Grade D	7060010	7.000	Cyd
0330	Reinforcement, Steel, Epoxy Coated	7060092	1,334.000	Lb
0340	Hand Chipping, Other Than Deck	7120007	180.000	Cft
0350	Patch, Forming	7120017	160.000	Sft
0360	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	176.000	Ea
0370	Patching Conc, C-L	7120112	3.000	Cyd
0380	Embedded Galvanic Anode	7120120	80.000	Ea
0390	Rocker, Realign	7130050	2.000	Ea
0400	Support, Column, Temp	7130080	5.000	Ea
0410	Slope Paving Header	8130015	60.000	Ft
0420	Slope Paving, Conc	8130020	85.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 066

Letting Date: March 1, 2019

Contract ID: 23439-133065

Description: 0.20 mi of hot mix asphalt reconstruction with concrete curb and gutter, concrete curb, gutter, sidewalk and ADA ramps, storm and sanitary sewer, watermain, signing and pavement markings on West Lovett Street from Cochran Avenue (M-50) to Clinton Street in the city of Charlotte, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133065A	1900261	N/A	STUL 23439

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$102,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0030	Dr Structure, Rem	2030011	26.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	727.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	571.000	Ft
0060	_ Pavt, Rem, Modified	2047011	4,746.000	Syd
0070	_ Sidewalk, Rem, Modified	2047011	1,460.000	Syd
0080	Embankment, CIP	2050010	500.000	Cyd
0090	Excavation, Earth	2050016	4,200.000	Cyd
0100	Subbase, CIP	3010002	1,728.000	Cyd
0110	_ Aggregate Base, 8 inch, Modified	3027011	4,698.000	Syd
0120	Aggregate Surface Cse, 6 inch	3060010	3.000	Syd
0130	_ Maintenance Gravel, LM, Modified	3067021	65.000	Cyd
0140	Sewer, CI E, 12 inch, Tr Det B	4020600	581.000	Ft
0150	Sewer, CI E, 18 inch, Tr Det B	4020602	179.000	Ft
0160	Sewer, CI E, 24 inch, Tr Det B	4020603	493.000	Ft
0170	Sewer, CI E, 30 inch, Tr Det B	4020604	65.000	Ft
0180	Dr Structure Cover, Type B	4030010	5.000	Ea
0190	Dr Structure Cover, Type D	4030025	2.000	Ea
0200	Dr Structure Cover, Type K	4030050	15.000	Ea
0210	Dr Structure Cover, Type Q	4030065	4.000	Ea
0220	Dr Structure, 48 inch dia	4030210	18.000	Ea
0230	Dr Structure, 60 inch dia	4030220	1.000	Ea
0240	Dr Structure, 72 inch dia	4030230	3.000	Ea
0250	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	1,988.000	Ft
0260	Hand Patching	5010025	1.000	Ton
0270	HMA, 13A	5010033	1,405.000	Ton

0280	Driveway, Nonreinf Conc, 6 inch	8010005	202.000	Syd
0290	_ Driveway, Nonreinf Conc, 10 inch	8017011	40.000	Syd
0300	Curb and Gutter, Conc, Det F4	8020038	1,853.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	51.000	Ft
0320	Detectable Warning Surface	8030010	145.000	Ft
0330	Curb Ramp Opening, Conc	8030030	175.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	1,567.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	9,388.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	1,229.000	Sft
0370	Post, Steel, 3 lb	8100371	576.000	Ft
0380	Sign, Type I, Rem	8100391	32.000	Ea
0390	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0400	Sign, Type IIIA	8100404	135.000	Sft
0410	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	978.000	Ft
0420	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	516.000	Ft
0430	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	978.000	Ft
0440	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	516.000	Ft
0450	_ Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	8117001	143.000	Ft
0460	_ Pavt Mrkg, Regular Dry, 2nd Application, 24 inch, Stop Bar	8117001	143.000	Ft
0470	_ Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Crosswalk	8117001	938.000	Ft
0480	_ Pavt Mrkg, Regular Dry, 6 inch, Crosswalk	8117001	938.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	358.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	358.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	440.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	440.000	Sft
0580	_ Turf Establishment, Performance	8167011	1,400.000	Syd
0590	_ 1 inch Water Service, Type K Copper, Tr Det G	8237001	196.000	Ft
0600	_ Remove Water Main	8237001	1,516.000	Ft
0610	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	25.000	Ft
0620	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,275.000	Ft
0630	_ 1 inch Corporation and Tap	8237050	8.000	Ea
0640	_ 1 inch Curb Stop and Box	8237050	8.000	Ea
0650	_ Connect to Existing Water Main	8237050	7.000	Ea
0660	_ Fire Hydrant, Modified	8237050	3.000	Ea
0670	_ Gate Valve and Box, 8 inch, Modified	8237050	13.000	Ea
0680	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0690	_ Live Tap, 8 inch x 10 inch	8237050	1.000	Ea

0700	_ Water Main, 4 inch, Cut and Plug	8237050	1.000	Ea
0710	_ Testing and Disinfection	8237051	1.000	LSUM
0720	_ Remove Sanitary Sewer	8257001	1,051.000	Ft
0730	_ Sanitary Sewer Lead, 6 inch, Tr Det B	8257001	395.000	Ft
0740	_ Sanitary Sewer, PVC, 12 inch, Tr Det B	8257001	68.000	Ft
0750	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	8257001	978.000	Ft
0760	_ Sanitary Sewer Manhole, 48 inch dia	8257050	4.000	Ea
0770	_ Sanitary Sewer Manhole, Rem	8257050	4.000	Ea
0780	_ Sanitary Sewer, Cleanout	8257050	13.000	Ea
0790	_ Audio Video Construction Area Survey	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 190301 067

