



4/27/2018 9:33 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 001

Letting Date: June 1, 2018

Contract ID: 392144-202845

Description: Runway 17/35 rehabilitation at the Kalamazoo/Battle Creek International Airport, city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202845A	3-26-0052-4518	N/A	FM 392144

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	Dir
0040	Profile Milling	1010211	133,700.000	SYD
0050	Sawing Bituminous Pavement, Specified Dimensions	1010215	32.000	Lft
0060	Remove Asphalt Pavement	1010245	550.000	Syd
0070	Soil Erosion and Sedimentation Control	1560610	3.000	LSUM
0080	Erosion Control, Silt Fence	1560625	100.000	Lft
0090	Bituminous Surface Course-Gradation 2	4010638	30,250.000	Ton
0100	Bituminous Tack Coat	6030510	25,075.000	Gal
0110	Airport Pavement Marking, Solid, Black	6200517	6,950.000	Sft
0120	Airport Pavement Marking, 1/2 Rate, Solid, White	6200519	90,400.000	Sft
0130	Airport Pavement Marking, 1/2 Rate, Solid, Yellow	6200519	17,325.000	Sft
0140	Remarking Airport Pavement, Solid, Black	6200524	3,280.000	Sft
0150	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	90,400.000	Sft
0160	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	17,325.000	Sft
0170	Remarking Airport Pavement, Solid, White, With Reflective Beads	6200538	15,775.000	Sft
0180	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	15,355.000	Sft
0190	Remove Airport Pavement Marking	6200540	5,000.000	Sft
0200	Misc. Remark Surface Painted Holding Sign, 12' Legend	6207050	4.000	Ea
0210	Misc. Surface Painted Holding Sign, 12' Legend	6207050	8.000	Ea
0220	Saw Cut Grooves	6210520	88,300.000	Syd
0230	Misc. Drainage Structure Elevation Adjustment	8007050	1.000	Ea
0240	Misc. Cold Milling & Paving Grade Control	8007051	1.000	LSUM
0250	Seeding with Mixture and Rate, As Specified	9010517	1.000	Acre

0260	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	240.000	Cyd
0270	Misc. Mulching	9087012	1.000	Acre



Schedule of Pay Items

Report v1

Letting Call: 180601 002

Letting Date: June 1, 2018

Contract ID: 41000-130601

Description: 2.00 mi of hot mix asphalt road reconstruction, earthwork, subbase, aggregate base, culvert replacement and pavement markings on 13 Mile Road NW from Kenowa Avenue east to Peach Ridge Avenue, Kent County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130601A	1800597	N/A	STL 41000
130738A	1800598	N/A	STL 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$221,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	15.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	62.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	43.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0070	Curb and Gutter, Rem	2040020	271.000	Ft
0080	Pavt, Rem	2040050	68.000	Syd
0090	Exploratory Investigation, Vertical	2040080	20.000	Ft
0100	_ Structures, Rem Portions, Modified	2047051	1.000	LSUM
0110	Embankment, CIP	2050010	12,689.000	Cyd
0120	Excavation, Earth	2050016	41,873.000	Cyd
0130	Subgrade Undercutting, Type I	2050040	2,000.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	200.000	Ft
0160	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0170	_ Project Cleanup, Modified	2097051	1.000	LSUM
0180	Subbase, CIP	3010002	33,931.000	Cyd
0190	_ Aggregate Base, Modified	3027021	10,339.000	Cyd
0200	Approach, CI I, CIP	3070002	424.000	Cyd
0210	Geotextile, Separator	3080005	55.000	Syd
0220	Culv End Sect, Conc, 12 inch	4010047	3.000	Ea
0230	Culv End Sect, Conc, 24 inch	4010051	6.000	Ea
0240	Culv End Sect, Conc, 36 inch	4010053	5.000	Ea
0250	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0260	Culv, CI B, Conc, 12 inch	4010267	824.000	Ft

0270	Culv, CI B, Conc, 24 inch	4010270	136.000	Ft
0280	Culv, CI B, Conc, 36 inch	4010272	80.000	Ft
0290	Culv, CI B, Conc, 48 inch	4010274	64.000	Ft
0300	Culv, CI E, Conc, 24 inch	4010576	80.000	Ft
0310	Culv, CI E, Conc, 36 inch	4010578	104.000	Ft
0320	Sewer, CI IV, 12 inch, Tr Det B	4020987	141.000	Ft
0330	Sewer Tap, 12 inch	4021204	1.000	Ea
0340	Video Taping Sewer and Culv Pipe	4021275	845.000	Ft
0350	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 Inch, Tr Det B, Modified	4027001	135.000	Ft
0360	_ Sewer, CL A, Perforated SLCPP W/Sock, 15 Inch, Tr Det B, Modified	4027001	113.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0380	Dr Structure Cover, Type B	4030010	1.000	Ea
0390	Dr Structure Cover, Type G	4030040	1.000	Ea
0400	Dr Structure Cover, Type K	4030050	2.000	Ea
0410	Dr Structure, 24 inch dia	4030200	1.000	Ea
0420	Dr Structure, 48 inch dia	4030210	1.000	Ea
0430	Dr Structure, 60 inch dia	4030220	1.000	Ea
0440	Underdrain, Subbase, 4 inch	4040061	25.000	Ft
0450	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0460	_ Underdrain, Subbase, 6 inch, Modified	4047001	4,710.000	Ft
0470	Culv Bedding, Box Culv	4060005	9.000	Cyd
0480	Culv, Precast Conc Box, 4 foot by 4 foot	4060101	46.000	Ft
0490	HMA Surface, Rem	5010005	34,089.000	Syd
0500	HMA, 3C	5010031	5,749.000	Ton
0510	HMA, 5E1	5010056	4,416.000	Ton
0520	HMA Approach	5010061	157.000	Ton
0530	_ HMA Spillway	5017001	200.000	Ft
0540	Driveway, Nonreinf Conc, 6 inch	8010005	66.000	Syd
0550	Curb and Gutter, Conc, Det B2	8020016	378.000	Ft
0560	_ Modular Block Retaining Wall (Large Block)	8027010	450.000	Sft
0570	Guardrail, Type B	8070000	200.000	Ft
0580	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0590	Guardrail Reflector	8070080	8.000	Ea
0600	Post, Mailbox	8070095	45.000	Ea
0610	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,010.000	Ft
0620	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,360.000	Ft
0630	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0640	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	400.000	Ft
0670	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0680	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	243.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	243.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	14.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	14.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	Riprap, Plain	8130010	200.000	Syd
0750	Mulch	8160025	54,598.000	Syd
0760	Mulch Blanket	8160027	3,000.000	Syd
0770	Seeding, Mixture CR	8160035	677.000	Lb
0780	Topsoil Surface, Furn, 3 inch	8160061	54,598.000	Syd
0790	Water, Sodding/Seeding	8160090	191.000	Unit
0800	_ Roadside Seeding	8167011	54,598.000	Syd
0810	Monument Box	8210001	3.000	Ea
0820	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180601 003

Letting Date: June 1, 2018

Contract ID: 74000-129284

Description: Bridge removal and replacement, hot mix asphalt paving, shoulders and approach work on Melvin Road over McDonald Drain, Sanilac County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129284A	1800541	N/A	BO 74000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Embankment, CIP	2050010	385.000	Cyd
0050	Excavation, Earth	2050016	830.000	Cyd
0060	Erosion Control, Filter Bag	2080014	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	600.000	Ft
0080	Erosion Control, Turbidity Curtain, Deep	2080042	220.000	Ft
0090	Subbase, CIP	3010002	530.000	Cyd
0100	Aggregate Base	3020001	740.000	Ton
0110	Approach, CI II	3070021	195.000	Ton
0120	Shoulder, CI II	3070121	65.000	Ton
0130	Culv, CI F, 12 inch	4010607	165.000	Ft
0140	Culv, CI F, 24 inch	4010610	175.000	Ft
0150	Hand Patching	5010025	3.000	Ton
0160	HMA, 13A	5010033	155.000	Ton
0170	HMA, 36A	5010034	80.000	Ton
0180	Conc Pavt, Bridge Approach, Reinf	6020600	52.000	Syd
0190	_ Curb and Gutter, Bridge Approach, Modified	8027001	87.000	Ft
0200	Guardrail, Curved, Type T	8070011	100.000	Ft
0210	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0220	Guardrail Reflector	8070080	8.000	Ea
0230	_ Installing Guardrail Posts Through HMA	8077050	32.000	Ea
0240	_ Terminal End Shoe, Type T	8077050	4.000	Ea
0250	Delineator Reflector, Green	8100133	8.000	Ea
0260	Post, Rigid, Delineator	8100361	4.000	Ea
0270	Post, Steel, 3 lb	8100371	26.000	Ft
0280	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0290	Sign, Type III, Rem	8100403	5.000	Ea
0300	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	800.000	Ft
0310	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	100.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	32.000	Ft
0360	Sign Cover	8120310	22.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	342.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	342.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0410	_ Riprap, Plain, Modified	8137011	10.000	Syd
0420	_ Slope Restoration, Modified	8167011	700.000	Syd

Section: 2

0430	Structures, Rem	2040060	1.000	LSUM
0440	Excavation, Channel	2050015	240.000	Cyd
0450	Backfill, Structure, CIP	2060002	340.000	Cyd
0460	Excavation, Fdn	2060010	1,400.000	Cyd
0470	_ Aggregate Mud Mat	2067021	32.000	Cyd
0480	Underdrain, Fdn, 6 inch	4040033	220.000	Ft
0490	Underdrain Outlet, 6 inch	4040093	52.000	Ft
0500	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0510	Cofferdams	7040007	1.000	LSUM
0520	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0530	Pile, Steel, Furn and Driven, 12 inch	7050030	314.000	Ft
0540	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0550	Pile Point, Steel	7050039	30.000	Ea
0560	Pile, Steel, Splice	7050050	8.000	Ea
0570	Conc, Grade D	7060010	8.000	Cyd
0580	Expansion Joint Device	7060050	27.000	Ft
0590	False Decking	7060060	1,538.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	23,137.000	Lb
0610	Substructure Conc	7060100	150.000	Cyd
0620	Superstructure Conc	7060110	79.000	Cyd
0630	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0640	Water Repellent Treatment, Penetrating	7060140	30.000	Syd
0650	Bearing, Elastomeric, 1 1/4 inch	7070013	1,950.000	Sin
0660	Shear Developers	7070040	1.000	LSUM
0670	Structural Steel, Rolled Shape, Erect	7070070	31,211.000	Lb
0680	Structural Steel, Rolled Shape, Furn and Fab	7070071	31,211.000	Lb
0690	_ Structural Steel, Galv	7077051	1.000	LSUM

0700	Joint Waterproofing	7100001	335.000	Sft
0710	Bridge Railing, 2 Tube	7110008	78.000	Ft
0720	Epoxy Ovly	7120020	270.000	Syd
0730	Field Repair of Damaged Coating	7160001	1.000	LSUM
0740	_ Riprap, Heavy, Modified	8137011	460.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180601 004

Letting Date: June 1, 2018

Contract ID: 68000-129321

Description: Bridge replacement, hot mix asphalt approach, guardrail, cofferdams, and timber piles on Park Road (County Road 489) over the east branch of Big Creek, Oscoda County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129321A	N/A	N/A	MCS 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max max \$75,100.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	12.000	Sta
0030	Guardrail, Rem	2040035	700.000	Ft
0040	Embankment, CIP	2050010	1,050.000	Cyd
0050	Excavation, Earth	2050016	120.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0070	Subbase, CIP	3010002	110.000	Cyd
0080	_ Aggregate Base, Modified	3027031	825.000	Ton
0090	HMA Base Crushing and Shaping	3050002	3,000.000	Syd
0100	Approach, CI I	3070001	50.000	Ton
0110	Approach, CI II	3070021	10.000	Ton
0120	Trenching	3070200	15.000	Sta
0130	_ Shoulder, CI II, Modified	3077031	85.000	Ton
0140	Underdrain, Subbase, 4 inch	4040061	250.000	Ft
0150	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0160	HMA, 13A	5010033	480.000	Ton
0170	HMA Approach	5010061	18.000	Ton
0180	Guardrail, Type B	8070000	450.000	Ft
0190	Guardrail, Curved, Type B	8070010	50.000	Ft
0200	Guardrail, Curved, Type T	8070011	13.000	Ft
0210	Guardrail Anch, Bridge, Det T3	8070024	3.000	Ea
0220	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0230	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0240	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0250	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0260	Guardrail Reflector	8070080	60.000	Ea
0270	Post, Mailbox	8070095	1.000	Ea
0280	Fence, Moving	8080120	150.000	Ft

0290	Sign, Type III, Rem	8100403	8.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,520.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,520.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0340	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0350	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	104.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	104.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	_ Slope Restoration	8167002	7.000	Sta

Section: 2

0410	Structures, Rem	2040060	1.000	LSUM
0420	Aggregate, 6A	2060001	40.000	Cyd
0430	Backfill, Structure, CIP	2060002	280.000	Cyd
0440	Excavation, Fdn	2060010	100.000	Cyd
0450	Erosion Control, Filter Bag	2080014	4.000	Ea
0460	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0470	Erosion Control, Silt Fence	2080036	500.000	Ft
0480	Cofferdams	7040007	1.000	LSUM
0490	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0500	Pile, Treated Timber, Furn	7050010	1,368.000	Ft
0510	Pile, Treated Timber, Driven	7050011	1,368.000	Ft
0520	Test Pile, Treated Timber	7050015	2.000	Ea
0530	False Decking	7060060	1,680.000	Sft
0540	_ Structure, Timber, Modified	7097051	1.000	LSUM
0550	_ Riprap, Heavy	8167002	215.000	Sta



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Schedule of Pay Items

Report v1

Letting Call: 180601 005

Letting Date: June 1, 2018

Contract ID: 73000-133003

Description: Bridge deck patching and epoxy healer/sealer of bridge deck on Johnson Street, Court Street, Center Street and Holland Avenue over the Saginaw River, Saginaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133003A	N/A	N/A	MCS 73000
201966A	1800495	N/A	BHT 73000

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	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Plastic Drum, High Intensity, Lighted, Furn	8120260	76.000	Ea
0080	Plastic Drum, High Intensity, Lighted, Oper	8120261	76.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	763.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	763.000	Sft
0110	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	329.000	Sft
0120	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	329.000	Sft

Section: 2

0130	Reinforcement, Steel, Epoxy Coated	7060092	200.000	Lb
0140	Penetrating Healer/Sealer, Bridge Deck	7100025	1,400.000	Syd
0150	Hand Chipping, Deep	7120004	180.000	Syd
0160	Reinforcement, Mechanical Splice	7120084	20.000	Ea
0170	Patching Conc, C-L	7120112	20.000	Cyd
0180	_ Steel Structure, Cleaning, Special, Type 4, 9435	7157051	1.000	LSUM
0190	_ Steel Structure, Cleaning, Spot, Type 4, 9437	7157051	1.000	LSUM
0200	_ Steel Structure, Cleaning, Spot, Type 4, 9438	7157051	1.000	LSUM
0210	_ Steel Structure, Coating, Spot, Type 4, 9437	7157051	1.000	LSUM
0220	Downspout Replacement	7170070	120.000	Ea
0230	_ Hand Hole Drain Extension, Special	7177050	14.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 006

Letting Date: June 1, 2018

Contract ID: 68135-124284

Description: 3.30 mi of hot mix asphalt base crushing, shaping and resurfacing, shoulder widening, culverts, drainage, guardrail and pavement marking on Zimowske Road from east of Mapes Road to M-33, Oscoda County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124284A	FLAP031	N/A	FLAP 68135
130306A	FLAP031	N/A	FLAP 68141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$137,600.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	346.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	25.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0050	Ditch Cleanout	2050006	50.000	Sta
0060	Embankment, CIP	2050010	8,495.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0080	_ Excavation, Earth, Modified	2057021	8,990.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	300.000	Ft
0100	Erosion Control, Maintenance, Sediment Removal	2080026	100.000	Cyd
0110	Erosion Control, Silt Fence	2080036	620.000	Ft
0120	Subbase, CIP	3010002	9,591.000	Cyd
0130	Aggregate Base	3020001	7,750.000	Ton
0140	_ Aggregate Base, Modified	3027031	5,100.000	Ton
0150	HMA Base Crushing and Shaping	3050002	70,600.000	Syd
0160	Approach, CI I	3070001	236.000	Ton
0170	Approach, CI II	3070021	395.000	Ton
0180	Trenching	3070200	350.000	Sta
0190	_ Shoulder, CI II, Modified	3077031	1,279.000	Ton
0200	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0210	Culv End Sect, Conc, 24 inch	4010051	16.000	Ea
0220	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0230	Culv, CI E, 18 inch	4010541	40.000	Ft
0240	Culv, CI E, 24 inch	4010542	472.000	Ft
0250	Culv, CI E, 36 inch	4010544	48.000	Ft
0260	Culv, CI F, 15 inch	4010608	1,305.000	Ft

0270	Dr Marker Post	4011109	20.000	Ea
0280	Video Taping Sewer and Culv Pipe	4021275	568.000	Ft
0290	Underdrain, Subbase, 4 inch	4040061	750.000	Ft
0300	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0310	HMA Surface, Rem	5010005	261.000	Syd
0320	HMA Approach	5010061	95.000	Ton
0330	HMA, LVSP	5010703	9,820.000	Ton
0340	_ HMA Valley Gutter	5017001	900.000	Ft
0350	Guardrail, Type B	8070000	2,689.000	Ft
0360	Guardrail, Curved, Type B	8070010	100.000	Ft
0370	Guardrail Approach Terminal, Type 2B	8070042	10.000	Ea
0380	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0390	Guardrail Reflector	8070080	94.000	Ea
0400	Post, Mailbox	8070095	31.000	Ea
0410	Fence, Moving	8080120	300.000	Ft
0420	Delineator Reflector, White	8100134	20.000	Ea
0430	Post, Steel, 3 lb	8100371	422.000	Ft
0440	Sign, Type II, Rem	8100397	4.000	Ea
0450	Sign, Type IIB	8100399	8.000	Sft
0460	Sign, Type III, Rem	8100403	38.000	Ea
0470	Sign, Type IIIA	8100404	20.000	Sft
0480	Sign, Type IIIB	8100405	128.000	Sft
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	35,100.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,489.000	Ft
0510	Protective Ovly, Snowmobile Trail Crossing	8110550	30.000	Syd
0520	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0530	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Slope Restoration, Modified	8167002	176.000	Sta
0610	Monument Box	8210001	12.000	Ea
0620	Monument Preservation	8210010	12.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 007

Letting Date: June 1, 2018

Contract ID: 20000-129317

Description: Laminated deck repair/reinforcing, replacement of wearing surface, bridge railing repair and approach work on County Road 612 over Big Creek, Crawford County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129317A	1800519	N/A	BHT 20000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	150.000	Ft
0030	Erosion Control, Silt Fence	2080036	200.000	Ft
0040	Aggregate Base	3020001	40.000	Ton
0050	HMA Surface, Rem	5010005	240.000	Syd
0060	HMA Approach	5010061	70.000	Ton
0070	_ HMA Surface, Rem, Modified	5017011	110.000	Syd
0080	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0110	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0120	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0130	Conc Barrier, Temp, Adj	8120080	360.000	Ft
0140	Conc Barrier, Temp, Furn	8120081	360.000	Ft
0150	Conc Barrier, Temp, Oper	8120082	360.000	Ft
0160	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0170	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, High Intensity, Lighted, Furn	8120260	20.000	Ea
0220	Plastic Drum, High Intensity, Lighted, Oper	8120261	20.000	Ea
0230	Sign, Type A, Temp, Prismatic, Furn	8120340	7.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	7.000	Sft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	279.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	279.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	Slope Restoration, Type C	8160102	125.000	Syd
<hr/>				
Section: 2				
0290	Structures, Rem Portions	2040061	1.000	LSUM
0300	_ Structure, Timber, Modified	7057051	1.000	LSUM
0310	_ Jacking and Shoring	7067051	1.000	LSUM
0320	Structural Steel, Mixed, Erect	7070050	14,600.000	Lb
0330	Structural Steel, Mixed, Furn and Fab	7070051	14,600.000	Lb
0340	Membrane, Preformed Waterproofing	7100008	900.000	Sft
<hr/>				



Schedule of Pay Items

Report v1

Letting Call: 180601 008

Letting Date: June 1, 2018

Contract ID: 19000-129910

Description: 0.24 mi of hot mix asphat cold milling and resurfacing, curb and drainage structure repair, concrete sidewalk and ramps, watermain, traffic signals and pavement markings on Main Street from Scott Street to Market Street in the city of Dewitt, Clinton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129910A	1800610	N/A	STU 19000
130533A	1800609	N/A	CM 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$84,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,015.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0040	Pavt, Rem	2040050	475.000	Syd
0050	Sidewalk, Rem	2040055	1,100.000	Syd
0060	Embankment, CIP	2050010	4.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0080	_ Roadway Grading	2057002	8.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0100	Erosion Control, Silt Fence	2080036	50.000	Ft
0110	Subbase, CIP	3010002	1,405.000	Cyd
0120	Aggregate Base, 8 inch	3020020	4,200.000	Syd
0130	Maintenance Gravel, LM	3060021	100.000	Cyd
0140	Trench Undercut and Backfill	4021260	50.000	Cyd
0150	_ Sanitary Lateral, 6 inch	4027001	50.000	Ft
0160	_ Wye, 8 inch x 6 inch	4027050	1.000	Ea
0170	Dr Structure Cover, Adj, Case 1	4030005	19.000	Ea
0180	Dr Structure Cover, Type Q	4030065	5.000	Ea
0190	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0200	Dr Structure, Temp Lowering	4030390	18.000	Ea
0210	_ Dr Structure, Reconstruct	4037050	5.000	Ea
0220	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0240	Cold Milling HMA Surface	5010002	2,050.000	Syd
0250	HMA Surface, Rem	5010005	4,500.000	Syd
0260	Hand Patching	5010025	5.000	Ton

0270	HMA, 13A	5010033	1,140.000	Ton
0280	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0290	Curb and Gutter, Conc, Det F4	8020038	1,015.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	3,200.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	3,300.000	Sft
0320	_ Detectable Warning Surface, Modified	8037001	325.000	Ft
0330	_ Header, Conc	8037001	685.000	Ft
0340	_ Brick Paver, Sidewalk	8037010	600.000	Sft
0350	_ Decorative Stamped Concrete	8037010	2,650.000	Sft
0360	_ Tree Grate	8037050	12.000	Ea
0370	Mast Arm Std Fdn, Cased	8100306	60.000	Ft
0380	_ Mast Arm Pole, Dec	8107050	3.000	Ea
0390	_ Mast Arm, 30 foot, Dec	8107050	1.000	Ea
0400	_ Mast Arm, 35 foot, Dec	8107050	1.000	Ea
0410	_ Mast Arm, 40 foot, Dec	8107050	1.000	Ea
0420	_ Mast Arm, 50 foot, Dec	8107050	1.000	Ea
0430	_ R1-6 Sign with Base	8107050	2.000	Ea
0440	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	500.000	Ft
0450	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	14.000	Ea
0460	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	14.000	Ea
0470	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	330.000	Ft
0480	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	180.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,500.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	250.000	Ft
0510	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,600.000	Ft
0520	Pavt Mrkg, Waterborne, 12 inch, White	8110237	550.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,500.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	250.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,600.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	550.000	Ft
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0580	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0610	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0630	Sign Cover	8120310	1.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	_ Pedestrian Type II Barricade, Temp	8127050	34.000	Ea
0680	_ Surface Restoration	8167011	300.000	Syd

0690	Conduit, DB, 1, 1/2 inch	8190025	55.000	Ft
0700	Conduit, DB, 1, 3 inch	8190029	133.000	Ft
0710	Conduit, DB, 2, 3 inch	8190032	89.000	Ft
0720	Conduit, DB, 3, 3 inch	8190035	55.000	Ft
0730	Conduit, DB, 4, 3 inch	8190038	8.000	Ft
0740	Conduit, Schedule 40, 2 inch	8190147	980.000	Ft
0750	Conduit, Schedule 40, 4 inch	8190151	5,460.000	Ft
0760	Hh, Round, 3 foot dia	8190259	1.000	Ea
0770	Hh, Round	8190260	3.000	Ea
0780	Hh, Square	8190261	25.000	Ea
0790	Cable, Sec, 600V, 1, 2/C#6	8190396	35.000	Ft
0800	Wood Pole, Fit Up, Sec Cable Pole	8190495	4.000	Ea
0810	_ Conduit, Schedule 40, 6 inch	8197001	1,080.000	Ft
0820	_ Decorative Light with Concrete Base	8197050	12.000	Ea
0830	_ Service Panel	8197050	1.000	Ea
0840	_ Electrical Distribution System	8197051	1.000	LSUM
0850	_ Utility, Elec	8197060	1.000	Dir
0860	Controller and Cabinet, Rem	8200030	1.000	Ea
0870	Controller and Cabinet, Digital Type Powder Coated, Black	8200031	1.000	Ea
0880	Controller Fdn, Base Mount	8200045	1.000	Ea
0890	Pedestal, Fdn	8200105	2.000	Ea
0900	Pedestal Fdn, Rem	8200106	1.000	Ea
0910	Pedestal, Rem	8200110	1.000	Ea
0920	Pushbutton and Sign	8200121	8.000	Ea
0930	Pushbutton Pedestal, Alum	8200123	2.000	Ea
0940	Serv Disconnect	8200135	1.000	Ea
0950	Span Wire, Rem	8200141	1.000	Ea
0960	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0970	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0980	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0990	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	3.000	Ea
1000	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1010	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
1020	Video Traf Detection System	8200380	1.000	Ea
1030	Video Traf Detection Camera	8200381	4.000	Ea
1040	Monument Box	8210001	3.000	Ea
1050	Monument Preservation	8210010	3.000	Ea
1060	Fire Hydrant	8230040	1.000	Ea
1070	Gate Valve and Box, 4 inch	8230050	1.000	Ea
1080	Gate Valve and Box, 6 inch	8230051	1.000	Ea
1090	Gate Valve and Box, 12 inch	8230054	2.000	Ea
1100	Water Main, DI, 6 inch, Tr Det G	8230151	30.000	Ft
1110	Water Main, DI, 12 inch, Tr Det G	8230166	531.000	Ft

1120	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
1130	_ Water Main, DI, 4 inch, Tr Det G	8237001	28.000	Ft
1140	_ Water Service, 1 inch	8237001	170.000	Ft
1150	_ Water Service, 2 inch	8237001	30.000	Ft
1160	_ Bend, 45 Deg, 12 inch	8237050	4.000	Ea
1170	_ Bend, 45 Deg, 6 inch	8237050	8.000	Ea
1180	_ Cap, 4 inch	8237050	1.000	Ea
1190	_ Corp Stop, Curb Stop and Box, 1 inch	8237050	5.000	Ea
1200	_ Corp Stop, Curb Stop and Box, 2 inch	8237050	1.000	Ea
1210	_ Curb Stop Monument Box	8237050	6.000	Ea
1220	_ Gate Valve and Box, Rem	8237050	1.000	Ea
1230	_ Live Tap, 8 inch x 8 inch	8237050	1.000	Ea
1240	_ Reducer, 12 inch x 8 inch	8237050	2.000	Ea
1250	_ Tee, 12 inch x 12 inch x 12 inch	8237050	1.000	Ea
1260	_ Tee, 12 inch x 12 inch x 4 inch	8237050	1.000	Ea
1270	_ Tee, 12 inch x 12 inch x 6 inch	8237050	1.000	Ea
1280	_ Water Main, Connect to Existing	8237050	2.000	Ea
1290	_ Water Service, Connect	8237050	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 009

Letting Date: June 1, 2018

Contract ID: 81000-200513

Description: 2.71 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, drainage and pavement markings for bike lanes and high visibility crosswalks on Seventh Street from West Stadium Boulevard to Miller Avenue in the city of Ann Arbor, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200513A	1800641	N/A	HSIP 81000
201824A	1800638	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audiovisual Recording	1047051	1.000	LSUM
0020	Mobilization, Max \$66,400.00	1500001	1.000	LSUM
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0060	Fence, Rem	2040025	30.000	Ft
0070	_ Curb, Gutter, and Curb and Gutter, Any Type, Rem	2047001	1,900.000	Ft
0080	_ Exploratory Excavation, Vertical	2047001	20.000	Ft
0090	_ Sidewalk, Sidewalk Ramp, and Driveway Approach, Any Thickness, Rem	2047011	67.000	Syd
0100	Granular Material, CI II	2050023	5.000	Cyd
0110	_ Grading, Sidewalk and Sidewalk Ramp and Driveway Approach	2057011	745.000	Syd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	64.000	Cyd
0150	_ Aggregate Base, 8 inch, Modified	3027011	173.000	Syd
0160	_ Aggregate Base, Modified	3027031	50.000	Ton
0170	Sewer, CI IV, 12 inch, Tr Det B	4020987	10.000	Ft
0180	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	16.000	Ea
0190	_ Dr Structure Cover, Type B, Modified	4037050	5.000	Ea
0200	_ Dr Structure Cover, Type K, Modified	4037050	5.000	Ea
0210	_ Dr Structure, Point	4037050	19.000	Ea
0220	_ Dr Structure, Temp Lowering, Modified	4037050	3.000	Ea
0230	Pavt, Cleaning	5010001	1.000	LSUM
0240	Cold Milling HMA Surface	5010002	16,149.000	Syd

0250	HMA Surface, Rem	5010005	184.000	Syd
0260	HMA, 5E1	5010056	1,865.000	Ton
0270	_ Cold Milling HMA Surface, Modified	5017011	1,615.000	Syd
0280	_ Hand Patching, Modified	5017031	8.000	Ton
0290	_ Flowable Fill	6027021	37.000	Cyd
0300	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	173.000	Syd
0310	_ Curb and Gutter, Conc	8027001	1,678.000	Ft
0320	_ Driveway Opening, Conc, Det M, Modified	8027001	222.000	Ft
0330	_ Detectable Warning Surface, Modified	8037001	30.000	Ft
0340	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	55.000	Sft
0350	_ Sidewalk, Conc, 4 inch, Modified	8037010	5,088.000	Sft
0360	_ Fence, Protective, Modified	8087001	250.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	26.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	26.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	12.000	Ea
0400	Pavt Mrkg, Thermopl, 4 inch, White	8110195	15,859.000	Ft
0410	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	4,418.000	Ft
0420	Pavt Mrkg, Thermopl, 6 inch, White	8110198	10,480.000	Ft
0430	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	1,355.000	Ft
0440	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	4,578.000	Ft
0450	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	39.000	Ft
0460	Rem Spec Mrkg	8110343	3,317.000	Sft
0470	_ Pavt Mrkg, Thermopl, Lt Turn Arrow Sym	8117050	6.000	Ea
0480	_ Pavt Mrkg, Thermopl, Rt Turn Arrow Sym	8117050	4.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	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, Longit, 6 inch or Less Width, Rem	8120210	16,909.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,455.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	91.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,049.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	48.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	48.000	Ea
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	38.000	Ft
0620	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	196.000	Sft

0650	Sign, Type B, Temp, Prismatic, Oper	8120351	196.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow	8127050	2.000	Ea
0680	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0690	_ Slope Restoration	8167011	854.000	Syd



4/27/2018 9:33 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 010

Letting Date: June 1, 2018

Contract ID: 63041-125506

Description: Traffic signal modernizations and ADA ramps at I-696, M-59, and Old BR-96 (Grand River Avenue) in the cities of Farmington, Farmington Hills, Pleasant Ridge and Royal Oak, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125506A	1800751	N/A	STG 63041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$184,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Curb and Gutter, Rem	2040020	845.000	Ft
0040	Sidewalk, Rem	2040055	618.000	Syd
0050	Exploratory Investigation, Vertical	2040080	200.000	Ft
0060	Excavation, Earth	2050016	164.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0090	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0100	Aggregate Base, 4 inch	3020010	904.000	Syd
0110	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0120	Hand Patching	5010025	20.000	Ton
0130	_ Pedestrian Path, Temp	8007001	500.000	Ft
0140	_ Managed Field Ethernet Switch, Fiber Capable	8007050	8.000	Ea
0150	_ Pedestrian Ramp, Temp	8007050	8.000	Ea
0160	_ Roadside Unit, Intersection	8007050	8.000	Ea
0170	Curb and Gutter, Conc, Det F4	8020038	259.000	Ft
0180	Curb and Gutter, Conc, Det F6	8020040	157.000	Ft
0190	Detectable Warning Surface	8030010	292.000	Ft
0200	Curb Ramp Opening, Conc	8030030	426.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	6,228.000	Sft
0220	Post, Steel, 3 lb	8100371	46.000	Ft
0230	Sign, Type III, Rem	8100403	5.000	Ea
0240	Sign, Type IIIA	8100404	7.000	Sft
0250	Sign, Type IIIB	8100405	20.000	Sft
0260	_ Post, Rem	8107050	18.000	Ea
0270	Pavt Mrkg, Polyurea, 4 inch, White	8110091	100.000	Ft