Letting Date: March 1, 2019

Contract ID: 13000-204636

Description: 0.67 mi of hot mix asphalt reconstruction, aggregate base, concrete curb, gutter and ADA ramps, watermain, signing and pavement markings on North Street from North Eaton Street to Burr Oak Street in the city of Albion, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204636A	1900266	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$89,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Dr Structure, Rem	2030011	15.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	165.000	Ft
0050	Curb and Gutter, Rem	2040020	4,210.000	Ft
0060	Sidewalk, Rem	2040055	840.000	Syd
0070	_ Pavt, Rem, Modified	2047011	155.000	Syd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	_ Machine Grading, Modified	2077002	36.000	Sta
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0110	Subbase, CIP	3010002	5,060.000	Cyd
0120	_ Aggregate Base, 8 inch, Modified	3077011	13,995.000	Syd
0130	Sewer, CI E, 12 inch, Tr Det B	4020600	153.000	Ft
0140	Sewer Tap, 12 inch	4021204	2.000	Ea
0150	Dr Structure Cover, Adj, Case 1	4030005	59.000	Ea
0160	Dr Structure Cover, Type B	4030010	17.000	Ea
0170	Dr Structure Cover, Type C	4030015	1.000	Ea
0180	Dr Structure Cover, Type K	4030050	18.000	Ea
0190	Dr Structure Cover, Type Q	4030065	19.000	Ea
0200	Dr Structure, 24 inch dia	4030200	3.000	Ea
0210	Dr Structure, 48 inch dia	4030210	3.000	Ea
0220	Dr Structure, Tap, 6 inch	4030306	16.000	Ea
0230	Underdrain, Subgrade, 6 inch	4040073	2,000.000	Ft
0240	HMA, LVSP	5010703	3,255.000	Ton
0250	_ HMA Surface, Rem, Modified	5017011	13,925.000	Syd
0260	Driveway, Nonreinf Conc, 6 inch	8010005	400.000	Syd
0270	Curb and Gutter, Conc, Det C4	8020023	3,770.000	Ft

0280	Curb Ramp Opening, Conc	8030030	440.000	Ft
0290	Sidewalk Ramp, Conc, 4 inch	8030034	1,965.000	Sft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	3,335.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	3,460.000	Sft
0320	Sidewalk, Conc, 6 inch	8030046	425.000	Sft
0330	_ Detectable Warning Surface, Modified	8037001	305.000	Ft
0340	Post, Steel, 3 lb	8100371	840.000	Ft
0350	Sign, Type I, Rem	8100391	18.000	Ea
0360	Sign, Type IA	8100392	62.000	Sft
0370	Sign, Type II, Rem	8100397	1.000	Ea
0380	Sign, Type IIB	8100399	8.000	Sft
0390	Sign, Type III, Rem	8100403	51.000	Ea
0400	Sign, Type IIIA	8100404	138.000	Sft
0410	Sign, Type IIIB	8100405	45.000	Sft
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	23.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,050.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	350.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0470	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	850.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0510	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0520	Dust Palliative, Applied	8120100	10.000	Ton
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	973.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	973.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	87.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	87.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Slope Restoration, Type B	8160101	1,445.000	Syd
0620	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	125.000	Ft
0630	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	335.000	Ft
0640	_ Connect to Existing Main, 4 inch	8237050	4.000	Ea
0650	_ Connect to Existing Main, 6 inch	8237050	7.000	Ea
0660	_ Connect to Existing Main, 8 inch	8237050	1.000	Ea
0670	_ Gate Box, Adj, Case 1, Modified	8237050	11.000	Ea
0680	_ Gate Valve and Box, 8 inch, Modified	8237050	12.000	Ea
0690	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0700	_ Hydrant, Valve and Box, 6 inch	8237050	3.000	Ea

0710	_ Water Shutoff, Adj, Case 1, Modified	8237050	15.000	Ea
0720	_ Water Shutoff, Adj, Case 2, Modified	8237050	5.000	Ea
0730	_ Water Valve Box	8237050	9.000	Ea
0740	_ Compact Ductile Iron Fittings	8507030	2,440.000	Lb



Schedule of Pay Items

Report v1

Letting Call: 190301 068

Letting Date: March 1, 2019

Contract ID: 50000-202968-2

Description: 0.98 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, base repair, drainage, signing and pavement markings on Masonic Boulevard from Utica Road to Kelly Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202968A	1801229	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1027060	6,025.000	Dir
0020	Mobilization, Max \$82,000	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	200.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0050	Sidewalk, Rem	2040055	325.000	Syd
0060	Exploratory Investigation, Vertical	2040080	10.000	Ft
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0080	Sewer, CI A, 12 inch, Tr Det B	4020033	10.000	Ft
0090	Sewer Tap, 12 inch	4021204	2.000	Ea
0100	_ Sewer, CI A, 4 inch, Tr Det B	4027001	18.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0120	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0130	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0140	Dr Structure, Temp Lowering	4030390	22.000	Ea
0150	_ Catch Basin Cover, Fraser	4037050	2.000	Ea
0160	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0170	_ Dr Structure, Special	4037050	1.000	Ea
0180	_ Sanitary Manhole Cover, Fraser	4037050	9.000	Ea
0190	_ Storm Manhole Cover, Fraser	4037050	10.000	Ea
0200	Pavt, Cleaning	5010001	1.000	LSUM
0210	Cold Milling HMA Surface	5010002	22,500.000	Syd
0220	HMA Surface, Rem	5010005	10.000	Syd
0230	Joint and Crack, Cleanout	5010015	5,000.000	Ft
0240	Pavt Joint and Crack Repr, Det 7	5010020	2,000.000	Ft
0250	Hand Patching	5010025	150.000	Ton
0260	HMA, 3C	5010031	500.000	Ton
0270	HMA, 5E1	5010056	3,800.000	Ton

0280	Pavt Repr, Nonreinf Conc, 9 inch	6030046	75.000	Syd
0290	Pavt Repr, Rem	6030080	2,900.000	Syd
0300	Driveway, Nonreinf Conc, 6 inch	8010005	12.000	Syd
0310	Driveway, Nonreinf Conc, 8 inch	8010007	125.000	Syd
0320	Curb and Gutter, Conc, Det C4	8020023	200.000	Ft
0330	Detectable Warning Surface	8030010	50.000	Ft
0340	Curb Ramp Opening, Conc	8030030	50.000	Ft
0350	Sidewalk Ramp, Conc, 4 inch	8030034	200.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	1,325.000	Sft
0370	_ Sidewalk Ramp, Conc, 8 inch	8037010	375.000	Sft
0380	_ Sidewalk, Conc, 8 inch	8037010	1,100.000	Sft
0390	Post, Steel, 3 lb	8100371	266.000	Ft
0400	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0410	Sign, Type III, Rem	8100403	6.000	Ea
0420	Sign, Type IIIB	8100405	140.000	Sft
0430	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,315.000	Ft
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,195.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,755.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,315.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,195.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,755.000	Ft
0490	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	130.000	Ft
0500	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	240.000	Ft
0510	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	130.000	Ft
0520	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	240.000	Ft
0530	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	490.000	Ft
0540	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	490.000	Ft
0550	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	480.000	Sft
0560	_ Pavt Mrkg, Waterborne, 2nd Application, Bicycle Detection Symbol	8117050	2.000	Ea
0570	_ Pavt Mrkg, Waterborne, 2nd Application, Bike, Small Symbol	8117050	17.000	Ea
0580	_ Pavt Mrkg, Waterborne, 2nd Application, Directional Arrow Symbol, Bike	8117050	17.000	Ea
0590	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn Arrow Sym	8117050	4.000	Ea
0600	_ Pavt Mrkg, Waterborne, 2nd Application, Railroad Sym	8117050	2.000	Ea
0610	_ Pavt Mrkg, Waterborne, 2nd Application, Rt Turn Arrow Sym	8117050	3.000	Ea
0620	_ Pavt Mrkg, Waterborne, 2nd Application, Sharrow Symbol	8117050	2.000	Ea
0630	_ Pavt Mrkg, Waterborne, Bicycle Detection Symbol	8117050	2.000	Ea
0640	_ Pavt Mrkg, Waterborne, Bike, Small Symbol	8117050	17.000	Ea
0650	_ Pavt Mrkg, Waterborne, Directional Arrow Symbol, Bike	8117050	17.000	Ea

0660	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	4.000	Ea
0670	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	2.000	Ea
0680	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	3.000	Ea
0690	_ Pavt Mrkg, Waterborne, Sharrow Symbol	8117050	2.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0710	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	250.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0770	Plastic Drum, High Intensity, Furn	8120250	140.000	Ea
0780	Plastic Drum, High Intensity, Oper	8120251	140.000	Ea
0790	Sign Cover	8120310	10.000	Ea
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	Topsoil Surface, Furn, 3 inch	8160061	600.000	Syd
0860	Water, Sodding/Seeding	8160090	15.000	Unit
0870	_ Hydroseeding	8167011	600.000	Syd
0880	Case Sign Panel	8200003	1.000	Ea
0890	Case Sign Panel, Rem	8200004	2.000	Ea
0900	Case Sign Panel, Salv	8200005	1.000	Ea
0910	Traf Loop	8200170	8.000	Ea
0920	TS Face, Bag	8200458	6.000	Ea
0930	TS Face, Bag, Rem	8200459	6.000	Ea
0940	Monument Box Adjust	8210005	1.000	Ea
0950	_ Gate Well Cover, Adj, Case 1	8237050	1.000	Ea
0960	_ Gate Well Cover, Fraser	8237050	1.000	Ea
0970	_ Bumper Block, Relocate	8507050	7.000	Ea
0980	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM
0990	_ Rubbish Pickup	8507051	1.000	LSUM
1000	_ Railroad Protection, at Grade Crossing	8507060	18,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 190301 069

Letting Date: March 1, 2019

Contract ID: 51000-200761

Description: 0.45 mi of hot mix asphalt reconstruction including pavement removal, concrete curb, gutter, sidewalks, sewer, drainage, signing and pavement markings on 12th Street from Maple Street to US-31 in the city of Manistee, Manistee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200761A	1900281	N/A	STUL 51000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0030	Dr Structure, Rem	2030011	14.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	443.000	Ft
0050	Curb and Gutter, Rem	2040020	667.000	Ft
0060	Pavt, Rem	2040050	644.000	Syd
0070	Sidewalk, Rem	2040055	223.000	Syd
0080	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0090	_ Machine Grading, Modified	2057002	20.000	Sta
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	Subbase, CIP	3010002	892.000	Cyd
0130	_ Aggregate Base, 3 inch, Modified	3027011	1,173.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	7,374.000	Syd
0150	Maintenance Gravel	3060020	500.000	Ton
0160	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,325.000	Ft
0170	Sewer, CI IV, 15 inch, Tr Det B	4020988	32.000	Ft
0180	Sewer, CI IV, 18 inch, Tr Det B	4020989	179.000	Ft
0190	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0220	Dr Structure Cover, Type D	4030025	1.000	Ea
0230	Dr Structure Cover, Type K	4030050	19.000	Ea
0240	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0250	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0260	_ Dr Structure Cover, Type B, Modified	4037050	10.000	Ea
0270	_ Dr Structure Cover, Type DG	4037050	1.000	Ea