0280	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	72.000	Ft
0290	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	7,063.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	5,852.000	Ft
0310	Rem Spec Mrkg	8110343	15,389.000	Sft
0320	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0330	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	4.000	Ea
0380	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0400	Sign Cover	8120310	10.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	3,500.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	3,500.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Pedestrian Type II Channelizer, Temp	8127001	500.000	Ft
0450	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0460	Slope Restoration, Type A	8160100	285.000	Syd
0470	Cable Pole, TS and Sec, Disman	8190009	2.000	Ea
0480	Cable Pole, TS, Disman	8190010	3.000	Ea
0490	Cable, Sec, Rem	8190017	195.000	Ft
0500	Conduit, DB, 1, 1 1/2 inch	8190027	895.000	Ft
0510	Conduit, DB, 1, 3 inch	8190029	222.000	Ft
0520	Conduit, DB, 2, 3 inch	8190032	85.000	Ft
0530	Conduit, DB, 3, 3 inch	8190035	343.000	Ft
0540	Conduit, DB, 4, 3 inch	8190038	98.000	Ft
0550	Conduit, Rem	8190140	958.000	Ft
0560	Hh, Adj	8190244	1.000	Ea
0570	Hh, Rem	8190254	33.000	Ea
0580	Hh, Round, 3 foot dia	8190259	8.000	Ea
0590	Hh, Round	8190260	29.000	Ea
0600	Cable, Sec, 600V, 1, 3/C#6	8190399	1,245.000	Ft
0610	Wood Pole, Fit Up, Sec Cable Pole	8190495	3.000	Ea
0620	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0630	Conduit, Directional Bore, 1, 3 inch	8190602	95.000	Ft
0640	Conduit, Directional Bore, 2, 3 inch	8190604	158.000	Ft
0650	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	13.000	Ea
0660	Case Sign, Rem	8200020	30.000	Ea
0670	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	12.000	Ea
0680	Controller and Cabinet, Rem	8200030	7.000	Ea
0690	Controller and Cabinet, Digital Type	8200031	8.000	Ea
0700	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
0710	Controller Fdn, Base Mount	8200045	8.000	Ea

0720	Controller Fdn, Rem	8200046	3.000	Ea
0730	Global Positioning System Module	8200050	5.000	Ea
0740	Global Positioning System Module, Rem	8200053	2.000	Ea
0750	Digital Loop Detector	8200055	1.000	Ea
0760	Fdn, Rem	8200065	16.000	Ea
0770	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	8.000	Ea
0780	Pedestal, Alum	8200100	9.000	Ea
0790	Pedestal, Fdn	8200105	30.000	Ea
0800	Pedestal Fdn, Rem	8200106	11.000	Ea
0810	Pedestal, Rem	8200110	9.000	Ea
0820	Power Co. (Est. Cost to Contractor)	8200116	9,500.000	Dlr
0830	Pushbutton and Sign	8200121	40.000	Ea
0840	Pushbutton, Rem	8200122	20.000	Ea
0850	Pushbutton Pedestal, Alum	8200123	22.000	Ea
0860	Pushbutton Pedestal, Rem	8200124	2.000	Ea
0870	Serv Disconnect	8200135	8.000	Ea
0880	Serv Disconnect, Rem	8200136	7.000	Ea
0890	Span Wire	8200140	28.000	Ea
0900	Span Wire, Rem	8200141	9.000	Ea
0910	Span Wire Tether	8200142	27.000	Ea
0920	Steel Pole, Rem	8200145	16.000	Ea
0930	Traf Loop	8200170	7.000	Ea
0940	TS, Bracket Arm Mtd, Rem	8200175	11.000	Ea
0950	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0960	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	17.000	Ea
0970	TS, Pedestrian, Pedestal Mtd, Rem	8200181	9.000	Ea
0980	TS, Span Wire Mtd, Rem	8200182	40.000	Ea
0990	Cabinet, Rem	8200184	1.000	Ea
1000	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	3.000	Ea
1010	TS, One Way Span Wire Mtd (LED)	8200313	56.000	Ea
1020	TS, One Way Span Wire Mtd, FYA (LED)	8200314	11.000	Ea
1030	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	7.000	Ea
1040	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1050	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	11.000	Ea
1060	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	13.000	Ea
1070	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1080	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
1090	Bracket, Truss, With 6 Foot Arm	8200374	1.000	Ea
1100	Bracket, Truss, With 18 Foot Arm	8200378	25.000	Ea
1110	Video Traf Detection System	8200380	3.000	Ea
1120	Video Traf Detection Camera	8200381	7.000	Ea
1130	Video Traf Detection Camera, Rem	8200384	15.000	Ea
1140	Bracket, Truss, Rem	8200388	15.000	Ea

1150	Wireless Vehicle Sensor Node, Rem	8200426	18.000	Ea
1160	Strain Pole, Steel, 6 bolt, 30 foot	8200460	16.000	Ea
1170	Strain Pole, Steel, 6 bolt, 36 foot	8200461	16.000	Ea
1180	Strain Pole Fdn, 6 Bolt	8200470	531.000	Ft
1190	Casing	8200480	329.000	Ft
1200	Cellular Modem, TS, 4G	8200498	8.000	Ea
1210	Backplate, TS	8200501	80.000	Ea
1220	_ TS, One Way Bracket Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
1230	_ Video Traf Detection Camera and Processor	8207050	16.000	Ea
1240	Contractor Staking, Road Only	8240007	1.000	LSUM
1250	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
1260	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1270	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
1280	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 011

Letting Date: June 1, 2018

Contract ID: 63900-M71844

Description: 16.18 mi of hot mix asphalt skip patching and pavement markings on various routes, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M71844	N/A	N/A	M 63900

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Cold Milling HMA Surface	5010002	94,627.000	Syd
0020	HMA Quality Initiative	5010007	28,740.000	Dlr
0030	HMA, 5E3	5010057	14,370.000	Ton
0040	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,440.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	16.000	Ea
0070	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	852.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	144,000.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	116,000.000	Ft
0100	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0110	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Ltg for Night Work	8120160	1.000	LSUM
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, High Intensity, Furn	8120250	275.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	275.000	Ea
0180	Sign Cover	8120310	10.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	20.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	20.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0250	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 012

Letting Date: June 1, 2018

Contract ID: 82101-201878

Description: 0.35 mi of intersection improvements including hot mix asphalt cold milling and resurfacing, left-turn lanes, widening lanes, concrete curb, gutter and ADA ramps, signing and pavement markings at McClumpha Road and Ann Arbor Road, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201878A	N/A	N/A	RP 82101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$49,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Curb and Gutter, Rem	2040020	805.000	Ft
0050	Pavt, Rem	2040050	45.000	Syd
0060	Sidewalk, Rem	2040055	50.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	Embankment, CIP	2050010	183.000	Cyd
0090	Excavation, Earth	2050016	1,018.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	61.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	18.000	Cyd
0130	Erosion Control, Sediment Trap	2080034	5.000	Ea
0140	Erosion Control, Silt Fence	2080036	250.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	364.000	Cyd
0170	Aggregate Base, 6 inch	3020016	676.000	Syd
0180	Aggregate Base, 9 inch	3020022	228.000	Syd
0190	Shoulder, CI II, 4 inch	3070126	193.000	Syd
0200	Shoulder, CI II, 7 inch	3070129	65.000	Syd
0210	Geotextile, Stabilization	3080010	50.000	Syd
0220	Cold Milling HMA Surface	5010002	11,541.000	Syd
0230	HMA Surface, Rem	5010005	350.000	Syd
0240	HMA Quality Initiative	5010007	2,714.000	Dlr
0250	Longitudinal Joint Density Quality Initiative	5010018	8,014.000	Dlr
0260	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0270	Hand Patching	5010025	50.000	Ton

0280	HMA Approach	5010061	1,307.000	Ton
0290	_ Pedestrian Path, Temp	8007001	100.000	Ft
0300	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0310	Curb and Gutter, Conc, Det F5	8020039	816.000	Ft
0320	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
0330	Spillway, Conc	8020075	17.000	Ft
0340	Detectable Warning Surface	8030010	20.000	Ft
0350	Curb Ramp Opening, Conc	8030030	28.000	Ft
0360	Sidewalk Ramp, Conc, 4 inch	8030034	370.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	148.000	Sft
0380	_ Sidewalk, Conc, 8 inch	8037010	171.000	Sft
0390	Post, Mailbox	8070095	1.000	Ea
0400	Post, Steel, 3 lb	8100371	239.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0420	Sign, Type III, Rem	8100403	5.000	Ea
0430	Sign, Type IIIB	8100405	74.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	650.000	Ft
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,096.000	Ft
0480	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,380.000	Ft
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0510	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0520	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0530	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Mobile Attenuator	8120180	1.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0590	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0610	Sign Cover	8120310	10.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	659.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	659.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	146.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	146.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	_ Pedestrian Type II Channelizer, Temp	8127001	100.000	Ft
0680	_ Driveway Maintenance	8127050	4.000	Ea
0690	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0700	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea

0710	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0720	Slope Restoration, Type B	8160101	6,145.000	Syd
0730	Slope Restoration, Type C	8160102	649.000	Syd
0740	Slope Restoration, Type D	8160103	10.000	Syd
0750	Protect Corners	8210020	1.000	Ea
0760	Contractor Staking, Road Only	8240007	1.000	LSUM
0770	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0780	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0790	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180601 013

Letting Date: June 1, 2018

Contract ID: 25132-202282

Description: 0.01 mi of drainage structure repairs on I-475 at Stewart Avenue and Pierson Road and on M-54 from Judd Road to north of Pierson Road in the cities of Flint and Burton, Genesee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202282A	N/A	N/A	M 25132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Non Haz Contaminated Material Handling and Disposal, LM	2050031	2.000	Cyd
0020	Dr Structure Cover, Type B	4030010	4.000	Ea
0030	Dr Structure Cover, Type DX	4030030	1.000	Ea
0040	Dr Structure Cover, Type J	4030045	2.000	Ea
0050	Dr Structure Cover, Type K	4030050	2.000	Ea
0060	Dr Structure, Cleaning	4030290	2.000	Ea
0070	_ Dr Structure Repair, Add Depth	4037001	50.000	Ft
0080	_ Dr Structure Repair, Composite Pavt	4037050	50.000	Ea
0090	_ Dr Structure, Repr	4037050	2.000	Ea
0100	Hand Patching	5010025	20.000	Ton
0110	Cement	6030005	1.000	Ton
0120	Non-Chloride Accelerator	6030035	100.000	Gal
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0150	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0180	Ltg for Night Work	8120160	1.000	LSUM
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Plastic Drum, High Intensity, Furn	8120250	165.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	165.000	Ea
0220	Sign Cover	8120310	10.000	Ea
0230	Sign Cover, Type 1	8120320	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	2,412.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	2,412.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	72.000	Sft

0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	72.000	Sft
0280	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	10.000	Ea
0290	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	10.000	Ea
0300	Flowable Fill, Non-Structural	8260148	20.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 180601 014

Letting Date: June 1, 2018

Contract ID: 23000-133149

Description: Concrete overlay, bridge railing replacement, cleaning and coating of steel beams, culvert, approach work and pavement markings on Ionia Road over Thornapple River, Eaton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133149A	N/A	N/A	MCS 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,600.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	69.000	Cyd
0030	Excavation, Earth	2050016	63.000	Cyd
0040	Machine Grading	2050030	4.000	Sta
0050	Erosion Control, Silt Fence	2080036	400.000	Ft
0060	Aggregate Base	3020001	60.000	Ton
0070	Shoulder, CI II, 5 inch	3070127	122.000	Syd
0080	Trenching	3070200	4.000	Sta
0090	Culv, CI F, 12 inch	4010607	14.000	Ft
0100	HMA Surface, Rem	5010005	405.000	Syd
0110	HMA, 13A	5010033	136.000	Ton
0120	Guardrail, Curved, Type B	8070010	25.000	Ft
0130	Guardrail, Curved, Type T	8070011	25.000	Ft
0140	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0150	Guardrail Anch, Bridge, Det T2	8070023	3.000	Ea
0160	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0170	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0180	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0190	Guardrail Reflector	8070080	15.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	620.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	620.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0240	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0250	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, High Intensity, Lighted, Furn	8120260	6.000	Ea
0300	Plastic Drum, High Intensity, Lighted, Oper	8120261	6.000	Ea
0310	Sign Cover	8120310	7.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	505.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	505.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	117.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	117.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Mulch Blanket, High Velocity	8160028	235.000	Syd
0400	_ Slope Restoration, Modified	8167011	235.000	Syd

Section: 2

0410	HMA Patch, Rem	5010006	16.000	Syd
0420	Conc, Grade D	7060010	6.000	Cyd
0430	Conc, Grade S2	7060011	2.000	Cyd
0440	False Decking	7060060	4,032.000	Sft
0450	Reinforcement, Steel, Epoxy Coated	7060092	3,372.000	Lb
0460	_ Expansive Waterstop	7067001	224.000	Ft
0470	Joint Waterproofing	7100001	18.000	Sft
0480	_ Silane Treatment	7107010	1,670.000	Sft
0490	Bridge Railing, Aesthetic Parapet Tube	7110005	224.000	Ft
0500	Scarifying	7120001	331.000	Syd
0510	Bridge Deck Surface Construction	7120025	331.000	Syd
0520	Conc, Silica Fume Modified	7120027	41.000	Cyd
0530	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	760.000	Ea
0540	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	96.000	Ea
0550	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0560	Hydrodemolition, First Pass	7120076	331.000	Syd
0570	Hydrodemolition, Second Pass	7120077	33.000	Syd
0580	Beam Plate, Seal Perimeter	7130010	550.000	Ft
0590	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	435.000	Lb
0600	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	50.000	Lb
0610	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0620	Steel Structure, Coating, Type 4	7150046	1.000	LSUM
0630	Drain Casting Assembly	7170010	10.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 015

Letting Date: June 1, 2018

Contract ID: 31000-132292

Description: 0.50 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps, sewer, drainage and pavement markings on various streets in the city of Hancock, Houghton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132292A	1800652	N/A	STUL 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Curb and Gutter, Rem	2040020	50.000	Ft
0040	Sidewalk, Rem	2040055	94.000	Syd
0050	Excavation, Earth	2050016	1,028.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0070	Aggregate Base, 6 inch	3020016	2,862.000	Syd
0080	Sewer, CI II, 12 inch, Tr Det B	4020748	20.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	21.000	Ea
0100	Dr Structure Cover, Type B	4030010	1.000	Ea
0110	Dr Structure Cover, Type D	4030025	1.000	Ea
0120	Dr Structure, 24 inch dia	4030200	1.000	Ea
0130	Dr Structure, 48 inch dia	4030210	1.000	Ea
0140	_ Sanitary Structure Cover, Adj, Case 1	4037050	14.000	Ea
0150	Cold Milling HMA Surface	5010002	3,916.000	Syd
0160	HMA Surface, Rem	5010005	4,808.000	Syd
0170	Hand Patching	5010025	5.000	Ton
0180	HMA, LVSP	5010703	1,306.000	Ton
0190	Curb and Gutter, Conc, Det F1	8020035	50.000	Ft
0200	Detectable Warning Surface	8030010	75.000	Ft
0210	Curb Ramp Opening, Conc	8030030	87.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	405.000	Sft
0230	Sidewalk, Conc, 6 inch	8030046	650.000	Sft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	368.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,046.000	Ft
0260	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0270	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	672.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	672.000	Sft
0330	Slope Restoration, Type A	8160100	112.000	Syd
0340	Gate Box, Adj, Case 1	8230431	15.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 016

Letting Date: June 1, 2018

Contract ID: 25000-129294

Description: Culvert replacement and approach work on Bristol Road over Call Drain, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129294A	N/A	N/A	MCS 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$162,500.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	41.000	Ft
0050	Guardrail, Rem	2040035	426.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0070	Exploratory Investigation, Vertical	2040080	6.000	Ft
0080	_ Pavt, Rem, Modified	2047011	2,380.000	Syd
0090	Embankment, CIP	2050010	114.000	Cyd
0100	Excavation, Earth	2050016	923.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0120	Erosion Control, Silt Fence	2080036	530.000	Ft
0130	Subbase, CIP	3010002	975.000	Cyd
0140	_ Aggregate Base, Modified	3027031	967.000	Ton
0150	_ Shoulder, CI II, Modified	3077031	10.000	Ton
0160	Geotextile, Separator	3080005	1,929.000	Syd
0170	Culv End Sect, 24 inch	4010024	2.000	Ea
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	112.000	Ft
0190	Sewer, CI A, 24 inch, Tr Det B	4020036	270.000	Ft
0200	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure Cover, Type D	4030025	2.000	Ea
0240	Dr Structure Cover, Type G	4030040	1.000	Ea
0250	Dr Structure Cover, Type K	4030050	4.000	Ea
0260	Dr Structure, 48 inch dia	4030210	5.000	Ea
0270	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	7.000	Ft

0280	Underdrain, Subbase, 4 inch	4040061	800.000	Ft
0290	Cold Milling HMA Surface	5010002	1,830.000	Syd
0300	HMA Surface, Rem	5010005	180.000	Syd
0310	HMA, 4E3	5010051	225.000	Ton
0320	_ HMA, Temp Pavt (3E1)	5017031	55.000	Ton
0330	_ HMA, Temp Pavt (4E1)	5017031	80.000	Ton
0340	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	2,170.000	Syd
0350	Joint, Contraction, Cp	6020200	1,895.000	Ft
0360	Diamond Grinding Conc Pavt	6030015	3,873.000	Syd
0370	Joint, Contraction, Crg	6030020	3,650.000	Ft
0380	Joint, Expansion, Erg	6030021	225.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	500.000	Ea
0400	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,000.000	Syd
0410	Pavt Repr, Rem	6030080	2,000.000	Syd
0420	Saw Cut, Intermediate	6030090	1,775.000	Ft
0430	Curb and Gutter, Conc, Det F3	8020037	632.000	Ft
0440	Guardrail, Type B	8070000	100.000	Ft
0450	Guardrail, Curved, Type B	8070010	150.000	Ft
0460	Guardrail, Backed, Det G1	8070015	1.000	Ea
0470	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0480	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0490	Guardrail Reflector	8070080	24.000	Ea
0500	Delineator Reflector, Red	8100131	2.000	Ea
0510	Delineator Reflector, Yellow	8100132	2.000	Ea
0520	Delineator Reflector, White	8100134	2.000	Ea
0530	Fdn, Wood Support, Rem	8100280	4.000	Ea
0540	Delineator, Rem	8100349	4.000	Ea
0550	Post, Rigid, Delineator	8100361	4.000	Ea
0560	Post, Steel, 3 lb	8100371	172.000	Ft
0570	Post, Wood, 4 inch by 6 inch	8100380	82.000	Ft
0580	Sign, Type I, Rem	8100391	1.000	Ea
0590	Sign, Type IA	8100392	88.000	Sft
0600	Sign, Type II, Rem	8100397	1.000	Ea
0610	Sign, Type III, Rem	8100403	12.000	Ea
0620	Sign, Type IIIA	8100404	35.000	Sft
0630	Sign, Type IIIB	8100405	39.000	Sft
0640	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0650	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0670	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,150.000	Ft
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,000.000	Ft
0690	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	462.000	Ft
0700	Pavt Mrkg, Waterborne, 8 inch, White	8110235	173.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,150.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,000.000	Ft

0730	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	462.000	Ft
0740	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	173.000	Ft
0750	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,570.000	Ft
0760	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	132.000	Ft
0770	Rem Curing Compound, for Longit Mrkg, 8 inch	8110309	173.000	Ft
0780	Rem Spec Mrkg	8110343	250.000	Sft
0790	Witness, Log, \$1,000.00	8110350	1.000	Dir
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0810	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0820	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0830	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0840	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0850	Conc Barrier, Temp, Adj	8120080	580.000	Ft
0860	Conc Barrier, Temp, Furn	8120081	580.000	Ft
0870	Conc Barrier, Temp, Oper	8120082	580.000	Ft
0880	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0890	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0900	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0910	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Mobile Attenuator	8120180	2.000	Ea
0940	Pavt Mrkg Cover, Type R, Black	8120200	5,970.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	10,100.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,620.000	Ft
0970	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0980	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0990	Sign Cover	8120310	6.000	Ea
1000	Sign Cover, Type 1	8120320	4.000	Ea
1010	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1020	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	822.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	822.000	Sft
1050	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	183.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	183.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	_ Turf Establishment, Performance-No Rye, Special	8167011	1,475.000	Syd

Section: 2

1090	Structures, Rem	2040060	1.000	LSUM
1100	Backfill, Structure, CIP	2060002	7,000.000	Cyd
1110	Excavation, Fdn	2060010	5,800.000	Cyd
1120	Erosion Control, Filter Bag	2080014	2.000	Ea

1130	_ Bypass Pumping	2087050	1.000	Ea
1140	_ Construction Dam	2087050	1.000	Ea
1150	_ Culv, Precast Conc Box, 18 foot by 12 foot	4017001	134.000	Ft
1160	Underdrain, Fdn, 4 inch	4040031	375.000	Ft
1170	Underdrain Outlet, 4 inch	4040091	40.000	Ft
1180	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1190	Culv Bedding, Box Culv	4060005	142.000	Cyd
1200	Steel Sheet Piling, Temp	7040002	1,975.000	Sft
1210	False Decking	7060060	2,445.000	Sft
1220	Joint Waterproofing	7100001	315.000	Sft
1230	_ Riprap, Heavy, Modified	8137011	200.000	Syd
1240	Flowable Fill, Non-Structural	8260148	130.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 180601 017

Letting Date: June 1, 2018

Contract ID: 15000-130359

Description: 1.19 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, aggregate shoulders, culvert replacement, guardrail and pavement markings on Marion Center Road from the south county line of Charlevoix County northward, Charlevoix County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130359A	1800547	N/A	STL 15000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$88,200.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Pavt, Rem	2040050	30.000	Syd
0050	Ditch Cleanout	2050006	17.000	Sta
0060	Embankment, LM	2050011	1,700.000	Cyd
0070	Excavation, Earth	2050016	8,635.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0090	Erosion Control, Silt Fence	2080036	4,000.000	Ft
0100	Subbase, CIP	3010002	1,200.000	Cyd
0110	Subbase, LM	3010003	1,470.000	Cyd
0120	Aggregate Base, LM	3020002	2,825.000	Cyd
0130	Aggregate Base, 6 inch	3020016	6,940.000	Syd
0140	HMA Base Crushing and Shaping	3050002	23,071.000	Syd
0150	Approach, CI I, LM	3070003	50.000	Cyd
0160	Approach, CI II, LM	3070023	55.000	Cyd
0170	Shoulder, CI II, LM	3070123	300.000	Cyd
0180	Trenching	3070200	111.000	Sta
0190	Culv End Sect, Conc, 18 inch	4010049	6.000	Ea
0200	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0210	Culv End Sect, Conc, 42 inch	4010054	2.000	Ea
0220	Culv, CI E, 18 inch	4010541	288.000	Ft
0230	Culv, CI E, 36 inch	4010544	64.000	Ft
0240	Culv, CI E, 42 inch	4010545	56.000	Ft
0250	Culv, CI F, 15 inch	4010608	334.000	Ft
0260	Dr Marker Post	4011109	10.000	Ea
0270	HMA Surface, Rem	5010005	3,600.000	Syd

0280	Pavt for Butt Joints, Rem	5010008	13.000	Syd
0290	HMA, 4E1	5010050	2,600.000	Ton
0300	HMA, 5E1	5010056	2,700.000	Ton
0310	HMA Approach	5010061	870.000	Ton
0320	Driveway, Nonreinf Conc, 6 inch	8010005	45.000	Syd
0330	Curb and Gutter, Conc, Det B2	8020016	560.000	Ft
0340	_ HMA Curb, Modified	8057001	4,825.000	Ft
0350	Guardrail, Type B	8070000	1,175.000	Ft
0360	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0370	Guardrail Reflector	8070080	55.000	Ea
0380	Post, Mailbox	8070095	5.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,600.000	Ft
0400	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,600.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,920.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	230.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	230.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	119.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	119.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	Riprap, Plain	8130010	58.000	Syd
0550	_ HMA Spillway	8147011	35.000	Syd
0560	Fertilizer, Chemical Nutrient, CI A	8160020	860.000	Lb
0570	Mulch	8160025	7,700.000	Syd
0580	Mulch Anchoring	8160026	7,700.000	Syd
0590	Mulch Blanket	8160027	10,500.000	Syd
0600	Seeding, Mixture TDS	8160037	900.000	Lb
0610	Topsoil Surface, Furn, 3 inch	8160061	18,100.000	Syd
0620	Monument Box	8210001	2.000	Ea
0630	Monument Preservation	8210010	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 018

Letting Date: June 1, 2018

Contract ID: 13000-130067

Description: 3.00 mi of hot mix asphalt resurfacing and widening of shoulders on various routes in the village of Albion, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130067A	1800668	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	50.000	Syd
0030	Subgrade Undercutting, Type II	2050041	40.000	Cyd
0040	_ Machine Grading, Modified	2057002	318.000	Sta
0050	Erosion Control, Silt Fence	2080036	200.000	Ft
0060	Aggregate Base	3020001	5,500.000	Ton
0070	_ Approach, CI II, Modified	3077031	90.000	Ton
0080	HMA Surface, Rem	5010005	325.000	Syd
0090	Pavt for Butt Joints, Rem	5010008	1,200.000	Syd
0100	HMA, LVSP	5010703	8,600.000	Ton
0110	Post, Steel, 3 lb	8100371	700.000	Ft
0120	Sign, Type III, Rem	8100403	36.000	Ea
0130	Sign, Type IIIB	8100405	197.000	Sft
0140	Sign, Type V, Rem	8100421	6.000	Ea
0150	Sign, Type VB	8100425	42.000	Sft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	32,000.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,000.000	Ft
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	_ Slope Restoration, Modified	8167011	11,000.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 019

Letting Date: June 1, 2018

Contract ID: 58000-200508

Description: 5.23 mi of hot mix asphalt ultra-thin overlay, aggregate shoulders, shoulder and centerline corrugations and pavement markings on Oakville Waltz Road from Sumpter Road to Exeter Road and on Luna Pier Road from M-125 to I-75, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200508A	1800659	N/A	HSIP 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$52,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	338.000	Ft
0030	Shoulder, CI II	3070121	750.000	Ton
0040	Cold Milling HMA Surface	5010002	2,750.000	Syd
0050	Pavt for Butt Joints, Rem	5010008	1,977.000	Syd
0060	_ HMA, Ultra-Thin, Medium Volume	5017031	5,250.000	Ton
0070	_ Fog Seal, Corrugations	5057011	11,500.000	Syd
0080	Guardrail, Type B	8070000	225.000	Ft
0090	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0100	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0110	Guardrail Reflector	8070080	14.000	Ea
0120	_ Guardrail, Backed, Det G1, Modified	8077050	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	95.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	54,700.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,500.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	54,700.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,500.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0200	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0220	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0230	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,200.000	Ft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
0290	_ Railroad Protection, at Grade Crossing	8127060	10,000.000	Dir
0300	Monument Box Adjust	8210005	8.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	15,700.000	Ft
0320	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	14,000.000	Ft
0330	Water Shutoff, Adj, Case 1	8230421	2.000	Ea



4/27/2018 9:33 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 020

Letting Date: June 1, 2018

Contract ID: 79000-202593

Description: 4.52 mi of double chip sealing with fog sealing and pavement markings on North Hurds Corner Road from Deckerville Road north to M-81, Tuscola County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202593A	1800561	N/A	STL 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$28,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,800.000	Ton
0030	_ Seal, Double Chip, Modified	5057011	58,350.000	Syd
0040	Post, Mailbox	8070095	20.000	Ea
0050	Post, Steel, 3 lb	8100371	900.000	Ft
0060	Sign, Type III, Rem	8100403	40.000	Ea
0070	Sign, Type IIIB	8100405	104.000	Sft
0080	Reflective Panel for Permanent Sign Support, 6 foot	8100616	13.000	Ea
0090	_ Sign, Type IIIA, Modified	8107010	183.000	Sft
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	47,730.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,340.000	Ft
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	478.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0180	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	6.000	Sft
0190	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	6.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	_ Seal, Fog	8507011	58,350.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 021

Letting Date: June 1, 2018

Contract ID: 27562-125561

Description: Taxiway A2 and GA Apron Rehabilitation at Gogebic- Iron County Airport, city of Ironwood, Gogebic County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125561A	B-26-0050-2718	N/A	FM 27562
201176A	B-26-0050-2718	N/A	FM 27562

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	10,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	147.000	Lft
0050	Unclassified Excavation	1520410	56.000	Cyd
0060	Erosion Control, Silt Fence	1560625	1,000.000	Lft
0070	Bituminous Surface Course-Gradation 2	4010638	4,662.000	Ton
0080	Bituminous Tack Coat	6030510	1,730.000	Gal
0090	Airport Pavement Marking, 1/2 Rate, Solid, Solid Yellow	6200519	1,900.000	Sft
0100	Remarking Airport Pavement, Solid, Black	6200524	31,000.000	Sft
0110	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	4,700.000	Sft
0120	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	30,000.000	Sft
0130	Pipe Underdrain 4", Type as Specified	7050510	2,584.000	Lft
0140	Underdrain Cleanout, As Specified	7050525	8.000	Ea
0150	Concrete Gutter, Size as Specified	7540555	56.000	Lft
0160	Misc. PVC Solid Underdrain Pipe, 4" Diameter	8007001	50.000	Lft
0170	Misc. Fine Grade & Compact Aggregate/Pulverized Bituminous Base Course	8007011	17,267.000	Syd
0180	Misc. Geotextile Separator, As Specified	8007011	3,500.000	Syd
0190	Misc. Pulverize Bituminous Pavement, 6" & Greater Thickness	8007011	17,213.000	Syd
0200	Misc. Riprap, Plain	8007011	5.000	Syd
0210	Misc. Remove and Stockpile Pulverized Material	8007021	1,824.000	Cyd
0220	Misc. Subgrade Undercutting	8007021	3,500.000	Cyd
0230	Misc. Concrete Underdrain Outlet	8007050	1.000	Ea
0240	Misc. Removal & Disposal of Abandoned Septic Tank	8007050	1.000	Ea

0250	Misc. Remove Underdrain Cleanout	8007050	1.000	Ea
0260	Misc. Taxiway Edge Light Base Adjustment	8007050	4.000	Ea
0270	Misc. Construction Layout & Stakes, by Contractor	8007051	1.000	LSUM
0280	Misc. Paving Grade Control	8007051	1.000	LSUM
0290	Seeding with Mixture and Rate, As Specified	9010517	1.000	Acre
0300	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	200.000	Cyd
0310	Wood Fiber Mulch	9080515	1.000	Acre



Schedule of Pay Items

Report v1

Letting Call: 180601 022

Letting Date: June 1, 2018

Contract ID: 03000-130743

Description: 0.52 mi of hot mix asphalt resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on Lincoln Avenue from 32nd Street to US-31 in the city of Holland, Allegan County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130743A	1800602	N/A	CM 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$72,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Dr Structure, Rem	2030011	14.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	694.000	Ft
0060	Sewer, Rem, 24 inch to 48 inch	2030016	70.000	Ft
0070	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0080	Curb and Gutter, Rem	2040020	2,991.000	Ft
0090	Pavt, Rem	2040050	255.000	Syd
0100	Sidewalk, Rem	2040055	190.000	Syd
0110	Excavation, Earth	2050016	1,104.000	Cyd
0120	Granular Material, CI III	2050024	110.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0160	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0170	Subbase, CIP	3010002	142.000	Cyd
0180	_ Aggregate Base, 21AA, 12 inch, Modified	3027011	2,112.000	Syd
0190	Maintenance Gravel, LM	3060021	300.000	Cyd
0200	Sewer, CI E, 12 inch, Tr Det B	4020600	368.000	Ft
0210	Sewer, CI E, 24 inch, Tr Det B	4020603	391.000	Ft
0220	Sewer, CI E, 30 inch, Tr Det B	4020604	8.000	Ft
0230	Sewer, CI E, 36 inch, Tr Det B	4020605	493.000	Ft
0240	Sewer Tap, 12 inch	4021204	4.000	Ea
0250	Sewer Tap, 24 inch	4021207	1.000	Ea
0260	Sewer Tap, 30 inch	4021208	1.000	Ea
0270	Sewer Tap, 36 inch	4021209	1.000	Ea

0280	Video Taping Sewer and Culv Pipe	4021275	1,247.000	Ft
0290	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0300	Dr Structure Cover, Type B	4030010	7.000	Ea
0310	Dr Structure Cover, Type K	4030050	11.000	Ea
0320	Dr Structure, 24 inch dia	4030200	5.000	Ea
0330	Dr Structure, 48 inch dia	4030210	4.000	Ea
0340	Dr Structure, 60 inch dia	4030220	5.000	Ea
0350	Dr Structure, 72 inch dia	4030230	1.000	Ea
0360	Dr Structure, Tap, 36 inch	4030336	3.000	Ea
0370	_ Sleeve, 3 inch PVC	4037001	60.000	Ft
0380	_ Yard Drain Connection	4037001	90.000	Ft
0390	Cold Milling HMA Surface	5010002	13,081.000	Syd
0400	HMA Surface, Rem	5010005	1,349.000	Syd
0410	Hand Patching	5010025	22.000	Ton
0420	HMA, 4E1	5010050	43.000	Ton
0430	HMA, 5E1	5010056	1,732.000	Ton
0440	HMA Approach	5010061	58.000	Ton
0450	_ Cold Milling, HMA Base Repair	5017011	500.000	Syd
0460	_ HMA, 4E1, Modified	5017031	380.000	Ton
0470	_ HMA, 5E1, Base Repair	5017031	63.000	Ton
0480	Driveway, Nonreinf Conc, 6 inch	8010005	284.000	Syd
0490	Curb and Gutter, Conc, Det C4	8020023	2,426.000	Ft
0500	Driveway Opening, Conc, Det M	8020050	282.000	Ft
0510	_ Concrete Washout Area	8027050	1.000	Ea
0520	Curb Ramp Opening, Conc	8030030	94.000	Ft
0530	Sidewalk Ramp, Conc, 6 inch	8030036	1,481.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	8,827.000	Sft
0550	Sidewalk, Conc, 6 inch	8030046	2,566.000	Sft
0560	_ Detectable Warning Surface, Modified	8037001	122.000	Ft
0570	_ Post, Mailbox, Modified	8077050	4.000	Ea
0580	_ Post, Mailbox, Rem & Salvage	8077050	9.000	Ea
0590	Post, Steel, 3 lb	8100371	252.000	Ft
0600	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0610	Sign, Type III, Rem	8100403	14.000	Ea
0620	Sign, Type IIIB	8100405	83.000	Sft
0630	_ Remove, Salvage and Relocate, Sign	8107050	1.000	Ea
0640	Pavt Mrkg, Polyurea, 4 inch, White	8110091	707.000	Ft
0650	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	5,832.000	Ft
0660	Pavt Mrkg, Polyurea, 6 inch, White	8110094	4,344.000	Ft
0670	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	4.000	Ea
0680	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	4.000	Ea
0690	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	109.000	Ft
0700	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	341.000	Ft
0710	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	80.000	Ft
0720	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea

0730	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0740	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0750	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0780	Channelizing Device, 42 inch, Furn	8120030	110.000	Ea
0790	Channelizing Device, 42 inch, Oper	8120031	110.000	Ea
0800	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0810	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0820	Ltg for Night Work	8120160	1.000	LSUM
0830	Minor Traf Devices	8120170	1.000	LSUM
0840	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	48.000	Ft
0850	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	345.000	Ft
0860	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0870	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0880	Sign Cover	8120310	9.000	Ea
0890	Sign, Type B, Temp, Prismatic, Furn	8120350	699.000	Sft
0900	Sign, Type B, Temp, Prismatic, Oper	8120351	699.000	Sft
0910	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	36.000	Sft
0920	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	36.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0940	_ Parking Bumper, Conc, 8 Feet	8127050	7.000	Ea
0950	_ Pedestrian Type II Barricade, Temp	8127050	15.000	Ea
0960	_ Restoration	8167011	2,055.000	Syd
0970	Monument Box	8210001	2.000	Ea
0980	Monument Preservation	8210010	2.000	Ea
0990	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1000	Gate Box, Adj, Case 1	8230431	8.000	Ea
1010	_ Sanitary Manhole, Adjust	8257050	3.000	Ea
1020	_ Sanitary Manhole, Adjust, Add Depth	8257050	3.000	Ea
1030	_ Sanitary Structure Frame and Cover	8257050	9.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 023

Letting Date: June 1, 2018

Contract ID: 05555-133194

Description: 1.54 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulder, culvert replacement, guardrail and pavement marking on Marion Center Road (C-65) from Atwood Road north to the north county line of Antrim County, Antrim County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133194A	1800548	N/A	STL 05555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$55,800.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	38.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Pavt, Rem	2040050	19.000	Syd
0060	Ditch Cleanout	2050006	2.000	Sta
0070	_ Machine Grading, Modified	2057002	163.000	Sta
0080	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0090	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0100	Subbase, CIP	3010002	316.000	Cyd
0110	Aggregate Base	3020001	3,788.000	Ton
0120	HMA Base Crushing and Shaping	3050002	28,053.000	Syd
0130	Approach, CI I	3070001	12.000	Ton
0140	Approach, CI II	3070021	84.000	Ton
0150	Shoulder, CI II	3070121	1,065.000	Ton
0160	Culv End Sect, Metal, 15 inch	4010095	36.000	Ea
0170	Culv End Sect, Metal, 18 inch	4010096	4.000	Ea
0180	Culv End Sect, Metal, 24 inch	4010098	2.000	Ea
0190	Culv, CI A, CSP, 15 inch	4010200	36.000	Ft
0200	Culv, CI A, CSP, 18 inch	4010201	118.000	Ft
0210	Culv, CI A, CSP, 24 inch	4010202	54.000	Ft
0220	Culv, CI A, CSP, 54 inch	4010207	64.000	Ft
0230	Culv, CI F, CSP, 15 inch	4010676	681.000	Ft
0240	HMA Surface, Rem	5010005	547.000	Syd
0250	HMA, 4E1	5010050	2,906.000	Ton
0260	HMA, 5E1	5010056	2,179.000	Ton
0270	HMA Approach	5010061	62.000	Ton

0280	Curb Sloped, HMA	8050010	600.000	Ft
0290	Guardrail, Type B	8070000	2,813.000	Ft
0300	Guardrail, Curved, Type B	8070010	50.000	Ft
0310	Guardrail Approach Terminal, Type 2B	8070042	10.000	Ea
0320	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0330	Guardrail Reflector	8070080	110.000	Ea
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,984.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,039.000	Ft
0360	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,320.000	Ft
0430	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	716.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	716.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	57.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	57.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Riprap, Plain	8130010	55.000	Syd
0510	Paved Ditch, HMA	8140010	34.000	Syd
0520	Fertilizer, Chemical Nutrient, CI A	8160020	491.000	Lb
0530	Mulch	8160025	13,500.000	Syd
0540	Mulch Anchoring	8160026	13,500.000	Syd
0550	Mulch Blanket	8160027	528.000	Syd
0560	Seeding, Mixture THM	8160039	614.000	Lb
0570	Topsoil Surface, Furn, 3 inch	8160061	13,500.000	Syd
0580	Monument Box	8210001	3.000	Ea
0590	Monument Preservation	8210010	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 024

Letting Date: June 1, 2018

Contract ID: 11000-130866

Description: 0.59 mi of hot mix asphalt cold milling and resurfacing and concrete sidewalk ramps on 17th Street from Broadway Avenue to Main Street in the city of Niles, Berrien County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130866A	1800651	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$21,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	11.000	Ft
0030	Curb, Rem	2040021	52.000	Ft
0040	Sidewalk, Rem	2040055	215.000	Syd
0050	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0060	Aggregate Base, 8 inch	3020020	80.000	Syd
0070	Sewer, CI A, 12 inch, Tr Det B	4020033	85.000	Ft
0080	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0090	Dr Structure Cover, Type K	4030050	14.000	Ea
0100	Dr Structure Cover, Type Q	4030065	1.000	Ea
0110	Dr Structure, 24 inch dia	4030200	1.000	Ea
0120	Cold Milling HMA Surface	5010002	12,215.000	Syd
0130	HMA Surface, Rem	5010005	555.000	Syd
0140	Hand Patching	5010025	45.000	Ton
0150	HMA Approach	5010061	130.000	Ton
0160	HMA, LVSP	5010703	1,335.000	Ton
0170	Conc Base Cse, Nonreinf, 7 inch	6020017	215.000	Syd
0180	Curb and Gutter, Conc, Det C4	8020023	875.000	Ft
0190	Detectable Warning Surface	8030010	80.000	Ft
0200	Curb Ramp Opening, Conc	8030030	128.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	880.000	Sft
0220	Sidewalk, Conc, 4 inch	8030044	965.000	Sft
0230	Curb Sloped, HMA	8050010	4,690.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	625.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	149.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,340.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,610.000	Ft
0330	Barricade, Type III, High Intensity, Lighted, Furn	8120022	34.000	Ea
0340	Barricade, Type III, High Intensity, Lighted, Oper	8120023	34.000	Ea
0350	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	487.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	487.000	Sft
0400	Slope Restoration, Type B	8160101	4,250.000	Syd
0410	Traf Loop, Presence	8200171	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 025

Letting Date: June 1, 2018

Contract ID: 58000-200272

Description: Installation of flashing beacons at four locations, intersection signing upgrade and addition of reflective post sheeting at various locations, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200272A	1800671	N/A	HRRR 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,400.00	1500001	1.000	LSUM
0020	Conduit, 3 inch	7060030	25.000	Ft
0030	Post, Steel, 3 lb	8100371	1,330.000	Ft
0040	Post, Wood, 6 inch by 8 inch	8100382	90.000	Ft
0050	Sign, Type III, Rem	8100403	79.000	Ea
0060	Sign, Type IIIA	8100404	178.000	Sft
0070	Sign, Type IIIB	8100405	355.000	Sft
0080	_ Reflective Panels for Permanent Sign Supports	8107050	88.000	Ea
0090	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0100	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0130	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	288.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	288.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	_ New STOP Flasher Assembly	8127050	6.000	Ea
0180	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0190	Flsh Beacon, Controller and Cabinet, Solid State, Salv	8200069	1.000	Ea
0200	Serv Disconnect	8200135	1.000	Ea
0210	Span Wire	8200140	1.000	Ea
0220	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0230	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 026

Letting Date: June 1, 2018

Contract ID: 19631-124996

Description: Rehabilitation of pavements associated with Runway 9-27 and Electrical with Runway 27 PAPI replacement at the Abrams Municipal Airport, city of Grand Ledge, Clinton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124996A	B-26-0103-2218	N/A	FM 19631
124997A	B-26-0103-2218	N/A	FM 19631

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	Runway Strip Marker or Circle Segment, Steel Frame	1000510	20.000	Ea
0040	Permits	1000535	10,000.000	Dlr
0050	Sawing Bituminous Pavement, Specified Dimensions	1010215	185.000	Lft
0060	Airport Windcone, 12', Lighted, Type as Specified	1070540	1.000	Ea
0070	Misc. Remove Existing Airport Windcone	1077050	1.000	Ea
0080	Misc. Remove Existing Steel Frame Circle Segment	1077050	20.000	Ea
0090	Bare Counterpoise Wire, #6, Solid, Installed	1080531	12,400.000	Lft
0100	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	28,800.000	Lft
0110	Electrical Vault Modifications, As Specified	1090515	1.000	LSUM
0120	Furnish & Install Specified Electrical Vault Equipment	1090530	1.000	LSUM
0130	Plastic Conduit, 2", Direct Burial	1100614	10,900.000	Lft
0140	Underground Electrical Duct, 4 Bank 3", Direct Burial	1100628	1,213.000	Lft
0150	Underground Electrical Duct, 2 Bank 3", Concrete Encased	1100650	230.000	Lft
0160	Electrical Handhole, With Cover, as Specified	1150550	8.000	Ea
0170	Misc. Airfield Electrical Junction Can	1157050	4.000	Ea
0180	Medium Intensity Edge Light, L861, (MIRL/MITL),6.6A, Base Mount, 360 Blue Color, Height as specified	1250592	4.000	Ea
0190	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 180 Red/180 Green Colors, Height as specified	1250601	16.000	Ea
0200	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 180 Yellow/180 Clear Colors, Height as specified	1250605	32.000	Ea
0210	Remove Existing Medium Intensity Stake Mounted Light	1250642	45.000	Ea
0220	Remove Existing Medium Intensity Base Mounted Light	1250643	8.000	Ea

0230	Taxiway Guidance Sign, L858 (L), LED, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250705	3.000	Ea
0240	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	3.000	Ea
0250	Remove Guidance Sign	1250799	6.000	Ea
0260	Remove Precision Approach Path Indicator (PAPI), 2 Box, As Specified	1250845	1.000	Set
0270	Misc. Install Precision Appr. Path Indicator (PAPI), L-881 (L), LED, 2 Box, Furn. by Owner	1257055	1.000	Set
0280	Erosion Control, Silt Fence	1560625	100.000	Lft
0290	Double Leaf Gate 16', 4' Chain-Link	1620704	1.000	Ea
0300	Bituminous Surface Course-Gradation 2	4030638	6,200.000	Ton
0310	Bituminous Tack Coat	6030510	3,000.000	Gal
0320	Airport Pavement Marking, Solid, Black	6200517	925.000	Sft
0330	Airport Pavement Marking, 1/2 Rate, Solid, White	6200519	16,987.000	Sft
0340	Airport Pavement Marking, 1/2 Rate, Solid, Yellow	6200519	2,800.000	Sft
0350	Remarking Airport Pavement, Solid, Black	6200524	500.000	Sft
0360	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	16,987.000	Sft
0370	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	3,900.000	Sft
0380	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	22,000.000	Sft
0390	Misc. Fine Grade & Compact Aggregate/Pulverized Bituminous Base Course	8007011	29,520.000	Syd
0400	Misc. Geotextile Separator, As Specified	8007011	900.000	Syd
0410	Misc. Pulverize Bituminous Pavement, 6" & Greater Thickness	8007011	29,214.000	Syd
0420	Misc. Remove and Stockpile Pulverized Material	8007021	2,668.000	Cyd
0430	Misc. Subgrade Undercutting	8007021	600.000	Cyd
0440	Misc. Remove Runway Centerline Monument/Approach Marker	8007050	10.000	Ea
0450	Misc. Runway Approach Surface Marker	8007050	7.000	Ea
0460	Misc. Runway Approach Surface Marker, Through Pavement	8007050	1.000	Ea
0470	Misc. Runway Centerline Monument	8007050	2.000	Ea
0480	Misc. Stop Sign	8007050	1.000	Ea
0490	Misc. Construction Layout & Stakes, by Contractor	8007051	1.000	LSUM
0500	Misc. Paving Grade Control	8007051	1.000	LSUM
0510	Misc. Utility Permits	8007060	10,000.000	Dir
0520	Misc. Seeding with Mixture and Rate, as Specified	9017002	72.000	Sta
0530	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	500.000	Cyd
0540	Misc Wood Fiber Mulch	9087002	72.000	Sta



Schedule of Pay Items

Report v1

Letting Call: 180601 027

Letting Date: June 1, 2018

Contract ID: 81000-201829

Description: 7.39 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk, traffic signal and pavement markings on various routes, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201829A	1800472	N/A	NH 81000
202469A	N/A	N/A	EDD 81000
202574A	1800587	N/A	STL 81000
202727A	1800640	N/A	STL 81000
202828A	1800608	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$162,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	327.000	Ft
0030	_ Sidewalk, Rem, Modified	2047011	273.000	Syd
0040	Project Cleanup	2090001	1.000	LSUM
0050	_ Aggregate Base, Conditioning, Modified	3027011	1,179.000	Syd
0060	_ Shoulder, CI II, Modified	3077031	677.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0080	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0090	Dr Structure, Temp Lowering	4030390	9.000	Ea
0100	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	9.000	Ea
0110	_ Plaster Coating Structure	4037050	26.000	Ea
0120	Cold Milling HMA Surface	5010002	118,395.000	Syd
0130	HMA Surface, Rem	5010005	52.000	Syd
0140	HMA, 5E1	5010056	7,189.000	Ton
0150	HMA, 5E3	5010057	2,955.000	Ton
0160	HMA Approach	5010061	920.000	Ton
0170	_ Void Reducing Asphalt Membrane	5017001	25,982.000	Ft
0180	_ Hand Patching, Modified	5017031	12.000	Ton
0190	_ HMA, 5E3, Modified	5017031	2,955.000	Ton
0200	HMA Crack Treatment, Lane	5020005	45.360	Lnmi
0210	Curb, Conc, Det E2	8020002	40.000	Ft
0220	_ Curb and Gutter, Conc, Det F4, Modified	8027001	327.000	Ft
0230	Detectable Warning Surface	8030010	159.000	Ft
0240	Curb Ramp Opening, Conc	8030030	144.000	Ft

0250	Sidewalk Ramp, Conc, 4 inch	8030034	1,382.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	1,077.000	Sft
0270	Post, Mailbox	8070095	5.000	Ea
0280	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	900.000	Ft
0290	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	325.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	56,137.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,292.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	10,300.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	56,137.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38,292.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	10,300.000	Ft
0360	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	20.000	Ea
0370	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
0380	Pavt Mrkg, Polyurea, School	8110414	1.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	20.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	20.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,128.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,536.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,027.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,536.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,363.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	4,119.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	4,119.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	195.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	195.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	_ Pedestrian Type II Barricade, Temp	8127050	30.000	Ea
0570	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0580	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0590	_ Turf Establishment, Performance	8167011	1,000.000	Syd
0600	_ Conduit, DB, 1, 2 inch	8197001	80.000	Ft
0610	_ T.S. Hanhole, Conc, Conduit, Tap	8197050	4.000	Ea
0620	Pedestal, Alum	8200100	4.000	Ea
0630	Pedestal, Fdn	8200105	8.000	Ea
0640	Pedestal Fdn, Rem	8200106	2.000	Ea
0650	Pedestal, Rem	8200110	2.000	Ea

0660	Pushbutton and Sign	8200121	8.000	Ea
0670	Pushbutton, Rem	8200122	4.000	Ea
0680	Pushbutton Pedestal, Alum	8200123	4.000	Ea
0690	Traf Loop, Presence	8200171	11.000	Ea
0700	Traf Loop, Calling	8200172	2.000	Ea
0710	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0720	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0730	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0740	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0750	TS, Bag	8200450	4.000	Ea
0760	TS, Bag, Rem	8200451	4.000	Ea
0770	Monument Box	8210001	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 028

Letting Date: June 1, 2018

Contract ID: 82000-132674

Description: Installation of pavement markings and symbols at various intersection locations 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
132674A	1800612	N/A	SUG 82000

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	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	23,803.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	33,525.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	8,571.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	229.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	350.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	73.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	18.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	13.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	51.000	Ea
0120	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	6,012.000	Ft
0130	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	4,502.000	Ft
0140	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	1,992.000	Ft
0150	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	19,673.000	Ft
0160	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	9,556.000	Ft
0170	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	6,779.000	Ft
0180	Rem Spec Mrkg	8110343	2,200.000	Sft
0190	Pavt Mrkg, Modified Urethane, 12 inch, Crosswalk	8110531	1,750.000	Ft
0200	_ Pavt Mrkg, Modified Urethane, 18 inch, Stop Bar	8117001	234.000	Ft
0210	_ Recessing for Pavt Mrkg, 06 inch	8117001	49,488.000	Ft
0220	_ Recessing for Pavt Mrkg, 12 inch	8117001	49,333.000	Ft
0230	_ Recessing for Pavt Mrkg, 18 inch	8117001	17,576.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 029

Letting Date: June 1, 2018

Contract ID: 41000-200499

Description: Countdown pedestrian signals, pedestrian pushbuttons and ADA upgrades at 38 intersections 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
200499A	1800691	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$65,400.00	1500001	1.000	LSUM
0020	_ Curb and Gutter, Rem, Modified	2047001	1,377.000	Ft
0030	_ Pavt, Rem, Modified	2047011	245.000	Syd
0040	_ Sidewalk, Rem, Modified	2047011	2,064.000	Syd
0050	Granular Material, CI II	2050023	50.000	Cyd
0060	Aggregate Base, 6 inch	3020016	245.000	Syd
0070	_ Dr Structure Cover, Adj, Special	4037050	8.000	Ea
0080	Hand Patching	5010025	10.000	Ton
0090	_ Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan	8027001	1,450.000	Ft
0100	Curb Ramp Opening, Conc	8030030	448.000	Ft
0110	Sidewalk Ramp, Conc, 6 inch	8030036	18,488.000	Sft
0120	Sidewalk, Clay Brick Pavers	8030050	1,700.000	Sft
0130	Sidewalk, Clay Brick Pavers, Rem	8030051	1,700.000	Sft
0140	_ Detectable Warning Surface, Modified	8037001	1,152.000	Ft
0150	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0160	Pedestrian Type II Channelizer, Temp	8120027	2,500.000	Ft
0170	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0240	_ Pedestrian Ramp, Temp	8127050	155.000	Ea
0250	_ Turf Establishment	8157011	245.000	Syd
0260	Hh, Adj	8190244	14.000	Ea
0270	Pushbutton and Sign	8200121	31.000	Ea

0280	Pushbutton, Rem	8200122	31.000	Ea
0290	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	148.000	Ea
0300	TS, Pedestrian, Pedestal Mtd, Rem	8200181	22.000	Ea
0310	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	37.000	Ea
0320	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	111.000	Ea
0330	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0340	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	16.000	Ea
0350	_ Steel Pole Mounting Hub	8207050	144.000	Ea
0360	_ Wood Pole Mounting Hub	8207050	25.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 030

Letting Date: June 1, 2018

Contract ID: 28000-130375

Description: 2.00 mi of hot mix asphalt resurfacing, tree removal, guardrail replacement, signing and pavement markings on 3 Mile Road from Garfield Road north to south of Smith Road, Grand Traverse County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130375A	1800686	N/A	STL 28000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0070	Guardrail, Rem	2040035	712.000	Ft
0080	Embankment, LM	2050011	100.000	Cyd
0090	Approach, CI I	3070001	22.000	Ton
0100	Approach, CI II	3070021	50.000	Ton
0110	Shoulder, CI I, 4 inch	3070106	1,309.000	Syd
0120	Shoulder, CI II	3070121	1,804.000	Ton
0130	Trenching	3070200	17.000	Sta
0140	HMA Surface, Rem	5010005	67.000	Syd
0150	Pavt for Butt Joints, Rem	5010008	535.000	Syd
0160	Edge Trimming	5010009	1,000.000	Ft
0170	Hand Patching	5010025	25.000	Ton
0180	HMA Approach	5010061	123.000	Ton
0190	HMA, LVSP	5010703	3,406.000	Ton
0200	Curb Sloped, HMA	8050010	1,078.000	Ft
0210	Guardrail, Type B	8070000	700.000	Ft
0220	Guardrail, Curved, Type B	8070010	13.000	Ft
0230	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0240	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0250	Guardrail Reflector	8070080	28.000	Ea
0260	Post, Mailbox	8070095	5.000	Ea
0270	Post, Steel, 3 lb	8100371	164.000	Ft

0280	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0290	Sign, Type III, Rem	8100403	9.000	Ea
0300	Sign, Type IIIA	8100404	24.000	Sft
0310	Sign, Type IIIB	8100405	27.000	Sft
0320	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0330	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,902.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,502.000	Ft
0350	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	844.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	488.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	488.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Riprap, Plain	8130010	74.000	Syd
0450	Paved Ditch, HMA	8140010	80.000	Syd
0460	_ Slope Restoration	8167011	859.000	Syd
0470	Monument Box	8210001	1.000	Ea
0480	Monument Preservation	8210010	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 031

Letting Date: June 1, 2018

Contract ID: 38101-115861

Description: 9.87 mi of hot mix asphalt reconstruction, concrete pavement, barrier, sidewalk, curb and gutter, earthwork, aggregate base, drainage, watermain, mine void grouting, cofferdams, removal and replacement of existing structure and replacement with pre-stressed concrete 1800 beam, approach work on I-94 over Jackson and Lansing railroad and the Grand River and removal and replacement of existing structure with a 36 inch by 49 inch pre-stressed concrete bulb-tee beam, approach work and pavement markings on M-106 over I-94 in the city of Jackson, Jackson County. This project includes three 5 year material and workmanship pavement warranties, a 3 year material and workmanship pavement warranty, and a 2 year warranty on concrete surface coating . A mandatory pre-bid meeting will be held at 9:00am on Tuesday, May 15, 2018 at the Blackman Township Hall located at 1990 West Parnall Road, Jackson, Michigan 49201. All prospective bidders must attend in order to be eligible to bid.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115861A	1800754	N/A	STI 38101
115862A	1800761	N/A	STI 38051
120273A	1800762	N/A	STI 38101
129154A	1800772	N/A	NH 38051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	52,500.000	Dlr
0060	_ Incentive, I-94, Phase III Interim Completion	1047060	288,000.000	Dlr
0070	_ Incentive, I-94, Phase IV Interim Completion	1047060	720,000.000	Dlr
0080	Critical Path Method Schedule	1080005	15,000.000	Dlr
0090	Mobilization, Max \$8,241,400.00	1500001	1.000	LSUM
0100	Clearing	2010001	2.240	Acre
0110	Clearing, Fence	2010002	174.000	Sta
0120	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0130	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0140	Tree, Rem, 6 inch to 18 inch	2020004	14.000	Ea
0150	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0160	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0170	Culv, End, Rem, Less than 24 inch	2030005	24.000	Ea
0180	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea
0190	Dr Structure, Rem	2030011	221.000	Ea

0200	Sewer, Rem, Less than 24 inch	2030015	10,016.000	Ft
0210	Sewer, Rem, 24 inch to 48 inch	2030016	4,028.000	Ft
0220	_ Monitoring Well, Abandon	2037050	7.000	Ea
0230	Basement Cleanout	2040005	250.000	Cyd
0240	Concrete Barrier, Rem	2040010	32,183.000	Ft
0250	Curb and Gutter, Rem	2040020	16,334.000	Ft
0260	Fence, Rem	2040025	52,066.000	Ft
0270	Guardrail, Rem	2040035	25,553.000	Ft
0280	Masonry and Conc Structure, Rem	2040045	302.000	Cyd
0290	Pavt, Rem	2040050	69,157.000	Syd
0300	Sidewalk, Rem	2040055	820.000	Syd
0310	Track, Rem	2040065	644.000	Ft
0320	Exploratory Investigation, Vertical	2040080	500.000	Ft
0330	_ Misc Debris, Rem, LM	2047021	5,000.000	Cyd
0340	Backfill, Swamp	2050001	30,556.000	Cyd
0350	Ditch Cleanout	2050006	2.000	Sta
0360	Excavation, Earth	2050016	321,372.000	Cyd
0370	Excavation, Peat	2050017	17,840.000	Cyd
0380	Excavation, Rock	2050018	7,477.000	Cyd
0390	Granular Blanket, Type 2	2050021	1,000.000	Cyd
0400	Non Haz Contaminated Material Handling and Disposal, LM	2050031	6,465.000	Cyd
0410	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0420	_ Embankment, CIP, Special	2057021	368,221.000	Cyd
0430	_ Subgrade Undercutting, Modified	2057021	7,000.000	Cyd
0440	Aggregate, 6A	2060001	545.000	Cyd
0450	_ High Strength Geotextile Reinforcement	2067011	11,325.000	Syd
0460	Obliterate Old Road	2070001	5.000	Sta
0470	Erosion Control, Check Dam, Stone	2080012	589.000	Ft
0480	Erosion Control, Gravel Access Approach	2080016	20.000	Ea
0490	Erosion Control, Gravel Filter Berm	2080018	460.000	Ft
0500	Erosion Control, Inlet Protection, Fabric Drop	2080020	581.000	Ea
0510	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	20.000	Ea
0520	Erosion Control, Inlet Protection, Sediment Trap	2080024	72.000	Ea
0530	Erosion Control, Maintenance, Sediment Removal	2080026	65.000	Cyd
0540	Erosion Control, Sand Bag	2080028	250.000	Ea
0550	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0560	Erosion Control, Sediment Trap	2080034	51.000	Ea
0570	Erosion Control, Silt Fence	2080036	28,535.000	Ft
0580	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	300.000	Syd
0590	_ Liner, PVC, 30 mil	2087011	3,791.000	Syd
0600	Project Cleanup	2090001	1.000	LSUM
0610	Subbase, CIP	3010002	91,584.000	Cyd
0620	Aggregate Base, 3 inch	3020008	1,020.000	Syd
0630	Aggregate Base, 4 inch	3020010	1,159.000	Syd

0640	Aggregate Base, 6 inch	3020016	218,457.000	Syd
0650	Aggregate Base, 9 inch	3020022	1,630.000	Syd
0660	Aggregate Base, 10 inch	3020026	56,369.000	Syd
0670	_ Aggregate Base, 13 inch	3027011	30,532.000	Syd
0680	_ Aggregate Base, 15 inch	3027011	18,041.000	Syd
0690	_ Aggregate Base, 32 inch	3027011	28,289.000	Syd
0700	Approach, CI II, 6 inch	3070028	685.000	Syd
0710	Shoulder, CI II, 6 inch	3070128	23,020.000	Syd
0720	Shoulder, CI II, 7 inch	3070129	760.000	Syd
0730	Trenching	3070200	97.000	Sta
0740	Geotextile, Separator	3080005	81,596.000	Syd
0750	Culv End Sect, 12 inch	4010012	23.000	Ea
0760	Culv End Sect, 18 inch	4010018	2.000	Ea
0770	Culv End Sect, 24 inch	4010024	5.000	Ea
0780	Culv End Sect, 30 inch	4010030	3.000	Ea
0790	Culv End Sect, 36 inch	4010036	2.000	Ea
0800	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0810	Culv, CI A, 12 inch	4010131	8.000	Ft
0820	Culv, CI A, 24 inch	4010134	113.000	Ft
0830	Culv, CI A, Conc, 24 inch	4010168	12.000	Ft
0840	Culv, CI E, 24 inch	4010542	144.000	Ft
0850	Culv, CI F, 12 inch	4010607	200.000	Ft
0860	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0870	Dr Marker Post	4011109	15.000	Ea
0880	Outfall Label	4011115	10.000	Ea
0890	_ Cured-In-Place Pipe Lining, 12 inch	4017001	100.000	Ft
0900	_ Cured-In-Place Pipe Lining, 24 inch	4017001	757.000	Ft
0910	_ Steel Casing Pipe, 36 inch, Jacked in Place, Modified	4017001	132.000	Ft
0920	_ Steel Casing Pipe, 42 inch, Jacked in Place, Modified	4017001	55.000	Ft
0930	_ Steel Casing Pipe, 48 inch, Jacked in Place, Modified	4017001	154.000	Ft
0940	Sewer, CI A, 12 inch, Tr Det A	4020004	190.000	Ft
0950	Sewer, CI A, 24 inch, Tr Det A	4020007	529.000	Ft
0960	Sewer, CI A, 30 inch, Tr Det A	4020008	349.000	Ft
0970	Sewer, CI A, 36 inch, Tr Det A	4020009	50.000	Ft
0980	Sewer, CI A, 48 inch, Tr Det A	4020011	230.000	Ft
0990	Sewer, CI A, 12 inch, Tr Det B	4020033	18,151.000	Ft
1000	Sewer, CI A, 18 inch, Tr Det B	4020035	6,077.000	Ft
1010	Sewer, CI A, 24 inch, Tr Det B	4020036	7,622.000	Ft
1020	Sewer, CI A, 30 inch, Tr Det B	4020037	1,269.000	Ft
1030	Sewer, CI A, 36 inch, Tr Det B	4020038	2,240.000	Ft
1040	Sewer, CI A, 42 inch, Tr Det B	4020039	193.000	Ft
1050	Sewer, CI A, 48 inch, Tr Det B	4020040	40.000	Ft
1060	Sewer, CI B, 18 inch, Tr Det B	4020185	162.000	Ft

1070	Sewer, CI B, 36 inch, Tr Det B	4020188	111.000	Ft
1080	Sewer, CI B, 48 inch, Tr Det B	4020190	166.000	Ft
1090	Sewer, CI C, 24 inch, Tr Det A	4020306	133.000	Ft
1100	Sewer, CI C, 48 inch, Tr Det B	4020340	270.000	Ft
1110	Sewer Tap, 12 inch	4021204	2.000	Ea
1120	Sewer Tap, 24 inch	4021207	2.000	Ea
1130	Sewer Bulkhead, 15 inch	4021231	2.000	Ea
1140	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
1150	Sewer Bulkhead, 24 inch	4021234	9.000	Ea
1160	Trench Undercut and Backfill	4021260	1,000.000	Cyd
1170	Video Taping Sewer and Culv Pipe	4021275	37,733.000	Ft
1180	_ Mine Water Discharge Treatment	4027051	1.000	LSUM
1190	Dr Structure Cover, Adj, Case 1, Modified	4030004	61.000	Ea
1200	Dr Structure Cover, Adj, Case 1	4030005	143.000	Ea
1210	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
1220	Dr Structure Cover, Type B	4030010	86.000	Ea
1230	Dr Structure Cover, Type CX	4030020	41.000	Ea
1240	Dr Structure Cover, Type D	4030025	2.000	Ea
1250	Dr Structure Cover, Type DX	4030030	135.000	Ea
1260	Dr Structure Cover, Type E	4030035	4.000	Ea
1270	Dr Structure Cover, Type K	4030050	59.000	Ea
1280	Dr Structure Cover, Type Q	4030065	5.000	Ea
1290	Dr Structure Cover, Type W	4030080	47.000	Ea
1300	Dr Structure Cover, Type V	4030085	38.000	Ea
1310	Dr Structure Cover, Type VG	4030090	178.000	Ea
1320	Dr Structure Lead, Cleaning, 12 inch	4030112	505.000	Ft
1330	Dr Structure, 48 inch dia	4030210	493.000	Ea
1340	Dr Structure, 60 inch dia	4030220	36.000	Ea
1350	Dr Structure, 72 inch dia	4030230	12.000	Ea
1360	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	197.000	Ft
1370	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	1.000	Ft
1380	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	76.000	Ft
1390	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	1.000	Ft
1400	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	31.000	Ft
1410	Dr Structure, Cleaning	4030290	17.000	Ea
1420	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
1430	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
1440	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
1450	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
1460	Dr Structure, Temp Lowering	4030390	258.000	Ea
1470	_ Sanitary Structure, Adj, Add Depth	4037001	49.000	Ft
1480	_ Dr Structure, Repr	4037050	40.000	Ea