0280	_ Dr Structure Cover, Type Q, Modified	4037050	7.000	Ea
0290	_ Dr Structure, 24 inch dia, Modified	4037050	17.000	Ea
0300	_ Dr Structure, 48 inch dia, Modified	4037050	10.000	Ea
0310	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0320	Cold Milling HMA Surface	5010002	1,305.000	Syd
0330	HMA Surface, Rem	5010005	7,762.000	Syd
0340	Hand Patching	5010025	9.000	Ton
0350	HMA, 13A	5010033	1,042.000	Ton
0360	HMA, 36A	5010034	745.000	Ton
0370	HMA Approach	5010061	196.000	Ton
0380	Driveway, Nonreinf Conc, 6 inch	8010005	600.000	Syd
0390	Driveway, Nonreinf Conc, 8 inch	8010007	165.000	Syd
0400	Curb and Gutter, Conc, Det B2	8020016	75.000	Ft
0410	Curb and Gutter, Conc, Det C4	8020023	3,602.000	Ft
0420	Driveway Opening, Conc, Det M	8020050	305.000	Ft
0430	Curb Ramp Opening, Conc	8030030	168.000	Ft
0440	Sidewalk Ramp, Conc, 6 inch	8030036	1,905.000	Sft
0450	Sidewalk, Conc, 4 inch	8030044	18,557.000	Sft
0460	Sidewalk, Conc, 6 inch	8030046	3,125.000	Sft
0470	_ Detectable Warning Surface, Modified	8037001	140.000	Ft
0480	_ Sidewalk, Conc, 8 inch	8037010	1,125.000	Sft
0490	Post, Mailbox	8070095	5.000	Ea
0500	Post, Steel, 3 lb	8100371	659.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0520	Sign, Type III, Rem	8100403	26.000	Ea
0530	Sign, Type IIIA	8100404	45.000	Sft
0540	Sign, Type IIIB	8100405	46.000	Sft
0550	_ Sign, Type IIIA, Modified	8107010	36.000	Sft
0560	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,783.000	Ft
0570	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,364.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,783.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,364.000	Ft
0600	Rem Spec Mrkg	8110343	57.000	Sft
0610	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	225.000	Ft
0620	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	146.000	Ft
0630	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	225.000	Ft
0640	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	889.000	Ft
0650	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	889.000	Ft
0660	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117050	146.000	Ea
0670	_ Pavt Mrkg, Waterborne, 2nd Application, Bike, Small Sym	8117050	9.000	Ea
0680	_ Pavt Mrkg, Waterborne, 2nd Application, Direction Arrow Sym, Bike	8117050	9.000	Ea
0690	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn	8117050	1.000	Ea

Arrow Sym

0700	_ Pavt Mrkg, Waterborne, Bike, Small Sym	8117050	9.000	Ea
0710	_ Pavt Mrkg, Waterborne, Direction Arrow Sym, Bike	8117050	9.000	Ea
0720	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	1.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0750	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	184.000	Ft
0800	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0810	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0820	Sign Cover	8120310	34.000	Ea
0830	Sign, Type A, Temp, Prismatic, Furn	8120340	90.000	Sft
0840	Sign, Type A, Temp, Prismatic, Oper	8120341	90.000	Sft
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	377.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	377.000	Sft
0870	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	160.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	160.000	Sft
0890	Traf Regulator Control	8120370	1.000	LSUM
0900	_ Slope Restoration, Modified	8167011	5,000.000	Syd
0910	Fire Hydrant	8230040	1.000	Ea
0920	Hydrant, Rem	8230091	1.000	Ea
0930	Water Shutoff, Adj, Case 1	8230421	7.000	Ea
0940	Water Shutoff, Adj, Case 2	8230422	20.000	Ea
0950	Gate Box, Adj, Case 1	8230431	4.000	Ea
0960	Gate Box, Adj, Case 2	8230432	2.000	Ea
0970	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	23.000	Ft
0980	_ Live Tap, 6 inch by 10 inch	8237050	1.000	Ea
0990	_ Reimbursed Permit Fees	8267060	250.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190301 070

Letting Date: March 1, 2019

Contract ID: 56000-133017

Description: Replace wearing surface and waterproofing membrane, concrete box beam patching, replace expansion joint and heavy riprap on Magruder Road over Pine River and North Saginaw Road over Big Salt River, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133017A	1900270	N/A	BO 56000
133018A	1900273	N/A	BO 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	225.000	Syd
0030	Erosion Control, Silt Fence	2080036	150.000	Ft
0040	Aggregate Base, 6 inch	3020016	180.000	Syd
0050	Conc Pavt, Bridge Approach, Reinf	6020600	150.000	Syd
0060	Curb and Gutter, Bridge Approach	8020010	88.000	Ft
0070	_ Guardrail, Reconst, Type B	8077001	100.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,265.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	1,265.000	Sft
0130	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	129.000	Sft
0140	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	129.000	Sft
0150	_ Riprap, Heavy, Modified	8137011	400.000	Syd
Section: 2				
0160	HMA, LVSP	5010703	63.000	Ton
0170	_ HMA Surface, Rem, Modified	5017011	634.000	Syd
0180	Expansion Joint Device	7060050	70.000	Ft
0190	Reinforcement, Steel, Epoxy Coated	7060092	650.000	Lb
0200	Membrane, Preformed Waterproofing	7100008	5,800.000	Sft
0210	Conc Surface Coating (SN 6937)	7100010	1.000	LSUM
0220	Conc Surface Coating (SN 6938)	7100010	1.000	LSUM
0230	Conc Surface Coating (SN 6992)	7100010	1.000	LSUM

0240	Hand Chipping, Shallow	7120003	48.000	Syd
0250	Hand Chipping, Deep	7120004	48.000	Syd
0260	Hand Chipping, Other Than Deck	7120007	100.000	Cft
0270	Patch, Full Depth	7120010	21.000	Cyd
0280	Patch, Forming	7120017	3,550.000	Sft
0290	Epoxy Ovly	7120020	1,485.000	Syd
0300	Deck Joint, Rem	7120071	70.000	Ft
0310	Patching Conc, C-L	7120112	44.000	Cyd
0320	Embedded Galvanic Anode	7120120	935.000	Ea
0330	_ Hand Chipping, Special	7127020	1,080.000	Cft



Schedule of Pay Items

Report v1

Letting Call: 190301 071

Letting Date: March 1, 2019

Contract ID: 56000-203302

Description: 0.15 mi of hot mix asphalt reconstruction, subbase, aggregate base, drainage and pavement markings on North Coleman Road from the south junction of West School Road north to the north junction of West School Road, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203302A	1900216	N/A	ER 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0070	Sewer, Rem, 24 inch to 48 inch	2030016	71.000	Ft
0080	Embankment, CIP	2050010	4,383.000	Cyd
0090	Excavation, Earth	2050016	1,406.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	32.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0130	Erosion Control, Sediment Trap	2080034	2.000	Ea
0140	Erosion Control, Silt Fence	2080036	304.000	Ft
0150	Subbase, CIP	3010002	1,436.000	Cyd
0160	Aggregate Base	3020001	1,262.000	Ton
0170	Maintenance Gravel	3060020	25.000	Ton
0180	Approach, CI II	3070021	99.000	Ton
0190	Shoulder, CI II	3070121	210.000	Ton
0200	Culv End Sect, Metal, 60 inch	4010104	1.000	Ea
0210	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	1.000	Ea
0220	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	1.000	Ea
0230	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	1.000	Ea
0240	Culv, Slp End Sect, 1 on 6, 60 inch, Longit	4010969	1.000	Ea
0250	Sewer, CI A, 18 inch, Tr Det A	4020006	50.000	Ft
0260	Sewer, CI A, 24 inch, Tr Det A	4020007	50.000	Ft
0270	Sewer, CI A, 60 inch, Tr Det A	4020013	769.000	Ft

0280	Sewer, CI A, 18 inch, Tr Det B	4020035	54.000	Ft
0290	Sewer, CI A, 60 inch, Tr Det B	4020042	72.000	Ft
0300	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0310	_ Sump Pump Lead and Drain Tile Connection	4027001	25.000	Ft
0320	Dr Structure Cover, Type B	4030010	2.000	Ea
0330	Dr Structure Cover, Type G	4030040	3.000	Ea
0340	Dr Structure, 96 inch dia	4030234	5.000	Ea
0350	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	11.000	Ft
0360	HMA Surface, Rem	5010005	2,224.000	Syd
0370	HMA, 13A	5010033	667.000	Ton
0380	HMA Approach	5010061	116.000	Ton
0390	Post, Mailbox	8070095	1.000	Ea
0400	Post, Steel, 3 lb	8100371	59.000	Ft
0410	Sign, Type III, Rem	8100403	2.000	Ea
0420	Sign, Type IIIA	8100404	7.000	Sft
0430	Sign, Type IIIB	8100405	24.000	Sft
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,254.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	788.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,254.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	788.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	790.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	790.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	108.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	108.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Riprap, Heavy, Modified	8137011	163.000	Syd
0610	Slope Restoration, Type A	8160100	2,939.000	Syd
0620	Slope Restoration, Type B	8160101	3,222.000	Syd
0630	Slope Restoration, Type C	8160102	136.000	Syd
0640	Protect Corners	8210020	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 072

Letting Date: March 1, 2019

Contract ID: 35069-133183

Description: 0.78 mi of hot mix asphalt widening and surfacing, trenching, aggregate shoulders and pavement markings on Kings Corner Road from Birch Acres Road to Cedar Lake Road, Iosco County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133183A	1900277	N/A	STUL 35069

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,300.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	5.000	Ton
0030	_ Trenching, Modified	3077002	80.000	Sta
0040	_ Shoulder CI II, Modified	3077031	740.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	HMA, 13A	5010033	1,750.000	Ton
0070	HMA Approach	5010061	10.000	Ton
0080	Post, Steel, 3 lb	8100371	105.000	Ft
0090	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0100	Sign, Type III, Rem	8100403	15.000	Ea
0110	Sign, Type IIIA	8100404	43.000	Sft
0120	Sign, Type IIIB	8100405	31.000	Sft
0130	Pavt Mrkg, Polyurea, Xing	8110102	2.000	Ea
0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	77.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,000.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,150.000	Ft
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	336.000	Ft
0210	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	280.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	280.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Monument Box	8210001	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 073

Letting Date: March 1, 2019

Contract ID: 52000-133092

Description: Bridge replacement with precast three-sided culvert, cofferdams, drainage, approach work and pavement markings on County Road 478 over Black River, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133092A	1900245	N/A	BRT 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,100.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	87.000	Cyd
0030	Excavation, Earth	2050016	790.000	Cyd
0040	Erosion Control, Silt Fence	2080036	705.000	Ft
0050	Subbase, CIP	3010002	471.000	Cyd
0060	Aggregate Base, LM	3020002	75.000	Cyd
0070	Aggregate Base, 8 inch	3020020	1,096.000	Syd
0080	HMA, 4E3	5010051	138.000	Ton
0090	HMA, 5E3	5010057	105.000	Ton
0100	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0110	Guardrail Reflector	8070080	40.000	Ea
0120	_ Guardrail Anchorage-Bridge, Nested Type	8077050	4.000	Ea
0130	Post, Steel, 3 lb	8100371	32.000	Ft
0140	Sign, Type IIIB	8100405	17.000	Sft
0150	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	768.000	Ft
0160	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	768.000	Ft
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	180.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	180.000	Sft
0220	Slope Restoration, Type C	8160102	735.000	Syd

Section: 2

0230	Structures, Rem	2040060	1.000	LSUM
0240	Backfill, Structure, CIP	2060002	439.000	Cyd
0250	Excavation, Fdn	2060010	866.000	Cyd