1490	_ Sanitary Structure Cover, Adj, Case 1	4037050	1.000	Ea
1500	_ Structure Cover Weigh Down, Temp	4037050	225.000	Ea
1510	Underdrain, Bank, 6 inch	4040003	1,000.000	Ft
1520	Underdrain, Fdn, 6 inch	4040033	3,428.000	Ft
1530	Underdrain, Subbase, 6 inch	4040063	121,145.000	Ft
1540	Underdrain, Subgrade, 6 inch	4040073	4,000.000	Ft
1550	Underdrain Outlet, 6 inch	4040093	11,098.000	Ft
1560	Underdrain, Outlet Ending, 6 inch	4040113	157.000	Ea
1570	Pavt, Cleaning	5010001	1.000	LSUM
1580	Cold Milling HMA Surface	5010002	349,942.000	Syd
1590	Bump Grinding	5010004	300.000	Syd
1600	HMA Surface, Rem	5010005	249,805.000	Syd
1610	HMA Quality Initiative	5010007	531,252.000	Dlr
1620	Longitudinal Joint Density Quality Initiative	5010018	459,595.000	Dlr
1630	Pavt Joint and Crack Repr, Det 7	5010020	80,314.000	Ft
1640	Hand Patching	5010025	4,129.000	Ton
1650	HMA, 2E3	5010039	3,447.000	Ton
1660	HMA, 2E30	5010041	11,206.000	Ton
1670	HMA, 3E3	5010045	36,491.000	Ton
1680	HMA, 4E3	5010051	24,220.000	Ton
1690	HMA, 4E30	5010053	29,325.000	Ton
1700	HMA, 5E3	5010057	25,972.000	Ton
1710	HMA, 5E30	5010059	19,147.000	Ton
1720	HMA Approach	5010061	758.000	Ton
1730	HMA, 5E3, High Stress	5010515	844.000	Ton
1740	HMA Approach, High Stress	5010520	2,791.000	Ton
1750	_ HMA Separator Layer	5017031	1,098.000	Ton
1760	_ Pavt Repr, Special	5017060	50,000.000	Dlr
1770	Conc Base Cse, Nonreinf, 6 inch	6020015	255.000	Syd
1780	Conc Pavt, Misc, Nonreinf, 7 inch	6020052	50.000	Syd
1790	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	1,900.000	Syd
1800	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	8,382.000	Syd
1810	Joint, Contraction, Cp	6020200	14,292.000	Ft
1820	Joint, Contraction, C3p	6020201	12,505.000	Ft
1830	Joint, Expansion, E2	6020207	404.000	Ft
1840	Joint, Expansion, E3	6020208	418.000	Ft
1850	Joint, Expansion, E4	6020209	208.000	Ft
1860	Joint, Contraction Cp, Intersection	6020250	3,172.000	Ft
1870	Joint, Expansion E2, Intersection	6020270	485.000	Ft
1880	Joint, Plane-of-Weakness W, Intersection	6020310	40.000	Ft
1890	Conc Quality Initiative	6020401	191,690.000	Dlr
1900	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	7,270.000	Syd
1910	Conc Pavt, Misc, Nonreinf, 8 1/2 inch, High Performance	6020513	9,005.000	Syd
1920	Conc Pavt, Misc, Nonreinf, 13 inch, High Performance	6020522	25,341.000	Syd

1930	Shoulder, Nonreinf Conc, High Performance	6020524	3,246.000	Syd
1940	Conc Pavt, Bridge Approach, Reinf	6020600	943.000	Syd
1950	_ Joint, Contraction, Cp, Special	6027001	4,420.000	Ft
1960	_ Conc Base Cse, Nonreinf, 12 inch	6027011	16,191.000	Syd
1970	_ Conc Base Cse, Nonreinf, 9 inch, Special	6027011	6,870.000	Syd
1980	_ Conc Pavt, Continuously Reinf, 13 inch, High Performance	6027011	29,626.000	Syd
1990	_ Conc Pavt, Decorative, Nonreinf, 4 inch	6027011	899.000	Syd
2000	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	948.000	Syd
2010	_ Continuously Reinf Conc Sleeper Slab	6027011	161.000	Syd
2020	_ Transition Panel, 13 inch, High Performance	6027011	519.000	Syd
2030	Cement	6030005	114.000	Ton
2040	Joint, Contraction, Crg	6030020	19,248.000	Ft
2050	Lane Tie, Epoxy Anchored	6030030	16,219.000	Ea
2060	Non-Chloride Accelerator	6030035	1,806.000	Gal
2070	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,581.000	Syd
2080	Pavt Repr, Nonreinf Conc, 13 inch	6030053	2,498.000	Syd
2090	Pavt Repr, Rem	6030080	4,208.000	Syd
2100	_ High Performance Biaxial Geogrid	7007011	2,000.000	Syd
2110	Conc, Grade S2	7060011	4.000	Cyd
2120	Reinforcement, Steel, Culv and Headwall	7060091	130.000	Lb
2130	Reflective Marker, Permanent Barrier	7110003	1,822.000	Ea
2140	_ Grout Hole Drilling, Angle Holes	8007001	431.000	Ft
2150	_ Grout Hole Drilling, Vertical	8007001	32,653.000	Ft
2160	_ Observation Hole Drilling	8007001	500.000	Ft
2170	_ Sanitary Sewer, PVC, 8 inch, Tr Det F	8007001	380.000	Ft
2180	_ Sanitary Sewer, PVC, 8 inch, Tr Det G	8007001	411.000	Ft
2190	_ Sewer Cleanout	8007001	100.000	Ft
2200	_ Verification Hole Drilling	8007001	500.000	Ft
2210	_ High Mobility Grouting	8007021	4,302.000	Cyd
2220	_ Low Mobility Grouting	8007021	2,381.000	Cyd
2230	_ Medium Mobility Grouting	8007021	2,931.000	Cyd
2240	_ Cable Modem, Integrate	8007050	1.000	Ea
2250	_ Field Security Appliance	8007050	1.000	Ea
2260	_ Grout Strength Verification Testing	8007050	50.000	Ea
2270	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
2280	_ Portable Non-Intrusive Traffic Sensors	8007050	25.000	Ea
2290	_ Portable Non-Intrusive Traffic Sensors,Relocate	8007050	25.000	Ea
2300	_ Sanitary Sewer Lead	8007050	56.000	Ea
2310	_ Sanitary Structure, 60 inch dia	8007050	5.000	Ea
2320	_ Sanitary Structure, Rem	8007050	2.000	Ea
2330	_ Access Road	8007051	1.000	LSUM
2340	_ Bypass Pumping	8007051	1.000	LSUM
2350	_ Central Computer	8007051	1.000	LSUM
2360	_ Grouting Equipment, Furn	8007051	1.000	LSUM

2370	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
2380	_ Mine Water Pumping and Conveyance Equipment, Furn	8007051	1.000	LSUM
2390	_ Stopped Traf Advisory System	8007051	1.000	LSUM
2400	_ Vibrating Wire Piezometer, Installation and Monitoring	8007051	1.000	LSUM
2410	_ Mine Water Collection, Conveyance and Discharge	8007052	1,100.000	Unit
2420	_ Cable Internet Co. (Est Cost to Contractor)	8007060	8,000.000	Dlr
2430	Driveway, Nonreinf Conc, 6 inch	8010005	148.000	Syd
2440	Driveway, Nonreinf Conc, 8 inch	8010007	233.000	Syd
2450	Curb, Conc, Det E1	8020001	370.000	Ft
2460	Curb, Conc, Det E2	8020002	34.000	Ft
2470	Curb, Conc, Det G1	8020005	9,046.000	Ft
2480	Curb and Gutter, Bridge Approach	8020010	169.000	Ft
2490	Curb and Gutter, Conc, Det D1	8020030	2,581.000	Ft
2500	Curb and Gutter, Conc, Det D2	8020031	5,661.000	Ft
2510	Curb and Gutter, Conc, Det F1	8020035	163.000	Ft
2520	Curb and Gutter, Conc, Det F2	8020036	928.000	Ft
2530	Curb and Gutter, Conc, Det F3	8020037	5,173.000	Ft
2540	Curb and Gutter, Conc, Det F4	8020038	1,614.000	Ft
2550	Curb and Gutter, Conc, Det F5	8020039	69.000	Ft
2560	Driveway Opening, Conc, Det M	8020050	356.000	Ft
2570	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
2580	Valley Gutter, Conc	8020060	30,346.000	Ft
2590	Spillway, Conc	8020075	10.000	Ft
2600	_ Curb and Gutter, Conc, Det D1, Modified	8027001	598.000	Ft
2610	_ Curb and Gutter, Conc, Det F3, Modified	8027001	1,203.000	Ft
2620	_ Curb, Conc, Det G1, Modified	8027001	922.000	Ft
2630	_ Curb, Conc, Det G2, Modified	8027001	5,353.000	Ft
2640	_ Valley Gutter, Conc, Modified	8027001	9,065.000	Ft
2650	Detectable Warning Surface	8030010	52.000	Ft
2660	Curb Ramp Opening, Conc	8030030	513.000	Ft
2670	Sidewalk Ramp, Conc, 4 inch	8030034	812.000	Sft
2680	Sidewalk Ramp, Conc, 6 inch	8030036	5,818.000	Sft
2690	Sidewalk, Conc, 4 inch	8030044	18,136.000	Sft
2700	Sidewalk, Conc, 6 inch	8030046	285.000	Sft
2710	_ Detectable Warning Surface, Cast Iron	8037001	307.000	Ft
2720	_ Sidewalk, Conc, 8 inch	8037010	508.000	Sft
2730	Conc Barrier, Single Face, Type A	8040001	2,668.000	Ft
2740	Glare Screen, Conc	8040015	35,476.000	Ft
2750	Glare Screen, Conc, Split	8040016	488.000	Ft
2760	Conc Barrier Backfill, CIP	8040030	246.000	Cyd
2770	_ Conc Barrier, Double Face, Type B, Modified, 0.5-1.5 Feet	8047001	690.000	Ft
2780	_ Conc Barrier, Double Face, Type B, Modified, 0-0.5 Feet	8047001	31,846.000	Ft

2790	_ Conc Barrier, Double Face, Type B, Modified, 1.5-3 Feet	8047001	1,643.000	Ft
2800	_ Conc Barrier, Split, Type A, Special	8047001	245.000	Ft
2810	_ Conc Barrier, Split, Type B, Special	8047001	138.000	Ft
2820	Guardrail, Type MGS-8	8070004	14,275.000	Ft
2830	Guardrail, Type T, Temp	8070007	350.000	Ft
2840	Guardrail, Type MGS-8D	8070009	11,316.000	Ft
2850	Guardrail, Curved, Type B	8070010	172.000	Ft
2860	Guardrail Anch, Bridge, Det T1	8070022	19.000	Ea
2870	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
2880	Guardrail Anch, Median	8070035	6.000	Ea
2890	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
2900	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
2910	Guardrail Approach Terminal, Type 2B	8070042	35.000	Ea
2920	Guardrail Departing Terminal, Type MGS	8070052	15.000	Ea
2930	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
2940	Guardrail Reflector	8070080	497.000	Ea
2950	Fence, Woven Wire with Wood Post	8080001	5,318.000	Ft
2960	Fence, Woven Wire with Steel Post	8080002	56,423.000	Ft
2970	Fence, Protective	8080007	1,127.000	Ft
2980	Fence, Chain Link, 72 inch	8080013	1,816.000	Ft
2990	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	4.000	Ea
3000	_ Fence, Chain Link, 60 inch, Vinyl Coated	8087001	843.000	Ft
3010	Field Office, CI 3	8090003	12.000	Mo
3020	Field Office, Utility Fees	8090010	3,000.000	Dlr
3030	Bridge Sign Connection, Bolt Replacement	8100020	18.000	Ea
3040	Bridge Sign Connection, Conc, Type U	8100046	1.000	Ea
3050	Bridge Sign Connection, Steel, Type F	8100065	4.000	Ea
3060	Bridge Sign Connection, Steel, Type G	8100066	2.000	Ea
3070	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
3080	Bridge Sign Connection, Type C, Rem	8100082	3.000	Ea
3090	Bridge Sign Connection, Type F, Rem	8100085	5.000	Ea
3100	Cantilever, Rem	8100090	4.000	Ea
3110	Cantilever, Type E	8100104	2.000	Ea
3120	Cantilever, Type J	8100110	1.000	Ea
3130	Column, Breakaway, W8 x 13	8100120	36.000	Ea
3140	Column, Breakaway, W8 x 18	8100121	10.000	Ea
3150	Delineator Reflector, Red	8100131	205.000	Ea
3160	Delineator Reflector, Yellow	8100132	3.000	Ea
3170	Delineator Reflector, Green	8100133	172.000	Ea
3180	Delineator Reflector, White	8100134	608.000	Ea
3190	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	22.000	Ea
3200	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	27.000	Ea
3210	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	72.000	Ea

3220	Fdn, Breakaway, W8 x 13	8100160	36.000	Ea
3230	Fdn, Breakaway, W8 x 18	8100161	10.000	Ea
3240	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	53.000	Ft
3250	Fdn, Cantilever Sign Structure Type J, 48 inch Dia, Cased	8100178	38.000	Ft
3260	Fdn, Cantilever, Rem	8100190	4.000	Ea
3270	Fdn, Column Breakaway, Rem	8100220	46.000	Ea
3280	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	111.000	Ft
3290	Fdn, Wood Support, Rem	8100280	173.000	Ea
3300	Installing MDOT Supplied Sign, Type I	8100300	2.000	Ea
3310	Installing MDOT Supplied Sign, Type III	8100302	20.000	Ea
3320	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	26.000	Ea
3330	Perforated Steel Square Tube Breakaway System	8100330	54.000	Ea
3340	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	32.000	Ea
3350	Delineator, Rem	8100349	871.000	Ea
3360	Post, Flexible, Delineator	8100360	88.000	Ea
3370	Post, Rigid, Delineator	8100361	783.000	Ea
3380	Post, Steel, 3 lb	8100371	7,227.000	Ft
3390	Post, Wood, 4 inch by 6 inch	8100380	1,594.000	Ft
3400	Post, Wood, 6 inch by 8 inch	8100382	1,680.000	Ft
3410	Sign, Type I, Erect, Salv	8100390	2.000	Ea
3420	Sign, Type I, Rem	8100391	71.000	Ea
3430	Sign, Type IA	8100392	6,317.000	Sft
3440	Sign, Type IB	8100393	617.000	Sft
3450	Sign, Type II, Erect, Salv	8100396	2.000	Ea
3460	Sign, Type II, Rem	8100397	228.000	Ea
3470	Sign, Type IIA	8100398	1,474.000	Sft
3480	Sign, Type IIB	8100399	843.000	Sft
3490	Sign, Type III, Erect, Salv	8100402	13.000	Ea
3500	Sign, Type III, Rem	8100403	529.000	Ea
3510	Sign, Type IIIA	8100404	1,141.000	Sft
3520	Sign, Type IIIB	8100405	1,533.000	Sft
3530	Sign, Type VA	8100424	195.000	Sft
3540	Sign, Type VB	8100425	812.000	Sft
3550	Truss, Type E, 90 foot	8100492	1.000	Ea
3560	Reflective Panel for Permanent Sign Support, 3 foot	8100613	66.000	Ea
3570	Reflective Panel for Permanent Sign Support, 6 foot	8100616	105.000	Ea
3580	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	65.000	Ft
3590	Pavt Mrkg, Polyurea, 4 inch, White	8110091	416.000	Ft
3600	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,115.000	Ft
3610	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	802.000	Ft
3620	Pavt Mrkg, Polyurea, 6 inch, White	8110094	8,201.000	Ft
3630	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	2,111.000	Ft

3640	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
3650	Pavt Mrkg, Polyurea, Yield	8110103	6.000	Ea
3660	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	46.000	Ft
3670	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	253.000	Ft
3680	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	178.000	Ft
3690	Pavt Mrkg, Polyurea, 12 inch, White	8110111	108.000	Ft
3700	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	492.000	Ft
3710	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,483.000	Ft
3720	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	29,908.000	Ft
3730	Pavt Mrkg, Waterborne, 6 inch, White	8110233	478.000	Ft
3740	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,483.000	Ft
3750	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	29,908.000	Ft
3760	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	478.000	Ft
3770	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	59,500.000	Ft
3780	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
3790	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	5.000	Ea
3800	Pavt Mrkg, Polyurea, Lt & Rt Turn Arrow Sym	8110404	2.000	Ea
3810	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	14.000	Ea
3820	Pavt Mrkg, Polyurea, Only	8110410	20.000	Ea
3830	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
3840	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
3850	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
3860	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
3870	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
3880	Recessing Pavt Mrkg, Longit	8110450	298,014.000	Ft
3890	Recessing Pavt Mrkg, Transv	8110451	1,847.000	Sft
3900	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	53,880.000	Ft
3910	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	223,810.000	Ft
3920	Pavt Mrkg, Wet Retrflec Waterborne, 8 inch, White	8110482	35.000	Ft
3930	Pavt Mrkg, Wet Retrflec Waterborne, 12 inch, White	8110483	44,770.000	Ft
3940	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	6,120.000	Ft
3950	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, Yellow	8110485	217,660.000	Ft
3960	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	25,658.000	Ft
3970	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	156,428.000	Ft
3980	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	19,650.000	Ft
3990	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	113,224.000	Ft
4000	_ Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8117001	2,315.000	Ft
4010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	165.000	Ea
4020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	165.000	Ea
4030	Channelizing Device, 42 inch, Furn	8120030	540.000	Ea
4040	Channelizing Device, 42 inch, Oper	8120031	540.000	Ea
4050	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea

4060	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
4070	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	17.000	Ea
4080	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea
4090	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
4100	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
4110	Conc Barrier, Temp, Adj	8120080	102,795.000	Ft
4120	Conc Barrier, Temp, Furn	8120081	59,407.000	Ft
4130	Conc Barrier, Temp, Oper	8120082	59,407.000	Ft
4140	Conc Barrier, Temp, Relocated	8120083	57,501.000	Ft
4150	High Intensity Light, Type B, Furn	8120110	19.000	Ea
4160	High Intensity Light, Type B, Oper	8120111	19.000	Ea
4170	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
4180	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
4190	Ltg for Night Work	8120160	1.000	LSUM
4200	Minor Traf Devices	8120170	1.000	LSUM
4210	Mobile Attenuator	8120180	6.000	Ea
4220	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	296,350.000	Ft
4230	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	44,770.000	Ft
4240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	30,780.000	Ft
4250	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	201,960.000	Ft
4260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,146,180.000	Ft
4270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	565,530.000	Ft
4280	Plastic Drum, High Intensity, Furn	8120250	1,340.000	Ea
4290	Plastic Drum, High Intensity, Oper	8120251	1,340.000	Ea
4300	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	190.000	Ft
4310	PTS System, Temp, Furn	8120270	2.000	Ea
4320	PTS System, Temp, Oper	8120271	2.000	Ea
4330	Sign Cover	8120310	200.000	Ea
4340	Sign Cover, Type 1	8120320	30.000	Ea
4350	Sign, Type A, Temp, Prismatic, Furn	8120340	1,550.000	Sft
4360	Sign, Type A, Temp, Prismatic, Oper	8120341	1,550.000	Sft
4370	Sign, Type B, Temp, Prismatic, Furn	8120350	14,220.000	Sft
4380	Sign, Type B, Temp, Prismatic, Oper	8120351	14,220.000	Sft
4390	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	4,520.000	Sft
4400	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	4,520.000	Sft
4410	Traf Regulator Control	8120370	1.000	LSUM
4420	_ Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8127001	718.000	Ft
4430	_ Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8127001	718.000	Ft
4440	_ Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8127001	100.000	Ft
4450	_ Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8127001	100.000	Ft
4460	_ Conc Barrier, Temp, Limited Deflection, Det 4B, Furn	8127001	443.000	Ft
4470	_ Conc Barrier, Temp, Limited Deflection, Det 4B, Oper	8127001	443.000	Ft

4480	_ Glare Screen, Temp	8127001	10,000.000	Ft
4490	_ Glare Screen, Temp, Relocated	8127001	10,000.000	Ft
4500	_ Pedestrian Type II Channelizer, Temp	8127001	100.000	Ft
4510	_ Temp Rumble Strips (Orange)	8127001	1,296.000	Ft
4520	_ Barrier Gate, Temp, Furn	8127050	3.000	Ea
4530	_ Barrier Gate, Temp, Open/Close	8127050	5.000	Ea
4540	_ Barrier Gate, Temp, Oper	8127050	3.000	Ea
4550	_ Conc Barrier, Temp, Limited Deflection, Reflector Replacment	8127050	30.000	Ea
4560	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	50.000	Ea
4570	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	50.000	Ea
4580	_ Delineator, Flexible, Temp, Furn	8127050	750.000	Ea
4590	_ Delineator, Flexible, Temp, Oper	8127050	750.000	Ea
4600	_ Glare Screen, Temp, Complete Section, Replaced	8127050	10.000	Ea
4610	_ Pedestrian Type II Barricade, Temp	8127050	12.000	Ea
4620	_ Sign, Portable, Changeable Message,NTCIP- Compliant, Furn	8127050	42.000	Ea
4630	_ Sign, Portable, Changeable Message,NTCIP- Compliant, Oper	8127050	42.000	Ea
4640	_ Tubular Marker	8127050	90.000	Ea
4650	_ Tubular Marker, Replacement	8127050	30.000	Ea
4660	Riprap, Plain	8130010	180.000	Syd
4670	Riprap, Plain, LM	8130012	750.000	Cyd
4680	Ditch, Plain Cobble	8140005	436.000	Syd
4690	Site Preparation, Max \$10,970.00	8150001	1.000	LSUM
4700	Watering and Cultivating, First Season, Min \$6,210.00	8150002	1.000	LSUM
4710	Watering and Cultivating, Second Season, Min \$7,670.00	8150003	1.000	LSUM
4720	Crataegus viridis Winter King, 1 1/2 inch	8151175	12.000	Ea
4730	Forsythia x intermedia Courtasol, #5 cont.	8151492	24.000	Ea
4740	Forsythia x intermedia Lynwood Gold, #5 cont.	8151494	48.000	Ea
4750	Picea abies, 6 foot	8152742	24.000	Ea
4760	Picea glauca Densata, 4 foot	8152754	24.000	Ea
4770	Ulmus x Homestead, 1 1/2 inch	8153958	24.000	Ea
4780	Ulmus x Pioneer, 1 1/2 inch	8153961	24.000	Ea
4790	Viburnum dentatum, #5 cont.	8154042	48.000	Ea
4800	_ Limestone Cap	8157001	266.000	Ft
4810	_ Prepared Soil	8157021	330.000	Cyd
4820	Mulch	8160025	24,200.000	Syd
4830	Mulch Anchoring	8160026	24,200.000	Syd
4840	Seeding, Mixture TSM	8160041	500.000	Lb
4850	Slope Restoration, Type A	8160100	87,020.000	Syd
4860	Slope Restoration, Type B	8160101	110,560.000	Syd
4870	Slope Restoration, Type C	8160102	65,040.000	Syd
4880	Slope Restoration, Type D	8160103	4,080.000	Syd
4890	_ Detention Seed Mixture, Custom	8167011	11,444.000	Syd

4900	_ Slope Restoration, Bonded Fiber Matrix	8167011	13,057.000	Syd
4910	Cable, Sec, Rem	8190017	20.000	Ft
4920	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
4930	Conduit, DB, 2, 3 inch	8190032	10.000	Ft
4940	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
4950	Conduit, Schedule 80 PVC, 2 inch	8190157	665.000	Ft
4960	Conduit, Schedule 80 PVC, 3 inch	8190159	3,665.000	Ft
4970	Conduit, Schedule 80 PVC, 4 inch	8190161	276.000	Ft
4980	DB Cable, in Conduit, 600V, 1/C#6	8190211	12,485.000	Ft
4990	DB Cable, in Conduit, 600V, 1/C#8	8190212	13,490.000	Ft
5000	DB Cable, in Conduit, 600V, 1/C#10	8190213	2,480.000	Ft
5010	Cable, Equipment Grounding Wire, 1/C#6	8190236	4,630.000	Ft
5020	Cable, Equipment Grounding Wire, 1/C#8	8190237	6,545.000	Ft
5030	Cable, Equipment Grounding Wire, 1/C#10	8190238	1,240.000	Ft
5040	Hh, Heavy Duty Cover	8190246	38.000	Ea
5050	Hh, Type D	8190262	1.000	Ea
5060	Light Std Arm, 6 foot	8190265	31.000	Ea
5070	Light Std Fdn	8190279	31.000	Ea
5080	Light Std, Frangible Transformer Base	8190281	31.000	Ea
5090	Light Std Shaft, 30 foot or less	8190285	31.000	Ea
5100	Cable, Sec, 600V, 1, 3/C#6	8190399	20.000	Ft
5110	Cable, Sec, 600V, 3, 1/C#6	8190407	190.000	Ft
5120	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
5130	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
5140	Wood Pole, Rem	8190505	4.000	Ea
5150	Conduit, Directional Bore, 1, 3 inch	8190602	170.000	Ft
5160	_ Electrical Service, M-106, Ramp D	8197050	1.000	Ea
5170	_ Electrical Service, Rosehill Road	8197050	1.000	Ea
5180	_ Hh, Round, Elec	8197050	2.000	Ea
5190	_ Lighting Control Panel	8197050	2.000	Ea
5200	_ Luminaire, Bridge Facia Lighting	8197050	1.000	Ea
5210	_ Luminaire, Roadway	8197050	31.000	Ea
5220	_ Luminaire, Signage Lighting	8197050	2.000	Ea
5230	Controller and Cabinet, Rem	8200030	1.000	Ea
5240	Controller and Cabinet, Digital Type	8200031	1.000	Ea
5250	Power Co. (Est. Cost to Contractor)	8200116	1,650.000	Dlr
5260	Serv Disconnect	8200135	1.000	Ea
5270	Serv Disconnect, Rem	8200136	1.000	Ea
5280	Span Wire	8200140	4.000	Ea
5290	Span Wire, Rem	8200141	4.000	Ea
5300	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
5310	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
5320	Wireless Intercn, Sign Mtd Flasher, Rem	8200496	4.000	Ea
5330	Wireless Intercn, Sign Mtd Flasher, Salv	8200497	4.000	Ea
5340	_ ITS Cabinet, Ground Mtd	8207050	1.000	Ea

5350	Monument Box	8210001	7.000	Ea
5360	Protect Corners	8210020	16.000	Ea
5370	Shoulder Corrugations, Ground or Cut, Conc	8220000	4,350.000	Ft
5380	Shoulder Corrugations, Ground or Cut, HMA	8220001	86,038.000	Ft
5390	Fire Hydrant	8230040	1.000	Ea
5400	Gate Valve and Box, 6 inch	8230051	1.000	Ea
5410	Gate Valve and Box, 8 inch	8230052	4.000	Ea
5420	Hydrant, Rem	8230091	2.000	Ea
5430	Water Main, DI, 6 inch, Tr Det F	8230150	5.000	Ft
5440	Water Main, DI, 8 inch, Tr Det F	8230155	375.000	Ft
5450	Water Main, DI, 8 inch, Tr Det G	8230156	197.000	Ft
5460	Water Serv, Long	8230245	2.000	Ea
5470	Gate Box, Adj, Temp, Case 1	8230391	32.000	Ea
5480	Water Shutoff, Adj, Case 1	8230421	4.000	Ea
5490	Gate Box, Adj, Case 1	8230431	17.000	Ea
5500	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	310.000	Ft
5510	_ Water Service, Irrigation	8237001	192.000	Ft
5520	_ Gate Valve and Box, 4 inch, Irrigation	8237050	2.000	Ea
5530	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
5540	Lightning Protection, Pole	8260021	1.000	Ea
5550	Microwave Vehicle Detection System	8260040	1.000	Ea
5560	Managed Field Ethernet Switch, Layer 2	8260080	1.000	Ea
5570	Power Serv, Underground, 30A, 120/240V	8260100	1.000	Ea
5580	Uninterruptible Power Supply, ITS Cabinet	8260140	1.000	Ea
5590	Flowable Fill, Non-Structural	8260148	64.000	Cyd
5600	Flowable Fill, Spun Pole Fdn	8260149	3.000	Cyd
5610	Spun Conc Pole, Type A	8260152	1.000	Ea
5620	Drilled Shaft and Conc Skirt, Cased	8260155	1.000	Ea
5630	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
5640	System Integration and Testing	8260160	1.000	LSUM

Section: 2

5650	Structures, Rem Portions (R01 of 38101)	2040061	1.000	LSUM
5660	Structures, Rem Portions (S08-1 of 38101)	2040061	1.000	LSUM
5670	Structures, Rem Portions (S08-2 of 38101)	2040061	1.000	LSUM
5680	Backfill, Structure, CIP	2060002	12,760.000	Cyd
5690	Excavation, Fdn	2060010	23,100.000	Cyd
5700	Erosion Control, Filter Bag	2080014	8.000	Ea
5710	Erosion Control, Turbidity Curtain, Deep	2080042	440.000	Ft
5720	_ Aggregate Base, 38 inch	3027011	166.000	Syd
5730	_ Aggregate Base, 46 inch	3027011	1,035.000	Syd
5740	_ Aggregate Base, 52 inch	3027011	375.000	Syd
5750	Sewer Tap, 4 inch	4021200	2.000	Ea
5760	_ Dewatering System for Contaminated Groundwater, Cofferdam	4027050	4.000	Ea

5770	Underdrain, Fdn, 4 inch	4040031	780.000	Ft
5780	Underdrain Outlet, 4 inch	4040091	202.000	Ft
5790	Underdrain, Outlet Ending, 4 inch	4040111	10.000	Ea
5800	_ Conc Base Cse, Reinf, Modified	6027021	100.000	Cyd
5810	_ Conc, Grade X	6027021	50.000	Cyd
5820	Cofferdams, Left in Place	7040009	1.000	LSUM
5830	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	500.000	Sft
5840	_ Steel Sheet Piling, Temp, Special	7047010	67,800.000	Sft
5850	_ Cofferdam, Left in Place, Special (R01-3 of 38101)	7047051	1.000	LSUM
5860	_ Cofferdam, Left in Place, Special (R01-4 of 38101)	7047051	1.000	LSUM
5870	Pile Driving Equipment, Furn (R01-3 of 38101)	7050002	1.000	LSUM
5880	Pile Driving Equipment, Furn (R01-4 of 38101)	7050002	1.000	LSUM
5890	Pile, Steel, Furn and Driven, 14 inch	7050034	8,560.000	Ft
5900	Test Pile, Steel, 14 inch	7050035	16.000	Ea
5910	Pile Point, Steel	7050039	217.000	Ea
5920	Pile, Steel, Splice	7050050	10.000	Ea
5930	Bridge Ltg, Furn and Rem (R01-3 of 38101)	7060001	1.000	LSUM
5940	Bridge Ltg, Furn and Rem (R01-4 of 38101)	7060001	1.000	LSUM
5950	Bridge Ltg, Furn and Rem (S08 of 38101)	7060001	1.000	LSUM
5960	Bridge Ltg, Oper and Maintain	7060002	4,253.000	Cyd
5970	Conc, Grade T	7060013	705.000	Cyd
5980	Elec Grounding System	7060040	2.000	Ea
5990	Expansion Joint Device	7060050	570.000	Ft
6000	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
6010	False Decking	7060060	67,710.000	Sft
6020	Reinforcement, Steel, Epoxy Coated	7060092	1,307,342.000	Lb
6030	Substructure Conc	7060100	122.000	Cyd
6040	Substructure Conc, High Performance	7060101	4,586.000	Cyd
6050	Superstructure Conc, Form, Finish, and Cure (R01-3 of 38101)	7060111	1.000	LSUM
6060	Superstructure Conc, Form, Finish, and Cure (R01-4 of 38101)	7060111	1.000	LSUM
6070	Superstructure Conc, Form, Finish, and Cure (S08 of 38101)	7060111	1.000	LSUM
6080	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-3 of 38101)	7060112	1.000	LSUM
6090	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01-4 of 38101)	7060112	1.000	LSUM
6100	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 38101)	7060112	1.000	LSUM
6110	Superstructure Conc, High Performance	7060116	618.000	Cyd
6120	Superstructure Conc, Night Casting, High Performance	7060117	4,253.000	Cyd
6130	_ Simulated Stone Masonry	7067011	960.000	Syd
6140	_ Texturing Conc	7067011	23.000	Syd
6150	_ Precast Conc Sign	7067050	2.000	Ea
6160	Bearing, Elastomeric, 2 1/4 inch	7070017	24,476.000	Sin

6170	Bearing, Elastomeric, 2 1/2 inch	7070018	5,980.000	Sin
6180	Bearing, Elastomeric, 2 3/4 inch	7070019	38,025.000	Sin
6190	Structural Steel, Mixed, Erect	7070050	6,104.000	Lb
6200	Structural Steel, Mixed, Furn and Fab	7070051	6,104.000	Lb
6210	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	48,640.000	Lb
6220	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	48,640.000	Lb
6230	Prest Conc 1800 Beam, Furn	7080101	14,139.000	Ft
6240	Prest Conc 1800 Beam, Erect	7080102	14,139.000	Ft
6250	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	1,249.000	Ft
6260	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	1,249.000	Ft
6270	Joint Waterproofing	7100001	1,186.000	Sft
6280	Joint Waterproofing, Expansion	7100003	597.000	Sft
6290	Conc Surface Coating, Warranty (R01-3 of 38101)	7100009	1.000	LSUM
6300	Conc Surface Coating, Warranty (R01-4 of 38101)	7100009	1.000	LSUM
6310	Conc Surface Coating, Warranty (S08 of 38101)	7100009	1.000	LSUM
6320	Substructure Horizontal Surface Sealer R01-3 of 38101	7100030	32.000	Syd
6330	Substructure Horizontal Surface Sealer R01-4 of 38101	7100030	32.000	Syd
6340	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	199.000	Ft
6350	Bridge Barrier Railing, Type 4, High Performance	7110015	3,084.000	Ft
6360	_ Bridge Railing, Aesthetic Parapet, High Performance	7117001	508.000	Ft
6370	Reinforcement, Mechanical Splice	7120084	77.000	Ea
6380	_ Bridge Deck Repr, Special	7127060	30,000.000	Dlr
6390	_ PVC Liner for Expanded Polystyrene Block	8007011	375.000	Syd
6400	_ Backfill, Expanded Polystyrene Block	8007021	1,900.000	Cyd
6410	_ Micropile, Load Test, Proof, LRFD	8007050	7.000	Ea
6420	_ Micropile, Load Test, Verification, LRFD	8007050	3.000	Ea
6430	_ Micropile, Type A, Furn and Install, LRFD	8007050	180.000	Ea
6440	_ Anti-Graffiti Coating System	8007051	1.000	LSUM
6450	_ Micropile Equipment, Furn, LRFD (R01-3 of 38101)	8007051	1.000	LSUM
6460	_ Micropile Equipment, Furn, LRFD (R01-4 of 38101)	8007051	1.000	LSUM
6470	_ Monitoring Structure	8007051	1.000	LSUM
6480	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
6490	_ Fence, Structure, Special	8087001	504.000	Ft
6500	Riprap, Plain	8130011	8,355.000	Ton
6510	Conduit, Schedule 80 PVC, 2 inch, Structure	8190177	268.000	Ft
6520	_ Railroad Inspection and Flagging	8507060	700,000.000	Dlr
6530	_ Railroad Protection	8507060	100,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 180601 032