0260	Excavation, Rock Fdn	2060011	116.000	Cyd
0270	Erosion Control, Filter Bag	2080014	2.000	Ea
0280	Underdrain, Fdn, 4 inch	4040031	136.000	Ft
0290	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0300	_ Culv, Precast Three-Sided, Modified, 47 Foot by 7 Foot	4067001	32.000	Ft
0310	Cofferdams	7040007	1.000	LSUM
0320	Cofferdams, Left in Place	7040009	1.000	LSUM
0330	Conc, Grade T	7060013	202.000	Cyd
0340	Reinforcement, Steel, Epoxy Coated	7060092	4,206.000	Lb
0350	Substructure Conc	7060100	83.000	Cyd
0360	_ Bridge Railing, Guardrail Type	7117001	113.000	Ft
0370	Riprap, Heavy	8130005	163.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190301 074

Letting Date: March 1, 2019

Contract ID: 41401-127069

Description: 2.90 mi of hot mix asphalt shared use path, concrete sidewalks, ramps and pavement markings on Interurban Trail from Kelloggsville Park to 32nd Street in the city of Wyoming, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127069A	1900201	N/A	TAU 41401

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	74.000	Ea
0030	Curb and Gutter, Rem	2040020	890.000	Ft
0040	Fence, Rem	2040025	2,330.000	Ft
0050	Sidewalk, Rem	2040055	725.000	Syd
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	_ Aggregate Base, 6 inch, Modified	3027011	345.000	Syd
0080	_ Pulvamixing	3047011	7,622.000	Syd
0090	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0100	_ Detectable Warning Surface, Modified	4037001	285.000	Ft
0110	HMA Surface, Rem	5010005	527.000	Syd
0120	Hand Patching	5010025	61.000	Ton
0130	_ Cement, Modified	6037031	287.000	Ton
0140	_ Sidewalk Ramp, Conc, 4 inch, Modified	8027010	7,725.000	Sft
0150	_ Sidewalk, Conc, 4 inch, Modified	8027010	3,100.000	Sft
0160	_ Curb and Gutter, Conc, 30 inch, Modified	8037001	890.000	Ft
0170	Shared use Path, Aggregate, LM	8060011	538.000	Cyd
0180	Shared use Path, Grading	8060030	6,110.000	Ft
0190	Shared use Path, HMA	8060040	1,152.000	Ton
0200	Fence, Chain Link, 48 inch	8080011	140.000	Ft
0210	Fence, Moving	8080120	135.000	Ft
0220	_ Vinyl Privacy Fence, 6 foot	8087001	700.000	Ft
0230	Post, Steel, 3 lb	8100371	2,002.000	Ft
0240	Sign, Type III, Rem	8100403	146.000	Ea
0250	Sign, Type IIIA	8100404	215.000	Sft
0260	Sign, Type IIIB	8100405	552.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	82.000	Ea

0280	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	625.000	Ft
0290	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	240.000	Ft
0300	_ Pavt Mrkg, Ovly Cold Plastic, 24 inch, Crosswalk	8117001	755.000	Ft
0310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	512.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	512.000	Sft
0380	Mulch Blanket	8160027	180.000	Syd
0390	_ Seeding Mixture, Hydromulch	8167011	4,692.000	Syd
0400	_ Topsoil Surface, Furn, 4 inch, Modified	8167011	4,692.000	Syd
0410	Gate Box, Reconst, Case 1	8230411	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 075

Letting Date: March 1, 2019

Contract ID: 40555-130367

Description: 2.83 mi of hot mix asphalt base crushing, shaping, and resurfacing, signing and pavement markings on Lund Road SW from Good Road east to M-66, Kalkaska County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130367A	1900280	N/A	STL 40555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max Max \$102,600.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	300.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0050	Embankment, CIP	2050010	500.000	Cyd
0060	Excavation, Earth	2050016	500.000	Cyd
0070	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0080	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0090	_ Aggregate Base, Modified	3027031	13,570.000	Ton
0100	HMA Base Crushing and Shaping	3050002	50,216.000	Syd
0110	Approach, CI I	3070001	136.000	Ton
0120	Approach, CI II	3070021	585.000	Ton
0130	Shoulder, CI II	3070121	3,915.000	Ton
0140	Trenching	3070200	300.000	Sta
0150	Culv, CI A, 24 inch	4010134	76.000	Ft
0160	Culv, CI E, 18 inch	4010541	64.000	Ft
0170	Culv, CI E, 30 inch	4010543	64.000	Ft
0180	Culv, CSP Arch, CI A, 64 inch by 38 inch	4010751	85.000	Ft
0190	HMA Surface, Rem	5010005	90.000	Syd
0200	HMA Approach	5010061	184.000	Ton
0210	HMA, LVSP	5010703	7,685.000	Ton
0220	_ HMA Valley Gutter	5017001	5,062.000	Ft
0230	Guardrail, Type MGS-8	8070004	788.000	Ft
0240	Guardrail, Curved, Type MGS-8	8070012	125.000	Ft
0250	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0260	_ Post, Mailbox. Modified	8077050	27.000	Ea
0270	Post, Steel, 3 lb	8100371	180.000	Ft
0280	Sign, Type IIIA	8100404	99.000	Sft

0290	Sign, Type IIIB	8100405	23.000	Sft
0300	_ Sign, Type III, Rem, Modified	8107050	16.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	29,435.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,890.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0350	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	150.000	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, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,100.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,100.000	Ft
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	130.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	130.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Paved Ditch, HMA	8140010	80.000	Syd
0480	_ Slope Restoration	8167002	150.000	Sta
0490	Monument Box	8210001	5.000	Ea
0500	Monument Preservation	8210010	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 076