Letting Date: June 1, 2018

Contract ID: 50000-202773

Description: 3.70 mi of concrete pavement milling, joint repair, hot mix asphalt overlay, drainage structures, concrete curb, gutter, sidewalk and ramps, and pavement markings on Mound Road from 14 Mile Road to 18 Mile Road, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202773A	1800729	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,140,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	37,524.000	Ft
0030	Sidewalk, Rem	2040055	848.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	354.000	Ea
0050	_ Aggregate Base Repair, Modified	3027031	400.000	Ton
0060	Dr Structure Cover, Type B	4030010	34.000	Ea
0070	Dr Structure Cover, Type D	4030025	24.000	Ea
0080	Dr Structure Cover, Type J	4030045	22.000	Ea
0090	Dr Structure Cover, Type K	4030050	226.000	Ea
0100	Dr Structure Cover, Type Q	4030065	48.000	Ea
0110	Dr Structure, Cleaning	4030290	356.000	Ea
0120	Dr Structure, Temp Lowering	4030390	356.000	Ea
0130	_ Dr Structure, Adj, Add Depth, Modified	4037001	177.000	Ft
0140	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	356.000	Ea
0150	_ Dr Structure Cover, Type B, Modified	4037050	2.000	Ea
0160	_ External Structure Wrap, Modified	4037050	48.000	Ea
0170	Pavt Joint and Crack Repr, Det 7	5010020	225,198.000	Ft
0180	_ Cold Milling Existing Pavement, 3 inch Deep, Modified	5017011	246,000.000	Syd
0190	_ Hand Patching, Modified	5017031	4,163.000	Ton
0200	_ HMA Approach, Modified	5017031	8,458.000	Ton
0210	_ HMA, 5E10, High Stress, Modified	5017031	32,397.000	Ton
0220	Lane Tie, Epoxy Anchored	6030030	16,283.000	Ea
0230	_ Expansion Joint Filler, 1 inch x 10 inch, Modified	6037001	500.000	Ft
0240	_ Expansion Joint Filler, 1 inch x 7 inch, Modified	6037001	5,400.000	Ft
0250	_ Pavt Repr, Nonreinf Conc, 10 inch, Modified	6037011	500.000	Syd
0260	_ Pavt Repr, Nonreinf Conc, 7 inch, Modified	6037011	1,500.000	Syd
0270	_ Pavt Repr, Rem, Modified	6037011	2,000.000	Syd

0280	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,200.000	Ft
0290	_ Curb and Gutter, Conc, Det F4, Modified	8027001	30,401.000	Ft
0300	_ Driveway Opening, Conc, Det M, Modified	8027001	5,923.000	Ft
0310	Curb Ramp Opening, Conc	8030030	450.000	Ft
0320	_ Sidewalk Ramp, ADA, Modified	8037010	4,720.000	Sft
0330	_ Sidewalk, Conc, 4 inch, Modified	8037010	2,900.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	3,332.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,334.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	14.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	14.000	Ea
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	42,808.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,000.000	Ft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	140.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	140.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	17.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	17.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	8,447.000	Ft
0460	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	454.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	33,368.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,000.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,447.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	486.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	1,495.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	1,495.000	Ea
0530	Sign, Portable, Changeable Message, Furn	8120330	8.000	Ea
0540	Sign, Portable, Changeable Message, Oper	8120331	8.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	2,464.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	2,464.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	708.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	708.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Turf Establishment, Modified	8167011	17,021.000	Syd
0610	Monument Box Adjust	8210005	3.000	Ea
0620	Monument Preservation	8210010	3.000	Ea
0630	Water Shutoff, Adj, Case 1	8230421	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 033

Letting Date: June 1, 2018

Contract ID: 38609-130917

Description: 0.71 mi of hot mix asphalt shared use path along Rives Junction Road from north of Clinton Road (M-50) to the north township line of Blackman Charter Township, Jackson County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130917A	1800687	N/A	HSIP 38609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,500.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	18.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	23.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Curb and Gutter, Rem	2040020	40.000	Ft
0070	Pavt, Rem	2040050	146.000	Syd
0080	Embankment, CIP	2050010	16.000	Cyd
0090	Excavation, Earth	2050016	24.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	80.000	Cyd
0110	Erosion Control, Silt Fence	2080036	1,927.000	Ft
0120	Aggregate Base, 6 inch	3020016	4,050.000	Syd
0130	Culv End Sect, 12 inch	4010012	7.000	Ea
0140	Culv, CI E, 12 inch	4010539	303.000	Ft
0150	Sewer Tap, 12 inch	4021204	2.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	303.000	Ft
0170	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0180	Dr Structure Cover, Type B	4030010	2.000	Ea
0190	Dr Structure, 24 inch dia	4030200	1.000	Ea
0200	Dr Structure, 48 inch dia	4030210	1.000	Ea
0210	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0220	HMA Surface, Rem	5010005	1,047.000	Syd
0230	HMA Approach	5010061	279.000	Ton
0240	Driveway, Nonreinf Conc, 6 inch	8010005	96.000	Syd
0250	Curb and Gutter, Conc, Det C4	8020023	11.000	Ft
0260	Detectable Warning Surface	8030010	30.000	Ft
0270	Curb Ramp Opening, Conc	8030030	24.000	Ft

0280	Sidewalk Ramp, Conc, 4 inch	8030034	55.000	Sft
0290	Sidewalk Ramp, Conc, 6 inch	8030036	190.000	Sft
0300	Sidewalk, Conc, 4 inch	8030044	190.000	Sft
0310	Shared use Path, Grading	8060030	3,748.000	Ft
0320	Shared use Path, HMA	8060040	690.000	Ton
0330	Post, Mailbox	8070095	5.000	Ea
0340	Post, Steel, 3 lb	8100371	192.000	Ft
0350	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0360	Sign, Type II, Rem	8100397	2.000	Ea
0370	Sign, Type IIIB	8100405	45.000	Sft
0380	_ Sign, Relocate	8107050	3.000	Ea
0390	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	84.000	Ft
0400	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	35.000	Ft
0410	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	268.000	Ft
0420	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	12.000	Ft
0430	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0440	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0450	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0460	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	Riprap, Plain	8130010	6.000	Syd
0540	_ Pedestrian Type II Barricade, Temp	8157050	2.000	Ea
0550	Mulch Blanket, High Velocity	8160028	1,012.000	Syd
0560	Slope Restoration, Type A	8160100	4,500.000	Syd
0570	_ Turf Establishment, Performance	8167011	2,087.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 034

Letting Date: June 1, 2018

Contract ID: 41000-130752

Description: 0.67 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, storm sewer, water main and pavement markings on Grandville Avenue from Franklin Street to Bartlett 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
130752A	1800611	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Dust Control	1027051	1.000	LSUM
0020	_ Contaminated Material, Storage, Handling and Disposal	1077060	20,000.000	Dlr
0030	Mobilization, Max \$234,100.00	1500001	1.000	LSUM
0040	Dr Structure, Rem	2030011	34.000	Ea
0050	Curb and Gutter, Rem	2040020	500.000	Ft
0060	Curb, Rem	2040021	4,800.000	Ft
0070	Sidewalk, Rem	2040055	3,600.000	Syd
0080	_ Abandon and Fill Underground Utilites, 12 inch Dia	2047001	2,200.000	Ft
0090	_ Abandon and Fill Underground Utilities, 8 inch Dia	2047001	50.000	Ft
0100	_ Pavt, Rem, Modified	2047011	9,200.000	Syd
0110	_ Pavt, Rem, Pavt Repair	2047011	400.000	Syd
0120	Excavation, Rock	2050018	40.000	Cyd
0130	_ Machine Grading, Modified	2057002	22.000	Sta
0140	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0150	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0160	Subbase, CIP	3010002	950.000	Cyd
0170	_ Aggregate Base, 6 inch, Modified	3027011	2,700.000	Syd
0180	_ Open Graded Drainage Course	3037021	23.000	Cyd
0190	Maintenance Gravel, LM	3060021	120.000	Cyd
0200	Sewer Tap, 12 inch	4021204	4.000	Ea
0210	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0220	Sewer Bulkhead, 42 inch	4021238	1.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	1,600.000	Ft
0240	_ Basin Connection, C76 CI III, 12 inch	4027001	425.000	Ft
0250	_ Basin Connection, Ductile Iron, CI 53, 10 inch	4027001	20.000	Ft
0260	_ Basin Connection, Ductile Iron, CI 53, 12 inch	4027001	20.000	Ft
0270	_ Storm Sewer, C76 CI III, 12 inch	4027001	182.000	Ft

0280	_ Storm Sewer, C76 CI III, 15 inch	4027001	316.000	Ft
0290	_ Storm Sewer, C76 CI III, 24 inch	4027001	102.000	Ft
0300	_ Storm Sewer, C76 CI III, 42 inch	4027001	596.000	Ft
0310	_ Dr Structure, Reconstruct	4037001	20.000	Ft
0320	_ Dr Structure Cover, Special	4037030	21,000.000	Lb
0330	_ Catch Basin, Det S-4	4037050	18.000	Ea
0340	_ Ditch Basin, Detail S-8	4037050	1.000	Ea
0350	_ Dr Structure Cover, Adj, Special	4037050	35.000	Ea
0360	_ Sediment Basin	4037050	13.000	Ea
0370	_ Storm Manhole, Det S-1, 4' Dia	4037050	4.000	Ea
0380	_ Storm Manhole, Det S-1, 6' Dia	4037050	5.000	Ea
0390	_ Storm Manhole, Det S-1, 8' Dia	4037050	1.000	Ea
0400	Underdrain, Subbase, 6 inch	4040063	4,800.000	Ft
0410	Cold Milling HMA Surface	5010002	8,171.000	Syd
0420	Hand Patching	5010025	580.000	Ton
0430	HMA, 3E1	5010044	1,960.000	Ton
0440	HMA, 5E1	5010056	1,859.000	Ton
0450	HMA Approach	5010061	140.000	Ton
0460	_ Temporary HMA Pavement	5017031	40.000	Ton
0470	Driveway, Nonreinf Conc, 6 inch	8010005	900.000	Syd
0480	Driveway, Nonreinf Conc, 8 inch	8010007	600.000	Syd
0490	Curb, Conc, Det E2	8020002	200.000	Ft
0500	Curb, Conc, Det E4	8020004	320.000	Ft
0510	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	4,800.000	Ft
0520	_ Concrete Flume	8027050	14.000	Ea
0530	Curb Ramp Opening, Conc	8030030	410.000	Ft
0540	Sidewalk Ramp, Conc, 4 inch	8030034	3,200.000	Sft
0550	Sidewalk Ramp, Conc, 6 inch	8030036	2,800.000	Sft
0560	Sidewalk, Conc, 4 inch	8030044	22,000.000	Sft
0570	Sidewalk, Conc, 6 inch	8030046	7,000.000	Sft
0580	_ Detectable Warning Surface, Modified	8037001	380.000	Ft
0590	_ Fence, Temporary, Modified	8037001	500.000	Ft
0600	_ Sidewalk, Conc, 4 inch, Modified	8037010	3,450.000	Sft
0610	_ Sidewalk, Conc, Reinf, 6 inch	8037010	385.000	Sft
0620	_ Bike Loop	8087050	9.000	Ea
0630	_ Sign, Rem	8107050	20.000	Ea
0640	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,100.000	Ft
0650	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,400.000	Ft
0660	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	900.000	Ft
0670	Pavt Mrkg, Polyurea, 6 inch, White	8110094	5,500.000	Ft
0680	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	160.000	Ft
0690	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	250.000	Ft
0700	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0710	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	8.000	Ea
0720	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea

0730	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0740	Recessing Pavt Mrkg, Longit	8110450	13,000.000	Ft
0750	Recessing Pavt Mrkg, Transv	8110451	1,800.000	Sft
0760	_ Pavt Mrkg, Preformed Thermoplastic, Bike Lane and Arrow Sym	8117050	10.000	Ea
0770	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
0780	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
0790	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0800	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0810	Minor Traf Devices	8120170	1.000	LSUM
0820	Pavt Mrkg Cover, Type R, Black	8120200	1,200.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,500.000	Ft
0840	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,800.000	Ft
0850	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	800.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0870	Plastic Drum, High Intensity, Furn	8120250	280.000	Ea
0880	Plastic Drum, High Intensity, Oper	8120251	280.000	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	820.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	820.000	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	_ Pedestrian Type II Channelizer, Temp	8127001	50.000	Ft
0970	_ Pedestrian Type II Barricade, Temp	8127050	24.000	Ea
0980	_ Sign, Temporary Business, Oper	8127050	20.000	Ea
0990	_ Railroad Protection, at Grade Crossing	8127060	10,000.000	Dir
1000	_ Cobblestone	8137021	32.000	Cyd
1010	Site Preparation, Max \$7,000.00	8150001	1.000	LSUM
1020	_ Steel Edging	8157001	73.000	Ft
1030	_ Aesculus x carnea 'Briotii', 2 1/2 inch	8157050	5.000	Ea
1040	_ Amelanchier x grandiflora 'Robin Hill', 2 inch	8157050	5.000	Ea
1050	_ Asclepias tuberosa, 1 Gal Cont	8157050	180.000	Ea
1060	_ Baptisia 'Lunar Eclipse', 2 Gal Cont	8157050	72.000	Ea
1070	_ Carpinus caroliniana, 2 1/2 inch	8157050	3.000	Ea
1080	_ Clethra alnifolia 'Hummingbird', 2 Gal Cont	8157050	19.000	Ea
1090	_ Cornus sericea 'Farrow', 2 Gal Cont	8157050	15.000	Ea
1100	_ Echinacea 'Dixie Scarlet', 1 Gal Cont	8157050	260.000	Ea
1110	_ Echinacea purpurea 'Magnus', 1 Gal Cont	8157050	390.000	Ea
1120	_ Gleditsia triacanthos inermis 'Impcole', 3 inch	8157050	5.000	Ea
1130	_ Helleborus 'Red Lady', 1 Gal Cont	8157050	169.000	Ea
1140	_ Hemerocallis 'Chicago Apache', 1 Gal Cont	8157050	433.000	Ea

1150	_ Iris versicolor 'Gerald Darby', 1 Gal Cont	8157050	282.000	Ea
1160	_ Itea virginica 'Little Henry', 2 Gal Cont	8157050	15.000	Ea
1170	_ Maackia amurensis, 2 1/2 inch	8157050	5.000	Ea
1180	_ Nepeta x faassenii 'Walker's Low', 1 Gal Cont	8157050	109.000	Ea
1190	_ Panicum virgatum 'Shenandoah', 1 Gal Cont	8157050	142.000	Ea
1200	_ Porous Tree Grate	8157050	1.000	Ea
1210	_ Rudbeckia fulgida 'Goldsturm', 1 Gal Cont	8157050	226.000	Ea
1220	_ Schizachyrium scoparium 'The Blues', 1 Gal Cont	8157050	154.000	Ea
1230	_ Sedum 'Carl', 1 Gal Cont	8157050	219.000	Ea
1240	_ Sporobolus heterolepis 'Tara', 1 Gal Cont	8157050	111.000	Ea
1250	_ Tree Water Bag	8157050	37.000	Ea
1260	_ Turf Watering	8157050	10.000	Ea
1270	_ Ulmus 'Morton' Accolade, 3 1/2 inch	8157050	3.000	Ea
1280	_ Ulmus 'Patriot', 3 inch	8157050	6.000	Ea
1290	_ Zelkova serrata 'Green Vase', 3 inch	8157050	6.000	Ea
1300	_ Watering and Cultivating, Special	8157051	1.000	LSUM
1310	_ Bioswale Soil	8167021	40.000	Cyd
1320	_ Hydrant Extension	8237001	4.000	Ft
1330	_ Water Main, DI Cl 53, 12 inch	8237001	2,450.000	Ft
1340	_ Water Main, DI Cl 53, 4 inch	8237001	95.000	Ft
1350	_ Water Main, DI Cl 53, 6 inch	8237001	670.000	Ft
1360	_ Water Main, DI Cl 53, 8 inch	8237001	280.000	Ft
1370	_ Water Service, 1 inch	8237001	1,200.000	Ft
1380	_ Water Service, 2 inch	8237001	250.000	Ft
1390	_ Bend, 22 1/2 Degree, 12 inch	8237050	2.000	Ea
1400	_ Bend, 22 1/2 Degree, 4 inch	8237050	4.000	Ea
1410	_ Bend, 22 1/2 Degree, 6 inch	8237050	12.000	Ea
1420	_ Bend, 22 1/2 Degree, 8 inch	8237050	8.000	Ea
1430	_ Bend, 45 Degree, 12 inch	8237050	40.000	Ea
1440	_ Bend, 45 Degree, 4 inch	8237050	4.000	Ea
1450	_ Bend, 45 Degree, 6 inch	8237050	8.000	Ea
1460	_ Bend, 45 Degree, 8 inch	8237050	2.000	Ea
1470	_ Bend, 90 Degree, 6 inch	8237050	4.000	Ea
1480	_ Curb Stop and Box on Water Service, 1 inch	8237050	40.000	Ea
1490	_ Curb Stop and Box on Water Service, 2 inch	8237050	5.000	Ea
1500	_ Exploratory Investigation, Water Service	8237050	6.000	Ea
1510	_ Hydrant, 5 inch	8237050	8.000	Ea
1520	_ Hydrant, Rem, Salvage	8237050	6.000	Ea
1530	_ Reducer, 6 inch x 4 inch	8237050	3.000	Ea
1540	_ Sleeve, 12 inch	8237050	7.000	Ea
1550	_ Sleeve, 4 inch	8237050	5.000	Ea
1560	_ Sleeve, 6 inch	8237050	6.000	Ea
1570	_ Sleeve, 8 inch	8237050	8.000	Ea
1580	_ Tap for Water Service including Corporation Stop and Collar, 2 inch	8237050	5.000	Ea

1590	_ Tap for Water Service including Corporation Stop, 1 inch	8237050	40.000	Ea
1600	_ Tee, 12 inch x 12 inch x 12 inch	8237050	4.000	Ea
1610	_ Tee, 12 Inch x 12 Inch x 4 Inch	8237050	2.000	Ea
1620	_ Tee, 12 inch x 12 inch x 6 inch	8237050	15.000	Ea
1630	_ Tee, 12 Inch x 12 Inch x 8 Inch	8237050	4.000	Ea
1640	_ Tee, 8 inch x 8 inch x 4 inch	8237050	1.000	Ea
1650	_ Valve and Box, 12 inch	8237050	12.000	Ea
1660	_ Valve and Box, 4 inch	8237050	5.000	Ea
1670	_ Valve and Box, 6 inch	8237050	17.000	Ea
1680	_ Valve and Box, 8 inch	8237050	4.000	Ea
1690	_ Water Service (Curb Box to Meter), 1 inch	8237050	5.000	Ea
1700	_ Water Service (Curb Box to Meter), over 40 feet, 1 inch	8237050	1.000	Ea
1710	_ Sanitary Sewer Lateral, 6 inch	8257001	600.000	Ft
1720	_ 6 inch Wye on 12 inch Sanitary Sewer	8257050	6.000	Ea
1730	_ Connect to Existing Sanitary Sewer Lateral	8257050	25.000	Ea
1740	_ Saddle for 6 inch Lateral on 12 inch Sanitary Sewer	8257050	3.000	Ea
1750	_ Bench, Salvaged	8507050	1.000	Ea
1760	_ Remove and Salvage Bench	8507050	1.000	Ea
1770	_ Additional Insurance	8507060	5,000.000	Dir
1780	_ Internal Plumbing, Water Service	8507060	5,000.000	Dir
1790	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 180601 035

Letting Date: June 1, 2018

Contract ID: 70000-130753

Description: 1.50 mi of hot mix asphalt cold milling and resurfacing, epoxy overlay, sidewalk ramps, guardrail and pavement markings on Adams Street from the east Holland city limits to 96th Avenue, Ottawa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130753A	1800448	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	160.000	Ft
0030	_ Sidewalk Ramp Grading	2057011	76.000	Syd
0040	Dr Structure Cover, Type B	4030010	6.000	Ea
0050	Dr Structure, Temp Lowering	4030390	10.000	Ea
0060	_ Dr Structure Cover, Adj. Case 1, Modified	4037050	10.000	Ea
0070	Cold Milling HMA Surface	5010002	46,938.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	1,085.000	Syd
0090	HMA, 5E10	5010058	6,230.000	Ton
0100	HMA Approach	5010061	127.000	Ton
0110	Detectable Warning Surface	8030010	100.000	Ft
0120	Curb Ramp Opening, Conc	8030030	160.000	Ft
0130	Sidewalk Ramp, Conc, 4 inch	8030034	674.000	Sft
0140	Guardrail, Type B	8070000	13.000	Ft
0150	Guardrail, Curved, Type B	8070010	13.000	Ft
0160	Guardrail, Curved, Type T	8070011	25.000	Ft
0170	Guardrail Approach Terminal, Type 1T	8070041	1.000	Ea
0180	Guardrail Approach Terminal, Type 2B	8070042	8.000	Ea
0190	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0200	Guardrail, Salv	8070075	488.000	Ft
0210	Guardrail Reflector	8070080	8.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	186.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,035.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,885.000	Ft
0270	Pavt Mrkg, Waterborne, 8 inch, White	8110235	150.000	Ft

0280	Channelizing Device, 42 inch, Furn	8120030	352.000	Ea
0290	Channelizing Device, 42 inch, Oper	8120031	352.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,395.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,885.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,248.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,496.000	Ft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	992.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	992.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	_ Pedestrian Type II Barricade, Temp	8127050	18.000	Ea
0410	_ Slope Restoration	8167011	100.000	Syd
0420	_ Gate Box, Adj	8237050	3.000	Ea

Section: 2

0430	Epoxy Ovly	7120020	885.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 180601 036

Letting Date: June 1, 2018

Contract ID: 35141-130272

Description: 2.79 mi of hot mix asphalt resurfacing, aggregate shoulders, signing and pavement markings on Wilber Road from Monument Road north to Galion Road, Iosco County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130272A	1800699	N/A	STL 35141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,500.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	100.000	Ton
0030	Approach, CI II	3070021	125.000	Ton
0040	_ Trenching, Modified	3077002	292.000	Sta
0050	_ Shoulder, CI II, Modified	3077031	600.000	Ton
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	HMA Surface, Rem	5010005	50.000	Syd
0080	HMA, 13A	5010033	6,510.000	Ton
0090	HMA Approach	5010061	75.000	Ton
0100	Guardrail, Type B	8070000	1,400.000	Ft
0110	Guardrail, Curved, Type B	8070010	75.000	Ft
0120	Guardrail, Backed, Det G1	8070015	4.000	Ea
0130	Guardrail, Backed, Det G2	8070016	2.000	Ea
0140	Guardrail Approach Terminal, Type 2B	8070042	9.000	Ea
0150	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0160	Guardrail Reflector	8070080	60.000	Ea
0170	Post, Mailbox	8070095	14.000	Ea
0180	Post, Steel, 3 lb	8100371	280.000	Ft
0190	Sign, Type IIA	8100398	20.000	Sft
0200	Sign, Type III, Rem	8100403	29.000	Ea
0210	Sign, Type IIIA	8100404	66.000	Sft
0220	Sign, Type IIIB	8100405	43.000	Sft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	29,510.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,550.000	Ft
0250	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0260	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0270	Channelizing Device, 42 inch, Furn	8120030	70.000	Ea
0280	Channelizing Device, 42 inch, Oper	8120031	70.000	Ea

0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,180.000	Ft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Monument Box	8210001	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 037

Letting Date: June 1, 2018

Contract ID: 45071-200823

Description: 0.37 mi of concrete curb, gutter, sidewalks and ramps, lighting, drainage, signing and pavement markings on M-22 (St. Joseph Street) from Grove Street to Broadway/Cedar Street in the village of Suttons Bay, Leelanau County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200823A	1800654	N/A	TAL 45071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	14.000	Ft
0060	Curb and Gutter, Rem	2040020	1,459.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0080	Exploratory Investigation, Vertical	2040080	15.000	Ft
0090	_ Sidewalk, Rem, Modified	2047011	2,782.000	Syd
0100	Embankment, LM	2050011	25.000	Cyd
0110	Excavation, Earth	2050016	240.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0130	Subbase, LM	3010003	220.000	Cyd
0140	Aggregate Base, 6 inch	3020016	640.000	Syd
0150	Approach, CI I	3070001	68.000	Ton
0160	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0170	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	226.000	Ft
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	121.000	Ft
0200	Sewer Tap, 15 inch	4021205	1.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0220	Dr Structure Cover, Type B	4030010	10.000	Ea
0230	Dr Structure Cover, Type G	4030040	1.000	Ea
0240	Dr Structure Cover, Type K	4030050	14.000	Ea
0250	Dr Structure, 24 inch dia	4030200	15.000	Ea
0260	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
0270	Dr Structure, Tap, 15 inch	4030315	4.000	Ea

0280	HMA Surface, Rem	5010005	1,926.000	Syd
0290	Hand Patching	5010025	222.000	Ton
0300	HMA Approach	5010061	57.000	Ton
0310	Curb and Gutter, Conc, Det C2	8020021	475.000	Ft
0320	Curb and Gutter, Conc, Det C6	8020025	1,144.000	Ft
0330	Curb Ramp Opening, Conc	8030030	256.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	184.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	3,648.000	Sft
0360	_ Detectable Warning Surface, Cast Iron	8037001	238.000	Ft
0370	_ Sidewalk, Wood, Temp	8037001	400.000	Ft
0380	_ Fence, Wood	8087001	16.000	Ft
0390	Post Hole Through Conc for Steel Post	8100340	14.000	Ea
0400	Post, Steel, 3 lb	8100371	98.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0420	Sign, Type III, Rem	8100403	12.000	Ea
0430	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	577.000	Ft
0440	Pavt Mrkg, Polyurea, 12 inch, White	8110111	260.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0460	Recessing Pavt Mrkg, Longit	8110450	260.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0490	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0500	Channelizing Device, 42 inch, Oper	8120031	40.000	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, Longit, 6 inch or Less Width, Rem	8120210	550.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Pedestrian Type II Barricade, Temp	8127050	4.000	Ea
0610	Riprap, Plain, LM	8130012	10.000	Cyd
0620	Sodding	8160055	597.000	Syd
0630	Topsoil Surface, Furn, 4 inch	8160062	200.000	Syd
0640	Topsoil Surface, Salv, 4 inch	8160077	397.000	Syd
0650	Water, Sodding/Seeding	8160090	2.000	Unit
0660	_ Bench	8167050	6.000	Ea
0670	_ Bike Rack	8167050	2.000	Ea
0680	Conduit, Directional Bore, 1 1/2 inch	8190041	50.000	Ft
0690	Conduit, Schedule 80 PVC, 1 1/2 inch	8190156	1,365.000	Ft
0700	DB Cable, in Conduit, 600V, 1/C#6	8190211	6,825.000	Ft

0710	Hh, Square	8190261	1.000	Ea
0720	_ Light Std and Luminaire	8197050	4.000	Ea
0730	_ Light Std Fdn, Special	8197050	4.000	Ea
0740	_ Lighting Control Panel	8197050	1.000	Ea
0750	Water Shutoff, Adj, Case 1	8230421	8.000	Ea
0760	Contractor Staking	8240001	1.000	LSUM
0770	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0780	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0790	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180601 038

Letting Date: June 1, 2018

Contract ID: 50000-201115

Description: 5.52 mi of signing and pavement markings along Martin Road from Hayes Road to I-94 in the city of Roseville, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201115A	1800715	N/A	TAU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,700.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	8.000	Ea
0030	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0040	Post, Steel, 3 lb	8100371	1,152.000	Ft
0050	Sign, Type III, Rem	8100403	15.000	Ea
0060	Sign, Type IIIB	8100405	686.000	Sft
0070	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,025.000	Ft
0080	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	66.000	Ea
0090	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	66.000	Ea
0100	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	82.000	Ft
0110	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	151.000	Ft
0120	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	186.000	Ft
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	243.000	Ft
0140	Pavt Mrkg, Polyurea, Sharrow Symbol	8110115	8.000	Ea
0150	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,620.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	30,300.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	19,175.000	Ft
0180	Rem Spec Mrkg	8110343	1,647.000	Sft
0190	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0200	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0210	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0220	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
0230	Recessing Pavt Mrkg, Transv	8110451	186.000	Sft
0240	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	360.000	Sft
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	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	28,905.000	Ft

0290	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	15.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	15.000	Sft
0350	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0360	Loop Detector, Rem	8200173	2.000	Ea
0370	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0380	Hemispherical Video Detection Camera	8200444	1.000	Ea
0390	Hemispherical Video Detection System	8200445	1.000	Ea
0400	TS Head, Adj	8200452	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 039

Letting Date: June 1, 2018

Contract ID: 79000-129265

Description: Superstructure replacement with 28 inch pre-stressed concrete I beams, approach work and pavement markings on Cass City Road over State and Colling Drain, Tuscola County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129265A	1800650	N/A	BO 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,100.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	210.000	Ft
0030	Embankment, CIP	2050010	40.000	Cyd
0040	Excavation, Earth	2050016	337.000	Cyd
0050	Erosion Control, Silt Fence	2080036	515.000	Ft
0060	Subbase, CIP	3010002	419.000	Cyd
0070	_ Aggregate Base, 24 inch, Modified	3027011	122.000	Syd
0080	_ Aggregate Base, 8 inch, Modified	3027011	1,115.000	Syd
0090	Approach, CI II, 6 inch	3070028	78.000	Syd
0100	_ Shoulder, CI II, 4 inch, Modified	3077011	195.000	Syd
0110	HMA Surface, Rem	5010005	750.000	Syd
0120	HMA, 13A	5010033	160.000	Ton
0130	Conc Pavt, Bridge Approach, Reinf	6020600	122.000	Syd
0140	Guardrail, Type B	8070000	63.000	Ft
0150	Guardrail, Curved, Type B	8070010	45.000	Ft
0160	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0170	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0180	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0190	Guardrail Reflector	8070080	13.000	Ea
0200	Guardrail Anch Bridge, Det T2, Modified	8070122	2.000	Ea
0210	Post, Steel, 3 lb	8100371	60.000	Ft
0220	Sign, Type III, Rem	8100403	2.000	Ea
0230	Sign, Type IIIA	8100404	18.000	Sft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	75.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided,	8120013	16.000	Ea

	Lighted, Oper			
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	631.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	631.000	Sft
0310	_ Riprap, Heavy, Modified	8137011	70.000	Syd
0320	_ Slope Restoration, Modified	8167002	4.000	Sta

Section: 2

0330	Structures, Rem Portions	2040061	1.000	LSUM
0340	Backfill, Structure, CIP	2060002	55.000	Cyd
0350	Excavation, Fdn	2060010	100.000	Cyd
0360	Underdrain, Fdn, 4 inch	4040031	90.000	Ft
0370	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0380	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0390	Joint, Expansion, E3	6020208	58.000	Ft
0400	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0410	Bridge Ltg, Oper and Maintain	7060002	50.000	Cyd
0420	False Decking	7060060	2,240.000	Sft
0430	Reinforcement, Steel, Epoxy Coated	7060092	9,931.000	Lb
0440	Substructure Conc	7060100	20.000	Cyd
0450	Superstructure Conc	7060110	6.000	Cyd
0460	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0470	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0480	Superstructure Conc, Night Casting	7060113	50.000	Cyd
0490	Water Repellent Treatment, Penetrating	7060140	196.000	Syd
0500	Bearing, Elastomeric, 2 1/4 inch	7070017	1,170.000	Sin
0510	_ Structure, Nameplate	7077050	1.000	Ea
0520	Prest Conc I Beam, Furn, 28 inch	7080021	170.000	Ft
0530	Prest Conc I Beam, Erect, 28 inch	7080022	170.000	Ft
0540	Joint Waterproofing	7100001	236.000	Sft
0550	Joint Waterproofing, Expansion	7100003	96.000	Sft
0560	Substructure Horizontal Surface Sealer SN 10556	7100030	22.000	Syd
0570	Bridge Railing, 2 Tube	7110008	39.000	Ft
0580	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	32.000	Ea
0590	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	172.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 040