Letting Date: March 1, 2019

Contract ID: 13000-133087

Description: Bridge replacement with precast three sided culvert, concrete sidewalk, curb, gutter, driveway, sewer, drainage, guardrail, cofferdams, steel piles and approach work on Monroe Street over Rice Creek in the city of Marshall, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133087A	N/A	N/A	MCS 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,700.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	3.000	Sta
0030	Sewer, Rem, 24 inch to 48 inch	2030016	21.000	Ft
0040	Guardrail, Rem	2040035	332.000	Ft
0050	Sidewalk, Rem	2040055	78.000	Syd
0060	_ Pavt, Rem, Modified	2047011	645.000	Syd
0070	Embankment, CIP	2050010	133.000	Cyd
0080	Excavation, Earth	2050016	326.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	400.000	Ft
0110	Subbase, CIP	3010002	198.000	Cyd
0120	Aggregate Base	3020001	208.000	Ton
0130	Maintenance Gravel	3060020	45.000	Ton
0140	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0150	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0160	_ Sewer, CI A, 12 inch, Tr Det A, Modified	4027001	53.000	Ft
0170	_ Sewer, CI A, 24 inch, Tr Det A, Modified	4027001	16.000	Ft
0180	_ Sewer, CI B, 24 inch, Tr Det A, Modified	4027001	12.000	Ft
0190	_ Bypass Pumping	4027051	1.000	LSUM
0200	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0210	Dr Structure Cover, Type B	4030010	1.000	Ea
0220	Dr Structure Cover, Type G	4030040	2.000	Ea
0230	Dr Structure Cover, Type K	4030050	1.000	Ea
0240	Dr Structure Cover, Type Q	4030065	2.000	Ea
0250	Dr Structure, 48 inch dia	4030210	1.000	Ea
0260	Dr Structure, 60 inch dia	4030220	2.000	Ea
0270	Underdrain, Subbase, 4 inch	4040061	266.000	Ft

0280	Cold Milling HMA Surface	5010002	175.000	Syd
0290	Hand Patching	5010025	4.000	Ton
0300	HMA, LVSP	5010703	153.000	Ton
0310	_ Sanitary Sewer, PVC, SDR 26, 10 inch, Tr Det B, Modified	8007001	169.000	Ft
0320	_ Steel Casing Pipe, 20 inch, Modified	8007001	50.000	Ft
0330	_ Sanitary Manhole, 48 inch dia, Modified	8007050	1.000	Ea
0340	_ Sanitary Manhole, Rem, Modified	8007050	1.000	Ea
0350	Driveway, Nonreinf Conc, 6 inch	8010005	155.000	Syd
0360	Curb and Gutter, Conc, Det F4	8020038	417.000	Ft
0370	Detectable Warning Surface	8030010	10.000	Ft
0380	Sidewalk Ramp, Conc, 4 inch	8030034	124.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	1,617.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	75.000	Sft
0410	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0420	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0430	Post, Steel, 3 lb	8100371	84.000	Ft
0440	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0450	Sign, Type III, Rem	8100403	9.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	64.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	64.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0500	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0510	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	160.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	160.000	Ft
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	392.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	392.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0590	_ Turf Establishment, Performance-No Rye, Special	8167011	515.000	Syd

Section: 2

0600	Structures, Rem	2040060	1.000	LSUM
0610	Aggregate, 6A	2060001	14.000	Cyd
0620	Backfill, Structure, CIP	2060002	1,049.000	Cyd
0630	Excavation, Fdn	2060010	1,356.000	Cyd
0640	Erosion Control, Filter Bag	2080014	2.000	Ea
0650	Underdrain, Fdn, 4 inch	4040031	123.000	Ft
0660	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0670	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0680	_ Culv, Precast Three-Sided or Arch, 47 foot x 12.25	4067001	36.000	Ft

	foot			
0690	Cofferdams	7040007	1.000	LSUM
0700	Cofferdams, Left in Place	7040009	1.000	LSUM
0710	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0720	Pile, Steel, Furn and Driven, 14 inch	7050034	1,555.000	Ft
0730	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0740	Pile Point, Steel	7050039	38.000	Ea
0750	Conc, Grade T	7060013	46.000	Cyd
0760	False Decking	7060060	933.000	Sft
0770	Reinforcement, Steel, Epoxy Coated	7060092	6,665.000	Lb
0780	Substructure Conc	7060100	74.000	Cyd
0790	_ Structure Name Plate	7067050	1.000	Ea
0800	Joint Waterproofing	7100001	119.000	Sft
0810	Membrane, Preformed Waterproofing	7100008	2,052.000	Sft
0820	Conc Surface Coating	7100011	256.000	Syd
0830	_ Simulated Stone Masonry	7107011	256.000	Syd
0840	Bridge Railing, Aesthetic Parapet Tube	7110005	98.000	Ft
0850	_ Riprap, Heavy, Modified	8137011	157.000	Syd
0860	_ Riprap, Under Structures, Heavy, Modified	8137011	101.000	Syd
0870	Flowable Fill, Non-Structural	8260148	6.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 190301 077

Letting Date: March 1, 2019

Contract ID: 19555-130121

Description: 2.54 mi of hot mix asphalt base crushing, shaping, and resurfacing, trenching and aggregate shoulders on Dewitt Road from Cutler Road north to Alward Road, Clinton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130121A	1900243	N/A	STL 19555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$46,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	14.000	Syd
0030	HMA Base Crushing and Shaping	3050002	35,706.000	Syd
0040	Shoulder, CI II	3070121	1,200.000	Ton
0050	Trenching	3070200	268.000	Sta
0060	HMA Surface, Rem	5010005	128.000	Syd
0070	Hand Patching	5010025	25.000	Ton
0080	HMA, 13A	5010033	7,175.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,780.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,502.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Monument Box	8210001	5.000	Ea
0180	Monument Preservation	8210010	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 078