Letting Date: June 1, 2018

Contract ID: 68000-202262

Description: Bridge deck healer sealer and expansion joint replacement on Evans Road over the AuSable River, Oscoda County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202262A	1800696	N/A	STL 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,800.00	1500001	1.000	LSUM
0020	Subbase, CIP	3010002	6.000	Cyd
0030	Aggregate Base	3020001	6.000	Ton
0040	Hand Patching	5010025	3.000	Ton
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0070	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0080	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	22.000	Ft
0090	PTS System, Temp, Furn	8120270	1.000	Ea
0100	PTS System, Temp, Oper	8120271	1.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
Section: 2				
0130	Conc, Grade D	7060010	6.000	Cyd
0140	Expansion Joint Device	7060050	40.000	Ft
0150	Reinforcement, Steel, Epoxy Coated	7060092	160.000	Lb
0160	_ E3, Polyurethane Expansion Joint, Modified	7067001	240.000	Ft
0170	_ Preformed Expansion Joint Device, Modified	7067001	40.000	Ft
0180	Joint Waterproofing	7100001	76.000	Sft
0190	Penetrating Healer/Sealer, Bridge Deck	7100025	858.000	Syd
0200	_ Deck Joint, Rem, Modified	7127001	40.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 041

Letting Date: June 1, 2018

Contract ID: 23000-202535

Description: 2.50 mi of hot mix asphalt surfacing, aggregate base, concrete curb, gutter, culvert, drainage, bicycle lane pavement markings and guardrail for addition of bike lanes along Old Lansing Road from Lansing Road to Mt. Hope Highway, Eaton County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202535A	1800694	N/A	TAU 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0050	Curb and Gutter, Rem	2040020	300.000	Ft
0060	Guardrail, Rem	2040035	250.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0080	Pavt, Rem	2040050	1,000.000	Syd
0090	Machine Grading	2050030	1.000	Sta
0100	_ Ditching	2057002	13.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0120	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0130	Aggregate Base, 6 inch	3020016	19,000.000	Syd
0140	Approach, CI II, LM	3070023	30.000	Cyd
0150	Shoulder, CI II	3070121	1,000.000	Ton
0160	Trenching	3070200	250.000	Sta
0170	Culv End Sect, Metal, 12 inch	4010094	20.000	Ea
0180	Culv, CI B, CSP, 12 inch	4010301	240.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure Cover, Type B	4030010	2.000	Ea
0220	_ Sanitary Structure Cover, Adj	4037050	2.000	Ea
0230	Cold Milling HMA Surface	5010002	800.000	Syd
0240	Hand Patching	5010025	5.000	Ton
0250	HMA, 3C	5010031	20.000	Ton
0260	HMA, 13A	5010033	3,020.000	Ton
0270	Curb and Gutter, Conc, Det B2	8020016	950.000	Ft

0280	Curb and Gutter, Conc, Det F4	8020038	825.000	Ft
0290	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0300	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0310	Spillway, Conc	8020075	6.000	Ft
0320	Guardrail, Type B	8070000	100.000	Ft
0330	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0340	Guardrail Reflector	8070080	20.000	Ea
0350	Post, Mailbox	8070095	84.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	27.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	52.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	54.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,000.000	Ft
0410	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0420	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0470	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0480	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Ditch, Plain Cobble	8140005	14.000	Syd
0530	Mulch Blanket	8160027	1,000.000	Syd
0540	Mulch Blanket, High Velocity	8160028	50.000	Syd
0550	_ Slope Restoration, Modified	8167011	5,000.000	Syd
0560	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0570	Water Shutoff, Adj, Case 2	8230422	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 042

Letting Date: June 1, 2018

Contract ID: 08141-130062

Description: 0.17 mi of hot mix asphalt resurfacing, pavement removal, concrete curb, gutter and sidewalks, water main and pavement markings on Main Street from Robin Road to Sixth in the village of Middleville, Barry County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130062A	1800670	N/A	STL 08141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$41,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	100.000	Ft
0040	Pavt, Rem	2040050	3,670.000	Syd
0050	Sidewalk, Rem	2040055	48.000	Syd
0060	_ Concrete Driveway, Rem	2047011	110.000	Syd
0070	Embankment, LM	2050011	250.000	Cyd
0080	Excavation, Earth	2050016	2,560.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0100	Erosion Control, Silt Fence	2080036	800.000	Ft
0110	Subbase, CIP	3010002	1,465.000	Cyd
0120	Aggregate Base, 8 inch	3020020	4,185.000	Syd
0130	Aggregate Base, Conditioning	3020051	10.000	Sta
0140	Sewer, CI B, 8 inch, Tr Det B	4020181	131.000	Ft
0150	Sewer, CI E, 12 inch, Tr Det B	4020600	322.000	Ft
0160	Sewer Tap, 12 inch	4021204	2.000	Ea
0170	_ Sanitary Lateral, 6 inch	4027001	304.000	Ft
0180	_ Sanitary Wye, 8 inch x 6 inch	4027050	7.000	Ea
0190	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0200	Dr Structure Cover, Type B	4030010	3.000	Ea
0210	Dr Structure Cover, Type Q	4030065	6.000	Ea
0220	Dr Structure, 24 inch dia	4030200	6.000	Ea
0230	Dr Structure, 48 inch dia	4030210	3.000	Ea
0240	Underdrain, Subbase, 6 inch	4040063	1,900.000	Ft
0250	Cold Milling HMA Surface	5010002	73.000	Syd
0260	Hand Patching	5010025	3.000	Ton
0270	HMA, 4E1	5010050	805.000	Ton

0280	Driveway, Nonreinf Conc, 6 inch	8010005	144.000	Syd
0290	Curb and Gutter, Conc, Det F4	8020038	1,870.000	Ft
0300	Detectable Warning Surface	8030010	7.000	Ft
0310	Sidewalk Ramp, Conc, 4 inch	8030034	56.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	2,862.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	250.000	Sft
0340	Post, Mailbox	8070095	6.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,280.000	Ft
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,390.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	225.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	225.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Slope Restoration, Type A	8160100	720.000	Syd
0480	Hydrant, Rem	8230091	1.000	Ea
0490	Gate Box, Adj, Case 1	8230431	1.000	Ea
0500	_ Water Main, DI, 12 inch, Tr Det F, Modified	8237001	932.000	Ft
0510	_ Water Main, DI, 6 inch, Tr Det F, Modified	8237001	20.000	Ft
0520	_ Connect to Existing Water Main	8237050	3.000	Ea
0530	_ Fire Hydrant, Modified	8237050	1.000	Ea
0540	_ Gate Valve and Box, 12 inch, Modified	8237050	2.000	Ea
0550	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
0560	_ Reconnect Existing Water Service	8237050	2.000	Ea
0570	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	4.000	Ea
0580	_ Water Serv, Long, Modified	8237050	6.000	Ea
0590	_ Water Serv, Modified	8237050	1.000	Ea
0600	_ Water Shutoff, Adj, Case 1, Modified	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 043

Letting Date: June 1, 2018

Contract ID: 11051-131063

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	12,800.000	Lb
0260	Substructure Conc	7060100	100.000	Cyd
0270	Steel Pedestrian Bridge, Type 2, Furn and Fab	7070081	1.000	Ea

0280	Steel Pedestrian Bridge, Type 2, Erect	7070086	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	8150001	1.000	LSUM
0640	Watering and Cultivating, First Season, Min \$4,000	8150002	1.000	LSUM
0650	Watering and Cultivating, Second Season, Min \$3,000	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 rubra, 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, Temp, Case 2	8230392	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: 180601 044

Letting Date: June 1, 2018

Contract ID: 24555-119374

Description: 2.25 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, drainage, signing and pavement marking on North Conway Road from Hathaway Road north to Edward Road, Emmet County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119374A	1800588	N/A	STL 24555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$86,500.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	98.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0040	Curb and Gutter, Rem	2040020	474.000	Ft
0050	Embankment, CIP	2050010	4,995.000	Cyd
0060	_ Excavation, Earth, Modified	2057021	7,595.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	715.000	Ft
0080	Erosion Control, Maintenance, Sediment Removal	2080026	75.000	Cyd
0090	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0100	Subbase, CIP	3010002	3,625.000	Cyd
0110	_ Aggregate Base, Modified	3027031	8,917.000	Ton
0120	_ HMA Base Crushing and Shaping, Modified	3057011	41,766.000	Syd
0130	_ HMA Base Crushing and Shaping, Special	3057011	7,585.000	Syd
0140	Maintenance Gravel	3060020	500.000	Ton
0150	Approach, CI I	3070001	644.000	Ton
0160	Approach, CI II	3070021	347.000	Ton
0170	_ Trenching, Modified	3077002	240.000	Sta
0180	_ Shoulder, CL II, Modified	3077031	904.000	Ton
0190	Culv, CI F, CSP, 15 inch	4010676	1,183.000	Ft
0200	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0210	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0220	HMA Surface, Rem	5010005	2,833.000	Syd
0230	HMA, 4E1	5010050	6,563.000	Ton
0240	HMA Approach	5010061	551.000	Ton
0250	Curb and Gutter, Conc, Det B2	8020016	575.000	Ft
0260	Spillway, Conc	8020075	10.000	Ft
0270	_ HMA Valley Gutter	8057001	6,499.000	Ft

0280	_ Post, Mailbox, Modified	8077050	24.000	Ea
0290	Fence, Moving	8080120	500.000	Ft
0300	Post, Steel, 3 lb	8100371	798.000	Ft
0310	Sign, Type III, Rem	8100403	27.000	Ea
0320	Sign, Type IIIA	8100404	140.000	Sft
0330	Sign, Type IIIB	8100405	274.000	Sft
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,641.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,988.000	Ft
0360	Protective Ovly, Snowmobile Trail Crossing	8110550	55.000	Syd
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	Riprap, Plain	8130010	219.000	Syd
0490	Paved Ditch, HMA	8140010	196.000	Syd
0500	_ Slope Restoration	8167002	120.000	Sta



Schedule of Pay Items

Report v1

Letting Call: 180601 045

Letting Date: June 1, 2018

Contract ID: 44555-129918

Description: 0.47 mi of hot mix asphalt reconstruction, storm sewer, water main and streetscaping on Main Street from Union Street to Mulholland Drive, Lapeer County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129918A	1800712	N/A	STL 44555
202182A	1800722	N/A	TAL 44000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$194,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.000	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Dr Structure, Rem	2030011	44.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	1,378.000	Ft
0070	_ Water Main, Rem, Less than 24 inch	2037001	48.000	Ft
0080	Curb and Gutter, Rem	2040020	1,742.000	Ft
0090	Pavt, Rem	2040050	10,279.000	Syd
0100	Sidewalk, Rem	2040055	1,556.000	Syd
0110	_ Tree Grate, Rem	2047050	16.000	Ea
0120	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0130	_ Open Channel Drain	2057001	1,150.000	Ft
0140	_ Machine Grading, Modified	2057002	25.000	Sta
0150	Erosion Control, Check Dam, Stone	2080012	64.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	67.000	Ea
0170	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	39.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0190	Erosion Control, Silt Fence	2080036	863.000	Ft
0200	Aggregate Base, 6 inch	3020016	4,405.000	Syd
0210	Aggregate Base, 8 inch	3020020	8,245.000	Syd
0220	Maintenance Gravel	3060020	800.000	Ton
0230	Approach, CI I, 4 inch	3070006	580.000	Syd
0240	Shoulder, CI II, 4 inch	3070126	764.000	Syd
0250	Geotextile, Separator	3080005	190.000	Syd
0260	Geotextile, Stabilization	3080010	4,575.000	Syd
0270	Culv End Sect, 12 inch	4010012	18.000	Ea

0280	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0290	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0300	Culv, CI A, 12 inch	4010131	9.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det A	4020006	51.000	Ft
0320	Sewer, CI A, 30 inch, Tr Det A	4020008	181.000	Ft
0330	Sewer, CI A, 8 inch, Tr Det B	4020031	20.000	Ft
0340	Sewer, CI A, 12 inch, Tr Det B	4020033	1,937.000	Ft
0350	Sewer, CI A, 15 inch, Tr Det B	4020034	59.000	Ft
0360	Sewer, CI A, 18 inch, Tr Det B	4020035	235.000	Ft
0370	Sewer, CI A, 24 inch, Tr Det B	4020036	934.000	Ft
0380	Sewer, CI A, 30 inch, Tr Det B	4020037	167.000	Ft
0390	Sewer, CI B, 24 inch, Tr Det B	4020186	337.000	Ft
0400	Sewer Bulkhead, 12 inch	4021230	4.000	Ea
0410	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0420	_ Sanitary Lead, 6 inch, Tr Det B	4027001	172.000	Ft
0430	Dr Structure Cover, Type B	4030010	20.000	Ea
0440	Dr Structure Cover, Type D	4030025	6.000	Ea
0450	Dr Structure Cover, Type E	4030035	1.000	Ea
0460	Dr Structure Cover, Type G	4030040	9.000	Ea
0470	Dr Structure Cover, Type K	4030050	12.000	Ea
0480	Dr Structure, 24 inch dia	4030200	19.000	Ea
0490	Dr Structure, 48 inch dia	4030210	23.000	Ea
0500	Dr Structure, 60 inch dia	4030220	8.000	Ea
0510	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	8.000	Ft
0520	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	2.000	Ft
0530	_ Utility Structure, Adj, Case 1	4037050	18.000	Ea
0540	Underdrain, Subgrade, 6 inch	4040073	1,545.000	Ft
0550	Underdrain Outlet, 6 inch	4040093	44.000	Ft
0560	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0570	HMA Surface, Rem	5010005	14,764.000	Syd
0580	Hand Patching	5010025	40.000	Ton
0590	HMA, 2C	5010030	1,363.000	Ton
0600	HMA, 3C	5010031	1,835.000	Ton
0610	HMA, 4C	5010032	1,426.000	Ton
0620	HMA Approach	5010061	83.000	Ton
0630	_ HMA Colored Crosswalk	5017011	109.000	Syd
0640	_ Retaining Wall	7067001	42.000	Ft
0650	_ Raised Planter Box	7067050	4.000	Ea
0660	Driveway, Reinf Conc, 6 inch	8010001	84.000	Syd
0670	Curb and Gutter, Conc, Det C4	8020023	2,118.000	Ft
0680	Spillway, Conc	8020075	10.000	Ft
0690	_ Curb and Gutter, Conc, Det C4, Modified	8027001	192.000	Ft
0700	Detectable Warning Surface	8030010	183.000	Ft

0710	Railing for Steps	8030020	6.000	Ft
0720	Curb Ramp Opening, Conc	8030030	161.000	Ft
0730	Sidewalk Ramp, Conc, 4 inch	8030034	756.000	Sft
0740	Sidewalk, Conc, 4 inch	8030044	13,792.000	Sft
0750	Sidewalk, Conc, 6 inch	8030046	320.000	Sft
0760	Steps, Conc	8030100	8.000	Cyd
0770	_ Sidewalk, Stamped Colored Conc, 4 inch	8037010	839.000	Sft
0780	Post, Steel, 3 lb	8100371	63.000	Ft
0790	Sign, Type III, Rem	8100403	3.000	Ea
0800	Sign, Type IIIA	8100404	17.000	Sft
0810	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	187.000	Ft
0820	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	6.000	Ea
0830	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,356.000	Ft
0840	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,655.000	Ft
0850	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,868.000	Ft
0860	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,040.000	Ft
0870	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0900	Dust Palliative, Applied	8120100	110.000	Ton
0910	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0920	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	80.000	Ft
0950	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0960	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0970	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0980	PTS System, Temp, Furn	8120270	2.000	Ea
0990	PTS System, Temp, Oper	8120271	2.000	Ea
1000	Sign Cover	8120310	8.000	Ea
1010	Sign, Type B, Temp, Prismatic, Furn	8120350	326.000	Sft
1020	Sign, Type B, Temp, Prismatic, Oper	8120351	326.000	Sft
1030	Traf Regulator Control	8120370	1.000	LSUM
1040	Riprap, Heavy	8130005	190.000	Syd
1050	Site Preparation, Max 1414	8150001	1.000	LSUM
1060	Watering and Cultivating, First Season, Min 636	8150002	1.000	LSUM
1070	Watering and Cultivating, Second Season, Min 785	8150003	1.000	LSUM
1080	Berberis thunbergii Crimson Pygmy, #3 cont.	8150511	4.000	Ea
1090	Coreopsis verticillata, 4 inch pot	8150905	10.000	Ea
1100	Fothergilla gardenii Blue Mist, #3 cont.	8151518	4.000	Ea
1110	Gaillardia x grandiflora Arizona Sun, 4 inch pot	8151561	10.000	Ea
1120	Geranium x cantabrigiense Biokovo, 4 inch pot	8151593	10.000	Ea
1130	Ribes alpinum, #3 cont.	8153213	4.000	Ea

1140	_ Agastache x A foeniculum 'Black Adder', 4 inch pot	8157050	10.000	Ea
1150	_ Bike Rack	8157050	2.000	Ea
1160	_ Bollard	8157050	2.000	Ea
1170	_ Malus 'Merilee Crabapple', 2 inch	8157050	7.000	Ea
1180	_ Pedestrian Bench	8157050	2.000	Ea
1190	_ Potentilla fruticosa 'Golden Star', #3 cont.	8157050	4.000	Ea
1200	_ Tree Well and Grate	8157050	7.000	Ea
1210	Fertilizer, Chemical Nutrient, CI B	8160021	363.000	Lb
1220	Mulch	8160025	13,133.000	Syd
1230	Mulch Anchoring	8160026	13,133.000	Syd
1240	Seeding, Mixture THV	8160040	659.000	Lb
1250	Topsoil Surface, Furn, 3 inch	8160061	8,945.000	Syd
1260	Topsoil Surface, Furn, 4 inch	8160062	4,206.000	Syd
1270	Conduit, Schedule 80 PVC, 2 inch	8190157	2,027.000	Ft
1280	DB Cable, in Conduit, 600V, 1/C#10	8190213	4,724.000	Ft
1290	Cable, Equipment Grounding Wire, 1/C#12	8190239	2,362.000	Ft
1300	Hh, Polymer Conc	8190250	30.000	Ea
1310	Hh, Rem	8190254	1.000	Ea
1320	Light Std Fdn	8190279	30.000	Ea
1330	Light Std Fdn, Rem	8190280	12.000	Ea
1340	Light Std Shaft, 30 foot or less	8190285	44.000	Ea
1350	Light Std Shaft, Rem	8190305	26.000	Ea
1360	Luminaire	8190330	44.000	Ea
1370	Luminaire, Rem	8190360	26.000	Ea
1380	Monument Box	8210001	1.000	Ea
1390	Monument Preservation	8210010	1.000	Ea
1400	Gate Valve and Box, 8 inch	8230052	5.000	Ea
1410	Hydrant, Rem	8230091	1.000	Ea
1420	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1430	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
1440	Water Main, 8 inch, Cut and Plug	8230132	3.000	Ea
1450	Water Main, DI, 8 inch, Tr Det G	8230156	1,331.000	Ft
1460	Water Main, DI, 12 inch, Tr Det G	8230166	20.000	Ft
1470	Water Serv	8230240	5.000	Ea
1480	Water Serv, Long	8230245	30.000	Ea
1490	Gate Box, Adj, Case 1	8230431	2.000	Ea
1500	Polyethylene Encasement	8230440	1,331.000	Ft
1510	_ Fire Hydrant and Valve Assembly	8237050	2.000	Ea
1520	_ Water Service, Special	8237051	1.000	LSUM
1530	Flowable Fill, Non-Structural	8260148	61.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 180601 046

Letting Date: June 1, 2018

Contract ID: 79041-132144

Description: 5.23 mi of hot mix asphalt two course overlay, joint repairs, crown correction, improve intersection, drainage, guardrail and pavement markings on M-46 from Sheridan Road to M-24, Tuscola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132144A	N/A	N/A	GF18 79041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$337,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Guardrail, Rem	2040035	1,235.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0080	Pavt, Rem	2040050	660.000	Syd
0090	Exploratory Investigation, Vertical	2040080	20.000	Ft
0100	Ditch Cleanout	2050006	50.000	Sta
0110	Embankment, LM	2050011	50.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0130	_ Station Grading	2057002	3.000	Sta
0140	Erosion Control, Check Dam, Stone	2080012	120.000	Ft
0150	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0160	Erosion Control, Sediment Trap	2080034	8.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0180	Aggregate Base, 6 inch	3020016	932.000	Syd
0190	Maintenance Gravel, LM	3060021	200.000	Cyd
0200	Trenching	3070200	30.000	Sta
0210	_ Approach, CI II, Modified	3077031	613.000	Ton
0220	_ Shoulder, CI II, Modified	3077031	10,762.000	Ton
0230	_ Approach Grading	3077050	9.000	Ea
0240	Culv End Sect, Conc, 24 inch	4010051	12.000	Ea
0250	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0260	Culv End Sect, Footing	4010072	14.000	Ea
0270	Culv, CI A, Conc, 24 inch	4010168	352.000	Ft

0280	Culv, CI A, Conc, 36 inch	4010170	88.000	Ft
0290	Culv, CI E, Conc, 24 inch	4010576	168.000	Ft
0300	Dr Marker Post	4011109	14.000	Ea
0310	_ Culvert Cleanout	4017001	1,693.000	Ft
0320	Dr Structure Cover, Type G	4030040	2.000	Ea
0330	Dr Structure, 48 inch dia	4030210	2.000	Ea
0340	Pavt, Cleaning	5010001	1.000	LSUM
0350	Cold Milling HMA Surface	5010002	17,625.000	Syd
0360	Bump Grinding	5010004	250.000	Syd
0370	HMA Surface, Rem	5010005	65.000	Syd
0380	HMA Quality Initiative	5010007	62,626.000	Dlr
0390	Pavt for Butt Joints, Rem	5010008	1,855.000	Syd
0400	Longitudinal Joint Density Quality Initiative	5010018	78,700.000	Dlr
0410	Hand Patching	5010025	1,612.000	Ton
0420	HMA, 4E3	5010051	10,275.000	Ton
0430	HMA, 5E3	5010057	14,200.000	Ton
0440	HMA Approach	5010061	1,476.000	Ton
0450	HMA, 4E3, High Stress	5010509	2,140.000	Ton
0460	HMA, 5E3, High Stress	5010515	1,610.000	Ton
0470	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	7,500.000	Ft
0480	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	7,500.000	Ft
0490	_ Curb and Gutter, Conc with Basalt Fiber Reinforced Polymer, Detail B2, Modified	8027001	614.000	Ft
0500	Guardrail, Type MGS-8	8070004	927.000	Ft
0510	Guardrail, Curved, Type B	8070010	25.000	Ft
0520	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0530	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0540	Guardrail Reflector	8070080	56.000	Ea
0550	Post, Mailbox	8070095	69.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	170.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	8.000	Ea
0600	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,947.000	Ft
0610	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	16,745.000	Ft
0620	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	52,500.000	Ft
0630	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	1,947.000	Ft
0640	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	16,745.000	Ft
0650	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	52,500.000	Ft
0660	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0670	Recessing Pavt Mrkg, Longit	8110450	64,948.000	Ft
0680	Recessing Pavt Mrkg, Transv	8110451	340.000	Sft
0690	Channelizing Device, 42 inch, Furn	8120030	130.000	Ea
0700	Channelizing Device, 42 inch, Oper	8120031	130.000	Ea
0710	Lighted Arrow, Type C, Furn	8120140	4.000	Ea

0720	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,600.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,600.000	Ft
0760	Plastic Drum, High Intensity, Furn	8120250	12.000	Ea
0770	Plastic Drum, High Intensity, Oper	8120251	12.000	Ea
0780	Sign Cover, Type 1	8120320	6.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	985.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	985.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0830	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0840	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0850	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0860	Riprap, Plain	8130010	50.000	Syd
0870	Slope Restoration, Type B	8160101	2,200.000	Syd
0880	Monument Box	8210001	18.000	Ea
0890	Monument Preservation	8210010	18.000	Ea
0900	Centerline Corrugations, Milled, HMA	8220013	24,976.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 047

Letting Date: June 1, 2018

Contract ID: 30041-202749

Description: 10.65 mi of hot mix asphalt cold milling and single course overlay, shoulder gravel, pavement markings and centerline corrugations on M-34 from M-99 easterly to US-127, Hillsdale County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202749A	N/A	N/A	GF18 30041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$239,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	6,109.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	HMA Quality Initiative	5010007	39,790.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	59,043.000	Dlr
0060	Pavt Joint and Crack Repr, Det 7	5010020	9,000.000	Ft
0070	Hand Patching	5010025	675.000	Ton
0080	HMA, 5E1	5010056	18,275.000	Ton
0090	HMA Approach	5010061	595.000	Ton
0100	Fine Textured Pavement Milling	5010100	232,367.000	Syd
0110	HMA, 5E1, High Stress	5010514	350.000	Ton
0120	Guardrail Reflector	8070080	400.000	Ea
0130	Post, Steel, 3 lb	8100371	232.000	Ft
0140	Sign, Type III, Rem	8100403	4.000	Ea
0150	Sign, Type IIIB	8100405	52.000	Sft
0160	Sign, Type VB	8100425	32.000	Sft
0170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	115.000	Ea
0180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	40.000	Ft
0190	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	100.000	Ft
0200	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	48,225.000	Ft
0210	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	109,195.000	Ft
0220	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	100.000	Ft
0230	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	48,225.000	Ft
0240	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	109,195.000	Ft
0250	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0260	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0270	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea

0280	Pavt Mrkg, Polyurea, School	8110414	2.000	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 C, Furn	8120140	4.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0330	Ltg for Night Work	8120160	1.000	LSUM
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,876.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,876.000	Ft
0380	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0400	Sign Cover	8120310	10.000	Ea
0410	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0420	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	Monument Box Adjust	8210005	10.000	Ea
0470	Centerline Corrugations, Milled, HMA	8220013	59,043.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 048

Letting Date: June 1, 2018

Contract ID: 41000-200806

Description: 3 interchanges of tower lighting luminaire LED upgrades and 1 interchange of constructing interchange ramp lightings along US-131, M-6, I-96 and M-120 in the cities of Norton Shores and Muskegon, Muskegon and Kent Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200806A	1800767	N/A	ST 41000
200807A	1800768	N/A	ST 41064

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$66,000.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	50.000	Ft
0030	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0040	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0050	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Mobile Attenuator	8120180	2.000	Ea
0100	Sign Cover	8120310	10.000	Ea
0110	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0120	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	1,156.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	1,156.000	Sft
0150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0170	Slope Restoration, Type B	8160101	400.000	Syd
0180	Conduit, Directional Bore, 2 inch	8190042	1,570.000	Ft
0190	Conduit, Schedule 80 PVC, 2 inch	8190157	2,975.000	Ft
0200	DB Cable, in Conduit, 600V, 1/C#6	8190211	12,670.000	Ft
0210	DB Cable, in Conduit, 600V, 1/C#10	8190213	2,200.000	Ft
0220	Cable, Equipment Grounding Wire, 1/C#6	8190236	4,410.000	Ft
0230	Cable, Equipment Grounding Wire, 1/C#10	8190238	1,080.000	Ft
0240	Hh, Heavy Duty Cover	8190246	29.000	Ea
0250	Light Std Arm, 12 foot	8190268	24.000	Ea
0260	Light Std Fdn	8190279	24.000	Ea

0270	Light Std, Frangible Transformer Base	8190281	19.000	Ea
0280	Light Std Shaft, 30 foot or less	8190285	24.000	Ea
0290	_ Electrical Service, Kalamazoo Ave	8197050	1.000	Ea
0300	_ Lighting Control Panel	8197050	1.000	Ea
0310	_ Luminaire Shields	8197050	16.000	Ea
0320	_ Luminaire, Ramp	8197050	24.000	Ea
0330	_ Luminaire, Tower	8197050	240.000	Ea
0340	_ Tower Luminaire, Rem	8197050	240.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 049

Letting Date: June 1, 2018

Contract ID: 82123-128945-3

Description: 4.80 mi of hot mix asphalt cold milling and resurfacing, full depth concrete pavement repairs, detail 7 repairs and pavement markings on I-96 from Schaefer Highway to Roosevelt Street in the city of Detroit, 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
128945A	1682288	N/A	IM 82123
131858A	1800387	N/A	IM 82123

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$789,000.00	1500001	1.000	LSUM
0020	Concrete Barrier, Rem	2040010	1,000.000	Ft
0030	Curb and Gutter, Rem	2040020	2,000.000	Ft
0040	Glare Screen, Rem	2040030	1,000.000	Ft
0050	Pavt, Rem	2040050	2,850.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	624.000	Ea
0070	Dr Structure Cover, Adj, Case 1, Modified	4030004	22.000	Ea
0080	Dr Structure Cover, Type CX	4030020	3.000	Ea
0090	Dr Structure, Cleaning	4030290	624.000	Ea
0100	_ Dr Structure Repair, Add Depth	4037001	8.000	Ft
0110	_ Dr Structure Repair, Composite Pavt	4037050	3.000	Ea
0120	Cold Milling HMA Surface	5010002	277,163.000	Syd
0130	Bump Grinding	5010004	736.000	Syd
0140	HMA Quality Initiative	5010007	67,624.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	150,861.000	Dlr
0160	Pavt Joint and Crack Repr, Det 7	5010020	27,000.000	Ft
0170	Hand Patching	5010025	1,800.000	Ton
0180	HMA Approach	5010061	1,594.000	Ton
0190	HMA, 5E30, High Stress	5010517	30,418.000	Ton
0200	Joint, Contraction, Cp	6020200	8,400.000	Ft
0210	_ Conc Pavt, Misc, Nonreinf, 14 1/2 inch	6027011	2,850.000	Syd
0220	Cement	6030005	266.000	Ton
0230	Joint, Contraction, Crg	6030020	13,800.000	Ft
0240	Joint, Expansion, Erg	6030021	408.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	9,590.000	Ea
0260	Non-Chloride Accelerator	6030035	11,320.000	Gal

0270	Pavt Repr, Rem	6030080	11,200.000	Syd
0280	Saw Cut, Intermediate	6030090	17,580.000	Ft
0290	_ Pavt Repr, Nonreinf Conc, 14 1/2 inch	6037011	11,200.000	Syd
0300	Curb and Gutter, Conc, Det D3	8020032	2,000.000	Ft
0310	Conc Barrier, Single Face, Type A	8040001	1,000.000	Ft
0320	Conc Barrier, Double Face, Type A	8040005	1,000.000	Ft
0330	Glare Screen, Conc	8040015	1,000.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	90,000.000	Ft
0350	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	90,000.000	Ft
0360	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	17,000.000	Ft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	Recessing Pavt Mrkg, Longit	8110450	55,000.000	Ft
0390	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	55,000.000	Ft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	60.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	60.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0440	Ltg for Night Work	8120160	1.000	LSUM
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Mobile Attenuator	8120180	8.000	Ea
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	35,000.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	645.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	645.000	Ea
0510	Sign Cover	8120310	30.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0540	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0550	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
0560	Monument Box Adjust	8210005	1.000	Ea
0570	Protect Corners	8210020	1.000	Ea
0580	Contractor Staking, Road Only	8240007	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180601 050

Letting Date: June 1, 2018

Contract ID: 15071-200964

Description: 4.96 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, centerline corrugations, guardrail and pavement markings on M-75 from Old State Road to US-131, Charlevoix County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200964A	N/A	N/A	M 15071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$80,000.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0030	Shoulder, CI II	3070121	45.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0050	Cold Milling HMA Surface	5010002	100,100.000	Syd
0060	HMA Surface, Rem	5010005	425.000	Syd
0070	HMA Quality Initiative	5010007	17,570.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	43,520.000	Dlr
0090	Hand Patching	5010025	105.000	Ton
0100	HMA Approach	5010061	180.000	Ton
0110	HMA, LVSP	5010703	8,500.000	Ton
0120	Curb Sloped, HMA	8050010	3,750.000	Ft
0130	Guardrail, Type B	8070000	313.000	Ft
0140	Guardrail, Reconst, Type B	8070105	325.000	Ft
0150	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	500.000	Ft
0160	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	96.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,300.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	51,100.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,300.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	51,100.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Channelizing Device, 42 inch, Furn	8120030	330.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	330.000	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, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,200.000	Ft

0280	Sign Cover	8120310	4.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	967.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	967.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	15.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	15.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0350	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0360	Centerline Corrugations, Milled, HMA	8220013	20,235.000	Ft
0370	Contractor Staking	8240001	1.000	LSUM
0380	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0390	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0400	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180601 051

Letting Date: June 1, 2018

Contract ID: 82192-132116-2

Description: 6.22 mi of hot mix asphalt cold milling and resurfacing, full-depth pavement repairs, detail 7 repairs and pavement markings on M-39 (Southfield Freeway) from M-153 (Ford Road) northerly to McNichols Road in the cities of Dearborn and Detroit, 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
132116A	1800382	N/A	NH 82192

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$588,700.00	1500001	1.000	LSUM
0020	Concrete Barrier, Rem	2040010	100.000	Ft
0030	Curb and Gutter, Rem	2040020	400.000	Ft
0040	Glare Screen, Rem	2040030	100.000	Ft
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	674.000	Ea
0060	Dr Structure Cover, Adj, Case 1, Modified	4030004	24.000	Ea
0070	Dr Structure Cover, Type CX	4030020	12.000	Ea
0080	Dr Structure Cover, Type DX	4030030	12.000	Ea
0090	Dr Structure, Cleaning	4030290	674.000	Ea
0100	_ Dr Structure Repair, Add Depth	4037001	8.000	Ft
0110	_ Dr Structure Repair, Composite Pavt	4037050	12.000	Ea
0120	Cold Milling HMA Surface	5010002	287,598.000	Syd
0130	Bump Grinding	5010004	1,200.000	Syd
0140	HMA Quality Initiative	5010007	54,088.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	135,094.000	Dlr
0160	Pavt Joint and Crack Repr, Det 7	5010020	13,000.000	Ft
0170	Hand Patching	5010025	945.000	Ton
0180	HMA Approach	5010061	1,953.000	Ton
0190	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	24,146.000	Ton
0200	_ Seal, Fog	5057011	46,609.000	Syd
0210	_ Seal, Shoulder Chip, Modified	5057011	46,609.000	Syd
0220	Joint, Contraction, Cp	6020200	1,385.000	Ft
0230	Cement	6030005	114.000	Ton
0240	Joint, Contraction, Crg	6030020	6,845.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	4,115.000	Ea
0260	Non-Chloride Accelerator	6030035	4,819.000	Gal

0270	Pavt Repr, Nonreinf Conc, 11 inch	6030050	4,000.000	Syd
0280	Pavt Repr, Rem	6030080	6,784.000	Syd
0290	Saw Cut, Intermediate	6030090	4,706.000	Ft
0300	_ Joint, Tied, Special	6037001	283.000	Ft
0310	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	2,784.000	Syd
0320	_ Pavt Repr, Nonreinf, 11 inch, Special	6037011	79.000	Syd
0330	_ Pavt Repr, Rem, Special	6037011	79.000	Syd
0340	Curb and Gutter, Conc, Det D3	8020032	200.000	Ft
0350	Valley Gutter, Conc	8020060	200.000	Ft
0360	Conc Barrier, Double Face, Type A	8040005	100.000	Ft
0370	Glare Screen, Conc	8040015	100.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	75,000.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	75,000.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	20,000.000	Ft
0410	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0420	Recessing Pavt Mrkg, Longit	8110450	38,000.000	Ft
0430	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	38,000.000	Ft
0440	Barricade, Type III, High Intensity, Lighted, Furn	8120022	90.000	Ea
0450	Barricade, Type III, High Intensity, Lighted, Oper	8120023	90.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0480	Ltg for Night Work	8120160	1.000	LSUM
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Mobile Attenuator	8120180	6.000	Ea
0510	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	75,000.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	75,000.000	Ft
0530	Plastic Drum, High Intensity, Furn	8120250	950.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	950.000	Ea
0550	Sign Cover	8120310	15.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,260.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,260.000	Sft
0580	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0590	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0600	Monument Box Adjust	8210005	1.000	Ea
0610	Protect Corners	8210020	1.000	Ea
0620	Contractor Staking, Road Only	8240007	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0660	_ Railroad Inspection and Flagging	8507060	9,000.000	Dlr
0670	_ Railroad Protection	8507060	10,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 180601 052

Letting Date: June 1, 2018

Contract ID: 05011-200953

Description: 6.28 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, centerline corrugations and pavement markings on US-31 from Barnes Road to Old Dixie Highway, Antrim County. The project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200953A	N/A	N/A	GF18 05011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,300.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	86,800.000	Syd
0030	HMA Surface, Rem	5010005	1,500.000	Syd
0040	HMA Quality Initiative	5010007	20,542.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	34,910.000	Dlr
0060	Hand Patching	5010025	250.000	Ton
0070	HMA, 4E1	5010050	10,000.000	Ton
0080	HMA Approach	5010061	21.000	Ton
0090	_ Pavt Sensor, Invasive Condition, Proprietary	8007050	1.000	Ea
0100	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0110	Delineator Reflector, White	8100134	450.000	Ea
0120	Delineator, Rem	8100349	7.000	Ea
0130	Post, Rigid, Delineator	8100361	225.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	800.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,000.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	66,400.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	800.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	66,400.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,400.000	Ft

0280	Sign Cover	8120310	12.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	664.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	664.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Monument Box Adjust	8210005	3.000	Ea
0330	Centerline Corrugations, Milled, HMA	8220013	17,425.000	Ft
0340	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 180601 053

Letting Date: June 1, 2018

Contract ID: 75032-201162

Description: 22.21 mi of overband crack fill, chip seal, aggregate shoulders and pavement markings on M-94 from north of Dodge Lake Road to the Schoolcraft/Alger County Line, Schoolcraft County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201162A	N/A	N/A	GF18 75032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$165,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	3,420.000	Ton
0030	Overband Crack Fill, Lane	5020003	44.420	Lnmi
0040	Chip Seal, Double, Warranty	5050020	366,914.000	Syd
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	55,617.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	234,538.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	55,617.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	234,538.000	Ft
0090	Protective Ovly, Snowmobile Trail Crossing	8110550	267.000	Syd
0100	Channelizing Device, 42 inch, Furn	8120030	220.000	Ea
0110	Channelizing Device, 42 inch, Oper	8120031	220.000	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	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	2,766.000	Ea
0160	Sign Cover	8120310	1.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	2,381.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	2,381.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0200	Monument Box Adjust	8210005	19.000	Ea
0210	Protect Corners	8210020	19.000	Ea
0220	Contractor Staking, Road Only	8240007	1.000	LSUM
0230	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0240	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0250	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 180601 054

Letting Date: June 1, 2018

Contract ID: 14141-129839

Description: 95.40 mi of centerline and edgeline pavement markings on various routes, Cass County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129839A	1800665	N/A	STL 14141

List of Items by Section

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



Schedule of Pay Items

Report v1

Letting Call: 180601 055

Letting Date: June 1, 2018

Contract ID: 25049-121495

Description: 0.49 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage, pavement repairs and water main on Roosevelt Avenue from Benson Road to Saginaw Street in the city of Mt. Morris, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121495A	1800727	N/A	STU 25049

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$113,700.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Dr Structure, Rem	2030011	5.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	151.000	Ft
0060	Curb and Gutter, Rem	2040020	1,353.000	Ft
0070	Fence, Rem	2040025	127.000	Ft
0080	Sidewalk, Rem	2040055	1,068.000	Syd
0090	_ Pavt, Rem, Modified	2047011	1,896.000	Syd
0100	Excavation, Earth	2050016	680.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0120	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0140	Subbase, CIP	3010002	188.000	Cyd
0150	_ Aggregate Base, 5 inch, Modified	3027011	464.000	Syd
0160	_ Aggregate Base, 6 inch Modified	3027011	168.000	Syd
0170	_ Aggregate Base, 8 inch, Modified	3027011	1,581.000	Syd
0180	Aggregate Surface Cse, 6 inch	3060010	48.000	Syd
0190	_ Maintenance Gravel, Modified	3067031	100.000	Ton
0200	Sewer, CI E, 12 inch, Tr Det B	4020600	151.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	32.000	Ea
0220	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0230	Dr Structure Cover, Type B	4030010	14.000	Ea
0240	Dr Structure Cover, Type D	4030025	1.000	Ea
0250	Dr Structure Cover, Type K	4030050	11.000	Ea
0260	Dr Structure Cover, Type Q	4030065	12.000	Ea
0270	Dr Structure, 48 inch dia	4030210	4.000	Ea

0280	Dr Structure, 60 inch dia	4030220	1.000	Ea
0290	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0300	Cold Milling HMA Surface	5010002	9,450.000	Syd
0310	Hand Patching	5010025	416.000	Ton
0320	HMA, 13A	5010033	1,790.000	Ton
0330	HMA Approach	5010061	48.000	Ton
0340	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	1,257.000	Ft
0350	Driveway, Nonreinf Conc, 6 inch	8010005	175.000	Syd
0360	Curb and Gutter, Conc, Det C4	8020023	1,243.000	Ft
0370	Detectable Warning Surface	8030010	77.000	Ft
0380	Curb Ramp Opening, Conc	8030030	114.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	791.000	Sft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	815.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	8,862.000	Sft
0420	Sidewalk, Conc, 6 inch	8030046	1,766.000	Sft
0430	Fence, Chain Link, 48 inch	8080011	102.000	Ft
0440	Post, Steel, 3 lb	8100371	505.000	Ft
0450	Sign, Type IIA	8100398	26.000	Sft
0460	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0470	Sign, Type III, Rem	8100403	59.000	Ea
0480	Sign, Type IIIA	8100404	167.000	Sft
0490	Sign, Type IIIB	8100405	55.000	Sft
0500	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	90.000	Ft
0510	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	875.000	Ft
0520	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	875.000	Ft
0530	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0540	Recessing Pavt Mrkg, Longit	8110450	875.000	Ft
0550	Recessing Pavt Mrkg, Transv	8110451	354.000	Sft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	34.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	34.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	620.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	620.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	31.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	31.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0670	_ Turf Establishment, Performance	8167011	3,300.000	Syd
0680	_ 1 inch Water Service, Type K Copper, Bored	8237001	1,160.000	Ft
0690	_ 1 inch Water Service, Type K Copper, Open Cut	8237001	310.000	Ft
0700	_ 6 inch Water Main, Trench Detail G	8237001	60.000	Ft

0710	_ 8 inch Water Main, Bored and Jacked	8237001	144.000	Ft
0720	_ 8 inch Water Main, Trench Detail G	8237001	2,997.000	Ft
0730	_ Remove Water Main	8237001	147.000	Ft
0740	_ 1 inch Corporation and Tap	8237050	41.000	Ea
0750	_ 1 inch Curb Stop and Box	8237050	41.000	Ea
0760	_ 8 inch Gate Valve and Box	8237050	21.000	Ea
0770	_ Cla-Val, Valve, Pressure Reducing, 6 inch, Model 90-01, Installed	8237050	1.000	Ea
0780	_ Cla-Val, Valve, Pressure Reducing, 8 inch, Model 90-01, Installed	8237050	1.000	Ea
0790	_ Connect to Existing Water Main	8237050	15.000	Ea
0800	_ Hydrant Assembly	8237050	8.000	Ea
0810	_ Miscellaneous Pipe Repair	8237050	10.000	Ea
0820	_ Remove Hydrant	8237050	6.000	Ea
0830	_ Abandon Water Main	8237051	1.000	LSUM
0840	_ Testing and Disinfection	8237051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180601 056

Letting Date: June 1, 2018

Contract ID: 75000-202609

Description: 6.90 mi of chip and fog seal rumble strips and pavement markings on County Roads 436, 438, 439, 453, Schoolcraft County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202609A	1800504	N/A	STL 75000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,100.00	1500001	1.000	LSUM
0020	_ Seal, Fog	5057011	97,946.000	Syd
0030	_ Seal, Single Chip, Modified	5057011	97,946.000	Syd
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	72,864.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,307.000	Ft
0060	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0070	Pavt Mrkg, Thermopl, Rumble Strip	8110470	68.000	Ft
0080	Protective Ovly, Snowmobile Trail Crossing	8110550	16.000	Syd
0090	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	745.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 057

Letting Date: June 1, 2018

Contract ID: 82000-200001

Description: 0.88 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, sidewalk ramps and pavement markings on Emmons Boulevard from Fort Street (M-85) to Ecorse Creek in the city of Lincoln Park, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200001A	1800513	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,500.000	Ft
0030	Sidewalk, Rem	2040055	800.000	Syd
0040	Embankment, CIP	2050010	126.000	Cyd
0050	Excavation, Earth	2050016	126.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0080	Aggregate Base, 4 inch	3020010	800.000	Syd
0090	Aggregate Base, 6 inch	3020016	1,000.000	Syd
0100	Dr Structure Cover, Type B	4030010	3.000	Ea
0110	Dr Structure Cover, Type K	4030050	24.000	Ea
0120	Dr Structure Cover, Type Q	4030065	13.000	Ea
0130	Dr Structure, Cleaning	4030290	34.000	Ea
0140	_ Dr Structure Cover Adj, Case 1, Modified	4037050	40.000	Ea
0150	Cold Milling HMA Surface	5010002	20,000.000	Syd
0160	Pavt Joint and Crack Repr, Det 7	5010020	800.000	Ft
0170	Pavt Joint and Crack Repr, Det 8	5010021	800.000	Ft
0180	Hand Patching	5010025	300.000	Ton
0190	HMA, 5E10	5010058	2,500.000	Ton
0200	_ HMA Approach, Modified	5017031	175.000	Ton
0210	Joint, Contraction, Cp	6020200	1,900.000	Ft
0220	Joint, Contraction, Crg	6030020	2,450.000	Ft
0230	Lane Tie, Epoxy Anchored	6030030	1,360.000	Ea
0240	Pavt Repr, Nonreinf Conc, 8 inch	6030044	3,800.000	Syd
0250	Pavt Repr, Rem	6030080	3,800.000	Syd
0260	Saw Cut, Intermediate	6030090	1,500.000	Ft
0270	Curb and Gutter, Conc, Det F1	8020035	1,000.000	Ft

0280	Detectable Warning Surface	8030010	270.000	Ft
0290	Curb Ramp Opening, Conc	8030030	500.000	Ft
0300	Sidewalk Ramp, Conc, 4 inch	8030034	3,300.000	Sft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	3,500.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	800.000	Sft
0330	Pavt Mrkg, Polyurea, 4 inch, White	8110091	94.000	Ft
0340	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	4,300.000	Ft
0350	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,650.000	Ft
0360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0370	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0380	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0410	Channelizing Device, 42 inch, Furn	8120030	260.000	Ea
0420	Channelizing Device, 42 inch, Oper	8120031	260.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	96.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	96.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Mulch Blanket	8160027	350.000	Syd
0500	Seeding, Mixture THM	8160039	20.000	Lb
0510	Topsoil Surface, Furn, 3 inch	8160061	350.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 058

Letting Date: June 1, 2018

Contract ID: 14000-200409

Description: 0.23 mi of concrete shared use path along Gumwood Road from Indiana State line to south of Redfield Street, Cass County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200409A	1800672	N/A	TAU 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	12.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0060	Erosion Control, Silt Fence	2080036	600.000	Ft
0070	Aggregate Surface Cse, 6 inch	3060010	25.000	Syd
0080	Culv End Sect, 12 inch	4010012	2.000	Ea
0090	Sewer, Cl A, 12 inch, Tr Det A	4020004	30.000	Ft
0100	Dr Structure Cover, Type G	4030040	2.000	Ea
0110	Dr Structure, 24 inch dia	4030200	2.000	Ea
0120	Shared use Path, Aggregate	8060010	415.000	Ton
0130	Shared use Path, Conc	8060020	1,355.000	Syd
0140	Shared use Path, Grading	8060030	1,200.000	Ft
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	64.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	64.000	Sft
0200	Riprap, Plain	8130010	20.000	Syd
0210	Slope Restoration, Type A	8160100	2,170.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180601 059

Letting Date: June 1, 2018

Contract ID: 32000-130149

Description: 8.44 mi of hot mix asphalt cold milling and resurfacing, joint repair, hand patching, aggregate shoulders and pavement markings on Sebewaing Road from M-25 east to Bay Port Road and from Notter Road east to Elkton Road, Huron County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130149A	1800589	N/A	STL 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$123,200.00	1500001	1.000	LSUM
0020	_ Pavt, Rem, Modified	2047011	176.000	Syd
0030	_ Shoulder, CL II, Modified	3077031	8,600.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Cold Milling HMA Surface	5010002	76,083.000	Syd
0060	Hand Patching	5010025	600.000	Ton
0070	HMA Approach	5010061	360.000	Ton
0080	_ Pavt Joint and Crack Repr, Det 7, Modified	5017001	8,876.000	Ft
0090	_ HMA 13A, Mod. T	5017031	12,740.000	Ton
0100	_ HMA 36A, Mod. L	5017031	3,305.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	82.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	20.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	85,536.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,161.000	Ft
0190	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,735.000	Ft
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,216.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,216.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 060

Letting Date: June 1, 2018

Contract ID: 69000-202175

Description: 2.21 mi of hot mix asphalt base crushing, shaping and resurfacing, correct vertical curve, tree removal and clearing, replace culvert and pavement markings on Murner Road from Five Lakes Road north to Parmater Road, Otsego County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202175A	1800599	N/A	STL 69000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.490	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	13.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0060	_ Tree Trimming and Pruning	2027002	3.000	Sta
0070	Fence, Rem	2040025	90.000	Ft
0080	Pavt, Rem	2040050	48.000	Syd
0090	Ditch Cleanout	2050006	5.000	Sta
0100	Embankment, CIP	2050010	6,750.000	Cyd
0110	Embankment, LM	2050011	500.000	Cyd
0120	Excavation, Earth	2050016	15,650.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	120.000	Ft
0150	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0160	Aggregate Base	3020001	11,663.000	Ton
0170	HMA Base Crushing and Shaping	3050002	37,791.000	Syd
0180	Salv Crushed Material, LM	3050015	705.000	Cyd
0190	Approach, CI II, 3 inch	3070025	2,163.000	Syd
0200	Shoulder, CI II, 3 inch	3070125	4,580.000	Syd
0210	Trenching	3070200	224.000	Sta
0220	_ Approach, CI II, 3 inch, Modified (Afton Stone)	3077011	350.000	Syd
0230	Geotextile, Separator	3080005	933.000	Syd
0240	Culv, CI F, 12 inch	4010607	1,234.000	Ft
0250	Underdrain, Subbase, 6 inch	4040063	1,670.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea

0280	HMA Surface, Rem	5010005	2,263.000	Syd
0290	HMA, 4E1	5010050	3,252.000	Ton
0300	HMA, 5E1	5010056	3,252.000	Ton
0310	HMA Approach	5010061	445.000	Ton
0320	Driveway, Nonreinf Conc, 6 inch	8010005	41.000	Syd
0330	Curb Sloped, HMA	8050010	3,414.000	Ft
0340	Post, Mailbox	8070095	50.000	Ea
0350	Fence, High Tensile Wire	8080100	90.000	Ft
0360	Post, Steel, 3 lb	8100371	496.000	Ft
0370	Sign, Type II, Rem	8100397	11.000	Ea
0380	Sign, Type IIB	8100399	69.000	Sft
0390	Sign, Type IIIA	8100404	115.000	Sft
0400	Reflective Panel for Permanent Sign Support, 6 foot	8100616	32.000	Ea
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,300.000	Ft
0420	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,300.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	23,300.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,300.000	Ft
0450	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	550.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	550.000	Ft
0520	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	779.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	779.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	242.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	242.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Ditch, Plain Cobble	8140005	104.000	Syd
0600	_ HMA Spillway	8147011	90.000	Syd
0610	Mulch Blanket, High Velocity	8160028	7,700.000	Syd
0620	_ Slope Restoration, Special	8167011	51,885.000	Syd
0630	Monument Box	8210001	3.000	Ea
0640	Monument Preservation	8210010	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 061

Letting Date: June 1, 2018

Contract ID: 41000-130754

Description: 1.24 mi of hot mix asphalt cold milling and resurfacing, ADA ramps, infiltration basins and pavement markings on Alpine Avenue from Stocking Avenue to Leonard Street, North Park Street from Monroe Avenue to Coit Avenue and Coit Avenue from North Park Street to 4 Mile Road, Kent County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130754A	1800688	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$99,700.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sidewalk, Rem	2040055	1,965.000	Syd
0040	_ Curb and Gutter, Rem, Modified	2047001	3,540.000	Ft
0050	_ Conc or HMA Driveway and Approach, Rem	2047011	80.000	Syd
0060	_ Pavt, Rem, Modified	2047011	343.000	Syd
0070	_ Pavt, Rem, Pavt Repair	2047011	659.000	Syd
0080	_ Machine Grading, Modified	2057002	67.000	Sta
0090	_ Storm Water Operator's Inspections	2087050	60.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0120	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0130	_ Aggregate Base, 6 inch, Modified	3027011	1,617.000	Syd
0140	Maintenance Gravel, LM	3060021	199.000	Cyd
0150	_ Basin Connection, Ductile Iron, Cl 53, 12 inch	4027001	100.000	Ft
0160	_ Core and Boot 12 inch Sewer into Existing Manhole	4027050	9.000	Ea
0170	_ Dr Structure Cover, Special	4037030	26,734.000	Lb
0180	_ Catch Basin, Det S-3	4037050	1.000	Ea
0190	_ Dr Structure Cover, Adj, Special	4037050	68.000	Ea
0200	_ Drop Inlet, Det S-6A	4037050	8.000	Ea
0210	Cold Milling HMA Surface	5010002	29,222.000	Syd
0220	Hand Patching	5010025	83.000	Ton
0230	HMA, 4E1	5010050	1,484.000	Ton
0240	HMA, 5E1	5010056	1,961.000	Ton
0250	HMA, LVSP	5010703	601.000	Ton
0260	_ Temporary HMA Pavement	5017031	20.000	Ton
0270	Conc Pavt, Nonreinf, 6 inch	6020100	235.000	Syd

0280	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0290	Driveway, Reinf Conc, 6 inch	8010001	102.000	Syd
0300	Driveway, Reinf Conc, 7 inch	8010002	23.000	Syd
0310	_ Curb and Gutter, Conc, Det P-5, Modified, 18 inch pan	8027001	2,924.000	Ft
0320	_ Curb and Gutter, Conc, Det P-5, Modified, 24 inch pan	8027001	339.000	Ft
0330	Curb Ramp Opening, Conc	8030030	460.000	Ft
0340	Sidewalk Ramp, Conc, 4 inch	8030034	4,473.000	Sft
0350	Sidewalk Ramp, Conc, 6 inch	8030036	3,217.000	Sft
0360	Sidewalk, Conc, 4 inch	8030044	10,467.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	1,419.000	Sft
0380	_ Detectable Warning Surface, Modified	8037001	383.000	Ft
0390	Curb Sloped, HMA	8050010	1,292.000	Ft
0400	_ Fence, Temporary, Modified	8087001	200.000	Ft
0410	Rem Spec Mrkg	8110343	420.000	Sft
0420	Recessing Pavt Mrkg, Longit	8110450	8,700.000	Ft
0430	Recessing Pavt Mrkg, Transv	8110451	2,270.000	Sft
0440	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	3,792.000	Ft
0450	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	4,881.000	Ft
0460	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	4,936.000	Ft
0470	_ Pavt Mrkg, Preformed Thermopl, 60 inch Wide Bike Lane Green	8117001	175.000	Ft
0480	_ Pavt Mrkg, Wet Retrflec Poylurea, 12 inch, Crosswalk	8117001	378.000	Ft
0490	_ Pavt Mrkg, Wet Retrflec Poylurea, 24 inch, Stop Bar	8117001	204.000	Ft
0500	_ Pavt Mrkg, Wet Retrflec Poylurea, 6 inch, Crosswalk	8117001	920.000	Ft
0510	_ Pavt Mrkg, Preformed Thermoplastic, Bike Lane and Arrow Sym	8117050	8.000	Ea
0520	_ Pavt Mrkg, Preformed Thermoplastic, Bike Sharrow Sym	8117050	8.000	Ea
0530	_ Pavt Mrkg, Wet Retrflec Poylurea, Rt or Lt Turn Arrow Sym	8117050	2.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0560	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0570	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	6,670.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,860.000	Ft
0610	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0620	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	484.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	484.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM

0660	_ Pedestrian Type II Barricade, Temp	8127050	19.000	Ea
0670	_ Sign, Temporary Business, Operate	8127050	6.000	Ea
0680	_ Dust Control	8127051	1.000	LSUM
0690	_ Turf Establishment	8167011	1,633.000	Syd
0700	Monument Preservation	8210010	1.000	Ea
0710	_ Curb Box in Pavement	8237050	1.000	Ea
0720	_ Valve Box, Adjust	8237050	50.000	Ea
0730	_ Valve Box, Furnish	8237050	50.000	Ea
0740	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dlr



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 062

Letting Date: June 1, 2018

Contract ID: 38075-131206

Description: 1.93 mi of hot mix asphalt shared use path and boardwalk on I-94BL at East Jackson Middle School, Jackson County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131206A	1800689	N/A	TA 38075

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	10.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	6.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	25.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Curb and Gutter, Rem	2040020	500.000	Ft
0070	Fence, Rem	2040025	30.000	Ft
0080	Pavt, Rem	2040050	290.000	Syd
0090	Excavation, Peat	2050017	755.000	Cyd
0100	Subgrade Undercutting, Type I	2050040	200.000	Cyd
0110	_ Backfill, Swamp, Special	2057021	378.000	Cyd
0120	Aggregate, 6A	2060001	230.000	Cyd
0130	Erosion Control, Silt Fence	2080036	8,900.000	Ft
0140	Aggregate Base, 6 inch	3020016	15,000.000	Syd
0150	Shoulder, CI II, 3 inch	3070125	2,350.000	Syd
0160	Geotextile, Stabilization	3080010	620.000	Syd
0170	Culv End Sect, Metal, 12 inch	4010094	8.000	Ea
0180	Culv, CI F, 12 inch	4010607	223.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0220	Dr Structure, Temp Lowering	4030390	2.000	Ea
0230	HMA Surface, Rem	5010005	760.000	Syd
0240	Hand Patching	5010025	30.000	Ton
0250	HMA Approach	5010061	445.000	Ton
0260	Driveway, Reinf Conc, 6 inch	8010001	315.000	Syd
0270	Curb and Gutter, Conc, Det B2	8020016	500.000	Ft
0280	Sidewalk Ramp, Conc, 4 inch	8030034	550.000	Sft

0290	Sidewalk, Conc, 4 inch	8030044	300.000	Sft
0300	_ Detectable Warning Surface, Cast Iron	8037001	100.000	Ft
0310	Shared use Path, HMA	8060040	2,026.000	Ton
0320	_ Shared use Path, Grading, Special	8067001	10,186.000	Ft
0330	Post, Mailbox	8070095	2.000	Ea
0340	_ Fence, Rustic Split Rail	8087001	660.000	Ft
0350	Post, Steel, 3 lb	8100371	488.000	Ft
0360	Post, Wood, 4 inch by 6 inch	8100380	54.000	Ft
0370	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0380	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0390	Sign, Type IIIA	8100404	91.000	Sft
0400	_ Removable Bollard	8107050	2.000	Ea
0410	Pavt Mrkg, Thermopl, 4 inch, White	8110195	224.000	Ft
0420	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	483.000	Ft
0430	Lighted Arrow, Type B, Furn	8120130	1.000	Ea
0440	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	132.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	132.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	_ Pedestrian Type II Barricade, Temp	8127050	30.000	Ea
0520	_ Bench	8157050	3.000	Ea
0530	_ Bike Loop	8157050	2.000	Ea
0540	_ Trash Receptacle	8157050	2.000	Ea
0550	_ Slope Restoration, Modified	8167011	9,214.000	Syd
0560	Hydrant, Relocate, Case 1	8230095	2.000	Ea
0570	Gate Box, Adj, Temp, Case 2	8230392	1.000	Ea
0580	Gate Box, Adj, Case 2	8230432	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 063

Letting Date: June 1, 2018

Contract ID: 36555-119627

Description: 1.43 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate shoulders, guardrail and pavement markings on County Road 424 from 2 Mile Hill to Kolbas, Iron County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119627A	1800649	N/A	STL 36555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,313.000	Ft
0030	HMA Base Crushing and Shaping	3050002	23,530.000	Syd
0040	Approach, CI II, 3 inch	3070025	1,006.000	Syd
0050	Shoulder, CI II, 4 inch	3070126	5,042.000	Syd
0060	HMA, LVSP	5010703	4,640.000	Ton
0070	Guardrail, Type B	8070000	1,313.000	Ft
0080	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0090	Guardrail Reflector	8070080	27.000	Ea
0100	Post, Steel, 3 lb	8100371	32.000	Ft
0110	Sign, Type III, Rem	8100403	3.000	Ea
0120	Sign, Type IIIB	8100405	15.000	Sft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,050.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,148.000	Ft
0150	Recessing Pavt Mrkg, Longit	8110450	15,126.000	Ft
0160	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	15,126.000	Ft
0170	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0180	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	606.000	Ft
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	285.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	285.000	Sft
0230	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0240	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 064

Letting Date: June 1, 2018

Contract ID: 76555-129922

Description: 1.10 mi of hot mix asphalt cold milling, surface removal and resurfacing, concrete joint repair, concrete ramps, signing and pavement markings on West Main Street from the west city limits of Durand to Oak Street and Oak Street from Main Street south to the south city limit of Durand in the city of Durand, Shiawassee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129922A	1800593	N/A	STL 76555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	350.000	Ft
0030	Sidewalk, Rem	2040055	170.000	Syd
0040	Embankment, CIP	2050010	50.000	Cyd
0050	Excavation, Earth	2050016	60.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0080	Subbase, CIP	3010002	30.000	Cyd
0090	_ Dr Structure Repair, Add Depth	4037001	10.000	Ft
0100	_ Dr Structure Repair, Composite Pavt	4037050	30.000	Ea
0110	Cold Milling HMA Surface	5010002	18,000.000	Syd
0120	HMA Surface, Rem	5010005	90.000	Syd
0130	Hand Patching	5010025	60.000	Ton
0140	HMA, 13A	5010033	2,950.000	Ton
0150	HMA Approach	5010061	115.000	Ton
0160	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	100.000	Ft
0170	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	60.000	Ft
0180	Seal, Single Chip	5050001	15,000.000	Syd
0190	Conc Base Cse, Nonreinf, 6 inch	6020015	90.000	Syd
0200	Curb and Gutter, Conc, Det F4	8020038	220.000	Ft
0210	Detectable Warning Surface	8030010	200.000	Ft
0220	Curb Ramp Opening, Conc	8030030	140.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	1,200.000	Sft
0240	Sidewalk, Conc, 4 inch	8030044	500.000	Sft
0250	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	135.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0290	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	9,600.000	Ft
0300	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,000.000	Ft
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	_ Pedestrian Type II Barricade, Temp	8127050	5.000	Ea
0400	Slope Restoration, Type A	8160100	50.000	Syd
0410	Monument Box	8210001	2.000	Ea
0420	Monument Box Adjust	8210005	2.000	Ea
0430	Monument Preservation	8210010	2.000	Ea
0440	Gate Box, Adj, Case 1	8230431	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 065

Letting Date: June 1, 2018

Contract ID: 82000-133423

Description: Sidewalks, crosswalks, signing and ADA ramps at 10 public schools 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
133423A	1800653	N/A	TA 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$153,400.00	1500001	1.000	LSUM
0020	_ Curb, Rem, Modified	2047001	6,300.000	Ft
0030	_ Sidewalk, Rem, Modified	2047011	10,241.000	Syd
0040	Excavation, Earth	2050016	2,531.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0060	Subbase, CIP	3010002	411.000	Cyd
0070	_ Dr Structure Cover, Adj, Case 1, Special	4037050	44.000	Ea
0080	HMA Patch, Rem	5010006	200.000	Syd
0090	Hand Patching	5010025	10.000	Ton
0100	Driveway, Nonreinf Conc, 8 inch	8010007	450.000	Syd
0110	Curb and Gutter, Conc, Det C3	8020022	3,780.000	Ft
0120	Detectable Warning Surface	8030010	2,520.000	Ft
0130	Curb Ramp Opening, Conc	8030030	2,520.000	Ft
0140	Sidewalk Ramp, Conc, 6 inch	8030036	34,195.000	Sft
0150	Sidewalk, Conc, 4 inch	8030044	80,676.000	Sft
0160	Sidewalk, Conc, 6 inch	8030046	8,787.000	Sft
0170	_ Sidewalk, Conc, 4 inch, With Tree Roots, Modified	8037010	360.000	Sft
0180	_ Sidewalk, Conc, 6 inch, With Tree Roots, Modified	8037010	360.000	Sft
0190	Post, Steel, 3 lb	8100371	252.000	Ft
0200	Sign, Type IIIB	8100405	94.000	Sft
0210	_ Driver's Speed Feedback Sign, Solar	8107050	4.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,107.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	260.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	262.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0280	Rem Spec Mrkg	8110343	420.000	Sft
0290	_ Reccessing for Pavt Mrkg, 06 inch	8117001	1,107.000	Ft
0300	_ Reccessing for Pavt Mrkg, 12 inch	8117001	260.000	Ft
0310	_ Reccessing for Pavt Mrkg, 18 inch	8117001	262.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	45.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	45.000	Sft
0410	Seeding, Mixture TUF	8160042	20.000	Lb
0420	Water, Sodding/Seeding	8160090	10.000	Unit
0430	Pedestal, Alum	8200100	3.000	Ea
0440	Pedestal, Fdn	8200105	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 066

Letting Date: June 1, 2018

Contract ID: 38000-130213

Description: 0.95 mi of hot mix asphalt cold milling and resurfacing, widening for shoulder, guardrail and pavement markings on West Michigan Avenue from the M-60 Westbound On/Off Ramp to Glasgow Road, Jackson County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130213A	1800711	N/A	STUL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,500.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Guardrail, Rem	2040035	184.000	Ft
0040	Shoulder, CI II	3070121	320.000	Ton
0050	Trenching	3070200	71.000	Sta
0060	Cold Milling HMA Surface	5010002	16,263.000	Syd
0070	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0080	HMA, 4E1	5010050	3,800.000	Ton
0090	HMA Approach	5010061	120.000	Ton
0100	Guardrail, Type B	8070000	375.000	Ft
0110	Guardrail, Backed, Det G1	8070015	2.000	Ea
0120	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0130	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0140	Guardrail Reflector	8070080	18.000	Ea
0150	_ Post, Mailbox, Modified	8077050	12.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0170	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	10,400.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	11,270.000	Ft
0190	Witness, Log, \$1,000.00	8110350	1.000	Dir
0200	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0210	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,100.000	Ft
0240	Plastic Drum, High Intensity, Furn	8120250	170.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	170.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	335.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	335.000	Sft

0280	Traf Regulator Control	8120370	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 180601 067

Letting Date: June 1, 2018

Contract ID: 14000-202698

Description: 0.27 mi of overband crack filling and microsurfacing, concrete sidewalk and ramps on North Maple Street from M-216 to the north village limit of Marcellus in the village of Marcellus, Cass County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202698A	1800716	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Traf Control Allowance	1027060	3,000.000	Dir
0020	Mobilization, Max \$4,600.00	1500001	1.000	LSUM
0030	Sidewalk, Rem	2040055	125.000	Syd
0040	HMA Surface, Rem	5010005	30.000	Syd
0050	Overband Crack Fill, Lane	5020003	0.500	Lnmi
0060	Micro-Surface, Std	5040001	4,910.000	Syd
0070	Detectable Warning Surface	8030010	60.000	Ft
0080	Sidewalk, Conc, 4 inch	8030044	985.000	Sft
0090	Sidewalk, Conc, 6 inch	8030046	945.000	Sft
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0120	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	150.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	150.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0160	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0170	Slope Restoration, Type B	8160101	275.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 068