Letting Date: March 1, 2019

Contract ID: 76555-129923-2

Description: 0.21 mi of hot mix asphalt base crushing, shaping, and resurfacing, trenching, aggregate shoulders and pavement markings on Grand River Road from North Shiawassee Street to Grand River Avenue in the village of Bancroft, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129923A	1800713	N/A	STL 76555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max 11,000.00	1500001	1.000	LSUM
0020	_ Pavt, Rem, Modified	2047011	98.000	Syd
0030	Embankment, CIP	2050010	165.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0050	HMA Base Crushing and Shaping	3050002	3,332.000	Syd
0060	Shoulder, CI II	3070121	432.000	Ton
0070	Trenching	3070200	12.000	Sta
0080	Pavt for Butt Joints, Rem	5010008	296.000	Syd
0090	HMA, LVSP	5010703	884.000	Ton
0100	Driveway, Nonreinf Conc, 6 inch	8010005	103.000	Syd
0110	Post, Mailbox	8070095	15.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	279.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,972.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	471.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	471.000	Sft
0210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	34.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	34.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Turf Establishment, Special	8167011	1,302.000	Syd
0250	Gate Box, Adj, Case 1	8230431	2.000	Ea
0260	Gate Box, Adj, Case 2	8230432	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190301 079

Letting Date: March 1, 2019

Contract ID: 12231-125536-2

Description: Rehab of Runway 4/22 & Electrical Improvements at the Branch County Memorial Airport, city of Coldwater, Branch County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125536A	B-26-0021-2318	N/A	FM 12231
205178A	B-26-0021-2318	N/A	FM 12231

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	5,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	430.000	Lft
0050	Pulverize Bituminous Pavement, Less Than 6" Thickness	1010235	28,960.000	Syd
0060	Remove Asphalt Pavement	1010245	520.000	Syd
0070	Bare Counterpoise Wire, #6, Solid, Installed	1080531	1,230.000	Lft
0080	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	1,920.000	Lft
0090	Plastic Conduit, 1 1/2", Direct Burial	1100613	1,070.000	Lft
0100	Underground Electrical Duct, 2 Bank 3", Concrete Encased	1100650	84.000	Lft
0110	Electrical Handhole, With Cover, as Specified	1150550	2.000	Ea
0120	Misc. Junction Can	1157050	2.000	Ea
0130	Medium Intensity Edge Light, L861, LED, (MIRL/MITL),6.6A, Base Mount, 360 Blue Color, Height as specified	1250608	15.000	Ea
0140	Remove Existing Medium Intensity Base Mounted Light	1250643	11.000	Ea
0150	Taxiway Guidance Sign, L858, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250700	2.000	Ea
0160	Remove Guidance Sign	1250799	4.000	Ea
0170	Taxiway Reflector, L853, 30" High	1250800	2.000	Ea
0180	Misc. Remove Taxiway Reflector	1257050	10.000	Ea
0190	Unclassified Excavation	1520410	80.000	Cyd
0200	Subgrade Undercutting	1520490	250.000	Cyd
0210	Bituminous Surface Course-Gradation 2	4030638	6,140.000	Ton
0220	Bituminous Tack Coat	6030510	2,925.000	Gal
0230	Airport Pavement Marking, Solid, Black	6200517	725.000	Sft

0240	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	7,720.000	Sft
0250	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	1,950.000	Sft
0260	Remove Airport Pavement Marking	6200540	275.000	Sft
0270	Misc. Airport Pavement Marking, Solid, White, 1/2 Rate	6207010	7,720.000	Sft
0280	Misc. Airport Pavement Marking, Solid, Yellow, 1/2 Rate	6207010	1,190.000	Sft
0290	Misc. Turf Shoulder Restoration	8007002	69.000	Sta
0300	Misc. Fine Grade & Compact Recycled Aggregate Base Couse (X-207)	8007011	29,225.000	Syd
0310	Misc. Construction Layout & Stakes, by Constructor	8007051	1.000	LSUM
0320	Misc. Paving Grade Control	8007051	1.000	LSUM
0330	Seeding with Mixture and Rate, As Specified	9010517	0.400	Acre
0340	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	150.000	Cyd
0350	Misc. Mulching	9087012	0.400	Acre



Schedule of Pay Items

Report v1

Letting Call: 190301 080

Letting Date: March 1, 2019

Contract ID: 28000-205495

Description: 11.00 mi of tie replacement and track surfacing work on the Great Lakes Central Railroad between Walton Junction and Traverse City, Grand Traverse County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205495A	n/a	N/A	CTF 28000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max. ____ \$104,000	9150001	1.000	LSUM
0020	Retaining Wall	9250001	274.000	Sft
0030	Erosion Control, Silt Fence	9290003	60.000	Ft
0040	Ballast #4	9300003	6,500.000	Ton
0050	Tie, Switch	9400003	9.710	Mbm
0060	Tie, Install	9400004	9,300.000	Ea
0070	Tie, Install Switch	9400005	156.000	Ea
0080	Tie Removal	9410001	9,796.000	Ea
0090	Track, Surface and Align	9600001	63,024.000	Tft
0100	Rail Replacement, 100#, IK	9640003	36.000	Ft
0110	Field Weld Kit	9660001	3.000	Ea
0120	Track Bolts, Tighten	9670001	1.000	LSUM
0130	Bond Strand	9870001	100.000	Ft
0140	Rail Bond	9870002	20.000	Ea
0150	Timber, Treated, Furn and Place	9930001	5.800	Mbm
0160	Pile Posting	9940002	3.000	Ea
0170	_ Erosion Control, Filter Bag	9997001	2.000	Ea
0180	_ Erosion Control, Sand Bag	9997001	250.000	Ea
0190	_ Tie, Install, Composite	9997001	355.000	Ea
0200	_ Erosion Control, Gravel Filter Berm	9997002	140.000	Ft
0210	_ Rail Replacement, 70#, IK, Modified	9997002	165.000	Ft
0220	_ Minor Traf Devices	9997007	1.000	LSUM
0230	_ Tie Disposal	9997007	1.000	LSUM