Letting Date: June 1, 2018

Contract ID: 63000-202835

Description: 1.56 m of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, drainage, pavement repairs, guardrail and pavement markings on Giddings Road from the south city limits of Auburn Hills northerly to Brown Road in the city of Auburn Hills, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202835A	1800726	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$112,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	3,279.000	Ft
0030	Guardrail, Rem	2040035	150.000	Ft
0040	_ Pavt, Rem, Modified	2047011	1,626.000	Syd
0050	Embankment, CIP	2050010	150.000	Cyd
0060	Excavation, Earth	2050016	150.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0080	Erosion Control, Silt Fence	2080036	100.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	_ Aggregate Base, 4 inch, Modified	3027011	241.000	Syd
0110	_ Aggregate Base, Conditioning, Modified	3027011	1,079.000	Syd
0120	Maintenance Gravel	3060020	250.000	Ton
0130	Dr Structure Cover, Type C	4030015	5.000	Ea
0140	Dr Structure Cover, Type D	4030025	25.000	Ea
0150	Dr Structure Lead, Cleaning, 12 inch	4030112	50.000	Ft
0160	Dr Structure, Cleaning	4030290	50.000	Ea
0170	_ Structure Cover, Adj, Add Depth	4037001	23.000	Ft
0180	_ Inside Structure, Pointing Up	4037050	16.000	Ea
0190	_ Structure Cover, Adj, Case 1	4037050	29.000	Ea
0200	Pavt, Cleaning	5010001	1.000	LSUM
0210	Cold Milling HMA Surface	5010002	31,767.000	Syd
0220	Joint and Crack, Cleanout	5010015	4,000.000	Ft
0230	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0240	Pavt Joint and Crack Repr, Det 8	5010021	600.000	Ft
0250	Hand Patching	5010025	100.000	Ton
0260	HMA, 4E3	5010051	3,481.000	Ton
0270	HMA, 5E3	5010057	3,481.000	Ton

0280	HMA Approach	5010061	734.000	Ton
0290	_ Void Reducing Asphalt Membrane, RCOC	5017001	8,218.000	Ft
0300	_ Conc Base Cse, Nonreinf, 5 inch	6027011	371.000	Syd
0310	_ Driveway with Integral Curb, Nonreinf Conc, 9 inch	8017011	1,079.000	Syd
0320	Curb and Gutter, Conc, Det D2	8020031	745.000	Ft
0330	Driveway Opening, Conc, Det M	8020050	2,514.000	Ft
0340	Spillway, Conc	8020075	20.000	Ft
0350	Curb Ramp Opening, Conc	8030030	20.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	1,300.000	Sft
0370	_ Detectable Warning Surface, Modified	8037001	72.000	Ft
0380	Shared use Path, HMA	8060040	20.000	Ton
0390	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0400	_ Post, Mailbox, Remove and Reset	8077050	4.000	Ea
0410	Post, Steel, 3 lb	8100371	28.000	Ft
0420	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0430	Sign, Type IIIB	8100405	4.000	Sft
0440	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	8,953.000	Ft
0450	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	488.000	Ft
0460	Pavt Mrkg, Polyurea, 6 inch, White	8110094	123.000	Ft
0470	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	168.000	Ft
0480	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	163.000	Ft
0490	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0500	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	347.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	347.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	98.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	98.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	_ Turf Establishment, Performance	8167011	1,085.000	Syd
0620	Conduit, DB, 1, 1 1/4 inch	8190026	125.000	Ft
0630	Pedestal, Alum	8200100	1.000	Ea
0640	Pedestal, Fdn	8200105	1.000	Ea
0650	Pushbutton and Sign	8200121	4.000	Ea
0660	Pushbutton, Rem	8200122	8.000	Ea
0670	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0680	TS, Pedestrian, One Way Bracket Arm Mtd, Salv	8200226	2.000	Ea
0690	_ Pushbutton Support Post, RCOC	8207050	3.000	Ea
0700	Monument Box Adjust	8210005	3.000	Ea

0710	Monument Preservation	8210010	3.000	Ea
0720	_ Sprinkler Line	8237001	250.000	Ft
0730	_ Irrigation Control Box, Relocate	8237050	1.000	Ea
0740	_ Irrigation Control Box, Replace	8237050	1.000	Ea
0750	_ Sprinkler Head, Relocate	8237050	25.000	Ea
0760	_ Sprinkler Head, Replace	8237050	25.000	Ea



5/4/2018 8:39 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 069

Letting Date: June 1, 2018

Contract ID: 63000-202236

Description: 1.14 mi of hot mix asphalt reconstruction, widening, cold milling, resurfacing, chip seal, aggregate base, drainage, pavement repairs, concrete curb, gutter, sidewalk and ramps, guardrail and traffic signals on North Adams Road from Square Lake Road to South Boulevard in the city of Troy, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202236A	1800710	N/A	NH 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$167,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0060	Curb and Gutter, Rem	2040020	111.000	Ft
0070	Pavt, Rem	2040050	1,810.000	Syd
0080	Sidewalk, Rem	2040055	120.000	Syd
0090	Utility Pole, Rem	2040070	3.000	Ea
0100	_ Wood Post, Rem	2047050	32.000	Ea
0110	Embankment, CIP	2050010	2,060.000	Cyd
0120	Excavation, Earth	2050016	709.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0150	_ Ditching, RCOC	2057001	398.000	Ft
0160	_ Erosion Control, Check Dam, Stone, RCOC	2087001	125.000	Ft
0170	_ Erosion Control, Silt Fence, RCOC	2087001	900.000	Ft
0180	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	27.000	Ea
0190	_ Erosion Control, Inlet Protection, Sediment Trap, RCOC	2087050	4.000	Ea
0200	Aggregate Base, Conditioning	3020050	1,133.000	Syd
0210	_ Aggregate Base, 12 inch, CIP, 21AA, RCOC	3027011	4,266.000	Syd
0220	_ Aggregate Base, 4 inch, CIP, 21AA, RCOC	3027011	152.000	Syd
0230	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	541.000	Syd
0240	_ Aggregate Base, 8 inch, CIP, 21AA, RCOC	3027011	4.000	Syd
0250	Maintenance Gravel, LM	3060021	65.000	Cyd

0260	Shoulder, CI I	3070101	411.000	Ton
0270	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0280	Sewer, CI IV, 12 inch, Tr Det B	4020987	48.000	Ft
0290	Sewer, CI IV, 15 inch, Tr Det B	4020988	897.000	Ft
0300	Sewer, CI IV, 18 inch, Tr Det B	4020989	147.000	Ft
0310	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0320	Dr Structure Cover, Type B	4030010	7.000	Ea
0330	Dr Structure Cover, Type J	4030045	13.000	Ea
0340	Dr Structure Lead, Cleaning, 12 inch	4030112	100.000	Ft
0350	Dr Structure Lead, Cleaning, 15 inch	4030115	100.000	Ft
0360	Dr Structure Lead, Cleaning, 18 inch	4030118	50.000	Ft
0370	Dr Structure, 24 inch dia	4030200	2.000	Ea
0380	Dr Structure, 48 inch dia	4030210	13.000	Ea
0390	Dr Structure, Adj, Add Depth	4030280	30.000	Ft
0400	Dr Structure, Cleaning	4030290	30.000	Ea
0410	Dr Structure, Temp Lowering	4030390	5.000	Ea
0420	_ Public Utility Structure , Adj, Add Depth	4037001	30.000	Ft
0430	_ Public Utility Structure Cover, Adj, Case 1	4037050	13.000	Ea
0440	_ Public Utility Structure, Temp Lowering	4037050	11.000	Ea
0450	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0460	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0470	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	2,447.000	Ft
0480	_ Culvert Cleanout	4067001	179.000	Ft
0490	HMA Surface, Rem	5010005	1,479.000	Syd
0500	Pavt Joint and Crack Repr, Det 7	5010020	2,200.000	Ft
0510	Pavt Joint and Crack Repr, Det 8	5010021	1,800.000	Ft
0520	Hand Patching	5010025	712.000	Ton
0530	HMA, 3E3	5010045	923.000	Ton
0540	HMA, 5E3	5010057	5,554.000	Ton
0550	HMA Approach	5010061	440.000	Ton
0560	_ Joint, HMA Plane of Weakness	5017001	16,900.000	Ft
0570	_ Pavt, Cleaning, RCOC	5017001	1.000	Ft
0580	_ Micro Cold Milling, RCOC	5017011	27,860.000	Syd
0590	_ HMA Approach (Residential)	5017031	24.000	Ton
0600	_ Seal, Single Chip, RCOC	5057011	30,311.000	Syd
0610	Conc Base Cse, Nonreinf, 7 inch	6020017	6.000	Syd
0620	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0630	Driveway, Nonreinf Conc, 6 inch	8010005	65.000	Syd
0640	Curb and Gutter, Conc, Det B2	8020016	2,819.000	Ft
0650	Curb and Gutter, Conc, Det B3	8020017	10.000	Ft
0660	_ Spillway, Conc, RCOC	8027001	100.000	Ft
0670	Curb Ramp Opening, Conc	8030030	101.000	Ft
0680	Sidewalk Ramp, Conc, 4 inch	8030034	504.000	Sft
0690	Sidewalk Ramp, Conc, 6 inch	8030036	434.000	Sft
0700	Sidewalk, Conc, 4 inch	8030044	372.000	Sft

0710	_ Detectable Warning Surface, City of Troy	8037001	36.000	Ft
0720	Guardrail, Type B	8070000	388.000	Ft
0730	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0740	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0750	Fence, Protective	8080007	100.000	Ft
0760	Post, Steel, 3 lb	8100371	498.000	Ft
0770	Sign, Type II, Rem	8100397	3.000	Ea
0780	Sign, Type IIA	8100398	65.000	Sft
0790	Sign, Type III, Erect, Salv	8100402	27.000	Ea
0800	Sign, Type III, Rem	8100403	30.000	Ea
0810	Sign, Type IIIB	8100405	51.000	Sft
0820	_ Post, Flexible, Delineator, RCOC	8107050	6.000	Ea
0830	_ Street Sign Post	8107050	6.000	Ea
0840	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	11,620.000	Ft
0850	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,960.000	Ft
0860	Rem Spec Mrkg	8110343	200.000	Sft
0870	_ Pavt Mrkg, Cold Plastic, 12 inch, Cross Hatching, Yellow	8117001	35.000	Ft
0880	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	300.000	Ft
0890	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	1,075.000	Ft
0900	_ Pavt Mrkg, Type NR, 18 inch, Stop Bar, Temp	8117001	410.000	Ft
0910	_ Pavt Mrkg, Type R, 18 inch, Stop Bar, Temp	8117001	410.000	Ft
0920	_ Pavt Mrkg, Cold Plastic, Left-Turn Arrow Symbol	8117050	3.000	Ea
0930	_ Pavt Mrkg, Type NR, Left-Turn Arrow Symbol, Temp	8117050	4.000	Ea
0940	_ Pavt Mrkg, Type NR, Only, Temp	8117050	4.000	Ea
0950	_ Pavt Mrkg, Type R, Combo Thru-Right-Turn Arrow Symbol, Temp	8117050	1.000	Ea
0960	_ Pavt Mrkg, Type R, Left-Turn Arrow Symbol, Temp	8117050	4.000	Ea
0970	_ Pavt Mrkg, Type R, Only, Temp	8117050	8.000	Ea
0980	_ Pavt Mrkg, Type R, Right-Turn Arrow Symbol, Temp	8117050	4.000	Ea
0990	_ Pavt Mrkg, Type R, Thru Arrow Symbol, Temp	8117050	1.000	Ea
1000	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
1010	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
1020	Channelizing Device, 42 inch, Furn	8120030	400.000	Ea
1030	Channelizing Device, 42 inch, Oper	8120031	400.000	Ea
1040	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1050	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1060	Minor Traf Devices	8120170	1.000	LSUM
1070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,100.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	330.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,200.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,500.000	Ft

1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
1120	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
1130	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
1140	Sign Cover	8120310	10.000	Ea
1150	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1160	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1170	Sign, Type A, Temp, Prismatic, Furn	8120340	165.000	Sft
1180	Sign, Type A, Temp, Prismatic, Oper	8120341	165.000	Sft
1190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
1200	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
1220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
1230	Traf Regulator Control	8120370	1.000	LSUM
1240	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
1250	_ Riprap, Plain, RCOC	8137011	62.000	Syd
1260	_ Turf Establishment, Sod, Performance, RCOC	8167011	2,747.000	Syd
1270	_ Turf Establishment, TUF Seed, Regular Mulch, Performance, RCOC	8167011	2,140.000	Syd
1280	Cable, Rem	8190016	250.000	Ft
1290	Conduit, DB, 1, 1 1/4 inch	8190026	285.000	Ft
1300	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
1310	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1320	Conduit, DB, 2, 3 inch	8190032	30.000	Ft
1330	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
1340	Conduit, DB, 3, 4 inch	8190036	30.000	Ft
1350	Hh, Rem	8190254	5.000	Ea
1360	Hh, Round	8190260	6.000	Ea
1370	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1380	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
1390	Wood Pole, Rem	8190505	2.000	Ea
1400	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	200.000	Ft
1410	_ Cable, Shielded, 600V, 1, 2/C#16	8197001	400.000	Ft
1420	_ Hh, Square, RCOC	8197050	2.000	Ea
1430	Case Sign, Rem	8200020	9.000	Ea
1440	Controller and Cabinet, Rem	8200030	2.000	Ea
1450	Controller Fdn, Base Mount	8200045	2.000	Ea
1460	Controller Fdn, Rem	8200046	2.000	Ea
1470	Fdn, Rem	8200065	4.000	Ea
1480	Pedestal, Fdn	8200105	2.000	Ea
1490	Pushbutton and Sign	8200121	14.000	Ea
1500	Pushbutton, Rem	8200122	10.000	Ea
1510	Serv Disconnect, Rem	8200136	1.000	Ea
1520	Span Wire, Rem	8200141	2.000	Ea
1530	Steel Pole, Rem	8200145	4.000	Ea

1540	Traf Loop, Presence	8200171	30.000	Ea
1550	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
1560	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
1570	TS, Span Wire Mtd, Rem	8200182	10.000	Ea
1580	TS, One Way Span Wire Mtd (LED)	8200313	12.000	Ea
1590	TS, One Way Span Wire Mtd, FYA (LED)	8200314	8.000	Ea
1600	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1610	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	6.000	Ea
1620	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1630	Wireless Vehicle Sensor Node, Salv	8200427	15.000	Ea
1640	TS, Bag	8200450	3.000	Ea
1650	TS, Bag, Rem	8200451	3.000	Ea
1660	Strain Pole, Steel, 6 bolt, 36 foot	8200461	5.000	Ea
1670	Strain Pole Fdn, 6 Bolt	8200470	75.000	Ft
1680	Casing	8200480	55.000	Ft
1690	_ Autoscope Camera, Rem, RCOC	8207050	7.000	Ea
1700	_ Bracket Arm, Rem, RCOC	8207050	8.000	Ea
1710	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	2.000	Ea
1720	_ Controller and Cabinet, Digital Type, RCOC	8207050	2.000	Ea
1730	_ Optical and GPS Priority Control System, RCOC	8207050	1.000	Ea
1740	_ Pedestal, Alum, RCOC	8207050	2.000	Ea
1750	_ Pushbutton Support Post, RCOC	8207050	8.000	Ea
1760	_ Span Wire, Box, RCOC	8207050	2.000	Ea
1770	_ Support Post, Rem, RCOC	8207050	10.000	Ea
1780	_ Tether Wire, Box, RCOC	8207050	2.000	Ea
1790	_ TS, One Way Span Wire Mtd, Five Sect (LED), RCOC	8207050	4.000	Ea
1800	Monument Box	8210001	4.000	Ea
1810	Monument Box Adjust	8210005	5.000	Ea
1820	_ Sprinkler Line	8237001	50.000	Ft
1830	_ Sprinkler Head, Relocate	8237050	4.000	Ea
1840	_ Sprinkler Head, Replace	8237050	4.000	Ea
1850	_ Valve Box, Adj, Case 1	8237050	2.000	Ea
1860	_ Water Shutoff, Adj, Case 1, RCOC	8237050	2.000	Ea
1870	_ Reimbursed Permit Fees	8507060	2,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 180601 070

Letting Date: June 1, 2018

Contract ID: 63091-132117

Description: 5.02 mi of hot mix asphalt cold milling and resurfacing, modernize traffic signal, installation of pedestal, pushbutton, traffic loop vehicle detection system, detail 7 joint repairs, drainage structure repairs, signal work and pavement markings on I-75 BL at various locations in the cities of Pontiac and Auburn Hills, Oakland County. This project includes a 3 year material and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132117A	1800786	N/A	NH 63091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$590,900.00	1500001	1.000	LSUM
0030	Sewer, Rem, Less than 24 inch	2030015	33.000	Ft
0040	Curb and Gutter, Rem	2040020	3,057.000	Ft
0050	Pavt, Rem	2040050	2,080.000	Syd
0060	Sidewalk, Rem	2040055	1,649.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0080	Ditch Cleanout	2050006	2.000	Sta
0090	Embankment, CIP	2050010	404.000	Cyd
0100	Excavation, Earth	2050016	1,573.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0120	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	272.000	Ea
0140	Erosion Control, Silt Fence	2080036	220.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	374.000	Cyd
0170	Aggregate Base, 10 inch	3020026	89.000	Syd
0180	_ Open-Graded Dr Cse, 16 inch	3037011	1,479.000	Syd
0190	Geotextile, Separator	3080005	1,636.000	Syd
0200	Sewer, Cl A, 12 inch, Tr Det B	4020033	33.000	Ft
0210	Sewer Tap, 12 inch	4021204	1.000	Ea
0220	Dr Structure Cover, Adj, Case 1, Modified	4030004	174.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0250	Dr Structure Cover, Type B	4030010	11.000	Ea
0260	Dr Structure Cover, Type K	4030050	15.000	Ea

0270	Dr Structure, 48 inch dia	4030210	1.000	Ea
0280	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0290	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0300	_ Dr Structure Repair, Add Depth	4037001	27.000	Ft
0310	_ Dr Structure Cover, ADA Compliant	4037050	5.000	Ea
0320	_ Dr Structure Repair, Composite Pavt	4037050	87.000	Ea
0330	Underdrain, Pipe, Open-Graded, 6 inch	4040043	515.000	Ft
0340	Cold Milling HMA Surface	5010002	261,972.000	Syd
0350	HMA Surface, Rem	5010005	165.000	Syd
0360	HMA Quality Initiative	5010007	54,398.000	Dlr
0370	Longitudinal Joint Density Quality Initiative	5010018	105,475.000	Dlr
0380	Pavt Joint and Crack Repr, Det 7	5010020	71,280.000	Ft
0390	Hand Patching	5010025	3,920.000	Ton
0400	HMA, 5E3	5010057	18,746.000	Ton
0410	HMA Approach	5010061	3,955.000	Ton
0420	HMA Approach, High Stress	5010520	578.000	Ton
0430	Joint, Contraction, Cp	6020200	5,292.000	Ft
0440	Cement	6030005	51.000	Ton
0450	Cold Milling Conc Pavt	6030014	2,940.000	Syd
0460	Joint, Contraction, Crg	6030020	13,230.000	Ft
0470	Lane Tie, Epoxy Anchored	6030030	2,861.000	Ea
0480	Non-Chloride Accelerator	6030035	1,960.000	Gal
0490	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,940.000	Syd
0500	Pavt Repr, Rem	6030080	2,940.000	Syd
0510	_ Pedestrian Path, Temp	8007001	240.000	Ft
0520	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0530	_ Roadside Unit, Intersection	8007050	1.000	Ea
0540	Curb, Conc, Det E2	8020002	112.000	Ft
0550	Curb and Gutter, Conc, Det B1	8020015	40.000	Ft
0560	Curb and Gutter, Conc, Det C1	8020020	378.000	Ft
0570	Curb and Gutter, Conc, Det C2	8020021	300.000	Ft
0580	Curb and Gutter, Conc, Det C3	8020022	751.000	Ft
0590	Curb and Gutter, Conc, Det C5	8020024	63.000	Ft
0600	Curb and Gutter, Conc, Det F5	8020039	160.000	Ft
0610	Curb and Gutter, Conc, Det F6	8020040	210.000	Ft
0620	Driveway Opening, Conc, Det M	8020050	66.000	Ft
0630	Detectable Warning Surface	8030010	943.000	Ft
0640	Curb Ramp Opening, Conc	8030030	1,352.000	Ft
0650	Sidewalk Ramp, Conc, 4 inch	8030034	17,217.000	Sft
0660	Sidewalk, Conc, 4 inch	8030044	756.000	Sft
0670	Post, Steel, 3 lb	8100371	260.000	Ft
0680	Sign, Type III, Rem	8100403	2.000	Ea
0690	Sign, Type IIIB	8100405	113.000	Sft
0700	_ Post, Rem	8107050	5.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym,	8110049	97.000	Ea

	Bike			
0720	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	97.000	Ea
0730	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	24.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	48.000	Ea
0750	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	24.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, School	8110074	6.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	5.000	Ea
0810	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,048.000	Ft
0820	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,886.000	Ft
0830	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	264.000	Ft
0840	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	321.000	Ft
0850	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,413.000	Ft
0860	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	25,975.000	Ft
0870	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	50,311.000	Ft
0880	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	52,028.000	Ft
0890	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	100.000	Ft
0900	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	2,198.000	Ft
0910	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	2,090.000	Ft
0920	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0930	Barricade, Type III, High Intensity, Lighted, Furn	8120022	24.000	Ea
0940	Barricade, Type III, High Intensity, Lighted, Oper	8120023	24.000	Ea
0950	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0960	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0970	Ltg for Night Work	8120160	1.000	LSUM
0980	Minor Traf Devices	8120170	1.000	LSUM
0990	Mobile Attenuator	8120180	1.000	Ea
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	40.000	Ft
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	50,000.000	Ft
1020	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	20,000.000	Ft
1030	Plastic Drum, High Intensity, Furn	8120250	1,200.000	Ea
1040	Plastic Drum, High Intensity, Oper	8120251	1,200.000	Ea
1050	Sign Cover	8120310	20.000	Ea
1060	Sign, Type B, Temp, Prismatic, Furn	8120350	4,800.000	Sft
1070	Sign, Type B, Temp, Prismatic, Oper	8120351	4,800.000	Sft
1080	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	240.000	Sft
1090	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	240.000	Sft
1100	Traf Regulator Control	8120370	1.000	LSUM
1110	_ Pedestrian Type II Barricade, Temp	8127050	24.000	Ea
1120	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea

1130	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
1140	Slope Restoration, Type B	8160101	6,154.000	Syd
1150	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
1160	Cable Pole, TS, Disman	8190010	1.000	Ea
1170	Cable, Sec, Rem	8190017	200.000	Ft
1180	Conduit, DB, 1, 1 1/2 inch	8190027	550.000	Ft
1190	Conduit, DB, 2, 3 inch	8190032	35.000	Ft
1200	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
1210	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1220	Conduit, Rem	8190140	150.000	Ft
1230	Hh, Adj	8190244	1.000	Ea
1240	Hh, Rem	8190254	5.000	Ea
1250	Hh, Round, 3 foot dia	8190259	1.000	Ea
1260	Hh, Round	8190260	10.000	Ea
1270	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
1280	Wood Pole, Cl 4, 45 foot	8190474	2.000	Ea
1290	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
1300	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1310	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	4.000	Ea
1320	Case Sign, Rem	8200020	7.000	Ea
1330	Controller and Cabinet, Rem	8200030	1.000	Ea
1340	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1350	Case Sign, Salv	8200039	2.000	Ea
1360	Controller Fdn, Base Mount	8200045	1.000	Ea
1370	Controller Fdn, Rem	8200046	1.000	Ea
1380	Digital Loop Detector	8200055	2.000	Ea
1390	Fdn, Rem	8200065	2.000	Ea
1400	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1410	Pedestal, Alum	8200100	4.000	Ea
1420	Pedestal Fdn, Flush	8200103	1.000	Ea
1430	Pedestal, Fdn	8200105	22.000	Ea
1440	Pedestal Fdn, Rem	8200106	1.000	Ea
1450	Pedestal, Rem	8200110	1.000	Ea
1460	Pushbutton and Sign	8200121	26.000	Ea
1470	Pushbutton, Rem	8200122	10.000	Ea
1480	Pushbutton Pedestal, Alum	8200123	19.000	Ea
1490	Serv Disconnect	8200135	1.000	Ea
1500	Serv Disconnect, Rem	8200136	1.000	Ea
1510	Span Wire	8200140	5.000	Ea
1520	Span Wire, Rem	8200141	1.000	Ea
1530	Span Wire Tether	8200142	4.000	Ea
1540	Steel Pole, Rem	8200145	2.000	Ea
1550	Traf Loop	8200170	27.000	Ea
1560	TS, Bracket Arm Mtd, Rem	8200175	3.000	Ea

1570	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1580	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
1590	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1600	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
1610	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
1620	TS, One Way Span Wire Mtd (LED)	8200313	10.000	Ea
1630	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
1640	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1650	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
1660	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	5.000	Ea
1670	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1680	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1690	Bracket, Truss, With 6 Foot Arm	8200374	1.000	Ea
1700	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
1710	Video Traf Detection Camera	8200381	2.000	Ea
1720	Video Traf Detection Camera, Rem	8200384	4.000	Ea
1730	Bracket, Truss, Rem	8200388	4.000	Ea
1740	TS, Bag	8200450	12.000	Ea
1750	TS, Bag, Rem	8200451	12.000	Ea
1760	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1770	Strain Pole, Steel, 6 bolt, 40 foot	8200462	2.000	Ea
1780	Strain Pole Fdn, 6 Bolt	8200470	61.000	Ft
1790	Casing	8200480	26.000	Ft
1800	Cellular Modem, TS, 4G	8200498	1.000	Ea
1810	Backplate, TS	8200501	12.000	Ea
1820	_ Video Traf Detection Camera and Processor	8207050	6.000	Ea
1830	Monument Box Adjust	8210005	5.000	Ea
1840	Protect Corners	8210020	5.000	Ea
1850	Water Shutoff, Adj, Case 1	8230421	62.000	Ea
1860	Contractor Staking, Road Only	8240007	1.000	LSUM
1870	Staking Plan Errors and Extras, One Person	8240020	47.000	Hr
1880	Staking Plan Errors and Extras, Two Person	8240021	19.000	Hr
1890	Staking Plan Errors and Extras, Three Person	8240022	29.000	Hr
1900	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1910	Flowable Fill, Non-Structural	8260148	50.000	Cyd



Schedule of Pay Items

Report v1

Letting Call: 180601 071

Letting Date: June 1, 2018

Contract ID: 33172-201171

Description: 12.92 mi of intermittent full depth concrete pavement repairs on US-127 from I-69 to I-496 and I-69 from US-127 to the Ingham/Shiawasee County Line in the cities of Lansing and East Lansing, Ingham and Clinton Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201171A	N/A	N/A	GF18 33172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$206,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Joint, Contraction, Cp	6020200	6,189.000	Ft
0040	Joint, Expansion, E2	6020207	1,664.000	Ft
0050	Cement	6030005	100.000	Ton
0060	Joint, Contraction, Crg	6030020	6,432.000	Ft
0070	Lane Tie, Epoxy Anchored	6030030	875.000	Ea
0080	Non-Chloride Accelerator	6030035	2,083.000	Gal
0090	Pavt Repr, Nonreinf Conc, 10 inch	6030048	3,787.000	Syd
0100	Pavt Repr, Rem	6030080	3,787.000	Syd
0110	Saw Cut, Intermediate	6030090	3,275.000	Ft
0120	_ Joint, Tied, Special	6037001	34,288.000	Ft
0130	_ Pavt Repr, Nonreinf Conc, 10 inch, Special	6037011	8,630.000	Syd
0140	_ Pavt Repr, Rem, Special	6037011	8,630.000	Syd
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Ltg for Night Work	8120160	1.000	LSUM
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0250	Sign Cover	8120310	10.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea

0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0280	Sign, Type A, Temp, Prismatic, Furn	8120340	31.000	Sft
0290	Sign, Type A, Temp, Prismatic, Oper	8120341	31.000	Sft
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	2,850.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	2,850.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	550.000	Sft
0330	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	550.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 180601 072

Letting Date: June 1, 2018

Contract ID: 70023-201572

Description: 1.38 mi of hot mix asphalt reconstruction, weave lane, roadway realignment, concrete sidewalk, curb, gutter, culverts, drainage, sewer, traffic signal and pavement markings on I-196BL from Homestead Drive to I-196 and M-121 at I-196BL, Ottawa County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201572A	1800769	N/A	CM 70023
202084A	1800782	N/A	HSIP 70023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$573,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0050	Dr Structure, Rem	2030011	10.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	360.000	Ft
0070	_ Monitoring Well, Adjust	2037050	5.000	Ea
0080	Curb and Gutter, Rem	2040020	972.000	Ft
0090	Fence, Rem	2040025	70.000	Ft
0100	Guardrail, Rem	2040035	55.000	Ft
0110	Gutter, Rem	2040040	235.000	Ft
0120	Pavt, Rem	2040050	40,033.000	Syd
0130	Sidewalk, Rem	2040055	112.000	Syd
0140	Exploratory Investigation, Vertical	2040080	10.000	Ft
0150	Excavation, Earth	2050016	97,806.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	400.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0180	_ Embankment, CIP, Special	2057021	17,358.000	Cyd
0190	_ Phragmites Plant Material Handling and Disposal, LM	2057021	100.000	Cyd
0200	Aggregate, 6A	2060001	25.000	Cyd
0210	Obliterate Old Road	2070001	6.000	Sta
0220	Erosion Control, Check Dam, Stone	2080012	183.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea

0250	Erosion Control, Maintenance, Sediment Removal	2080026	12.000	Cyd
0260	Erosion Control, Sediment Trap	2080034	25.000	Ea
0270	Erosion Control, Silt Fence	2080036	2,023.000	Ft
0280	Subbase, CIP	3010002	36,927.000	Cyd
0290	Aggregate Base, 4 inch	3020010	42.000	Syd
0300	Aggregate Base, 6 inch	3020016	47,061.000	Syd
0310	_ Aggregate Base, 7.25 inch	3027011	18,492.000	Syd
0320	Shoulder, CI II, 6 inch	3070128	4,217.000	Syd
0330	Trenching	3070200	18.000	Sta
0340	Culv End Sect, 12 inch	4010012	6.000	Ea
0350	Culv End Sect, 15 inch	4010015	2.000	Ea
0360	Culv End Sect, 24 inch	4010024	1.000	Ea
0370	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0380	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0390	Culv, CI A, 12 inch	4010131	88.000	Ft
0400	Culv, CI A, 18 inch	4010133	272.000	Ft
0410	Culv, CI A, Conc, 15 inch	4010166	6.000	Ft
0420	Culv, CI A, Conc, 18 inch	4010167	70.000	Ft
0430	Culv, CI F, 12 inch	4010607	32.000	Ft
0440	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	4.000	Ea
0450	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	1.000	Ea
0460	_ Culvert Cleanout	4017001	336.000	Ft
0470	Sewer, CI A, 12 inch, Tr Det B	4020033	365.000	Ft
0480	Sewer, CI A, 18 inch, Tr Det B	4020035	642.000	Ft
0490	Sewer, CI A, 24 inch, Tr Det B	4020036	185.000	Ft
0500	Sewer, CI A, 12 inch, Tr Det E	4020123	116.000	Ft
0510	Sewer, CI E, 12 inch, Tr Det B	4020600	40.000	Ft
0520	Sewer Tap, 12 inch	4021204	1.000	Ea
0530	Sewer Tap, 18 inch	4021206	1.000	Ea
0540	Trench Undercut and Backfill	4021260	100.000	Cyd
0550	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0560	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0570	Dr Structure Cover, Type B	4030010	1.000	Ea
0580	Dr Structure Cover, Type D	4030025	1.000	Ea
0590	Dr Structure Cover, Type G	4030040	6.000	Ea
0600	Dr Structure Cover, Type J	4030045	10.000	Ea
0610	Dr Structure Cover, Type K	4030050	1.000	Ea
0620	Dr Structure, 24 inch dia	4030200	3.000	Ea
0630	Dr Structure, 48 inch dia	4030210	12.000	Ea
0640	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft
0650	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0660	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0670	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0680	Dr Structure, Temp Lowering	4030390	1.000	Ea

0690	Underdrain, Bank, 6 inch	4040003	100.000	Ft
0700	Underdrain, Subbase, 6 inch	4040063	21,224.000	Ft
0710	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0720	Underdrain Outlet, 6 inch	4040093	1,736.000	Ft
0730	Underdrain, Outlet Ending, 6 inch	4040113	86.000	Ea
0740	_ Underdrain Outlet, 6 inch, Modified	4047001	200.000	Ft
0750	Cold Milling HMA Surface	5010002	920.000	Syd
0760	HMA Surface, Rem	5010005	18,916.000	Syd
0770	HMA Quality Initiative	5010007	47,960.000	Dlr
0780	Longitudinal Joint Density Quality Initiative	5010018	51,500.000	Dlr
0790	Hand Patching	5010025	22.000	Ton
0800	HMA, 2E10	5010040	5,210.000	Ton
0810	HMA, 3E3	5010045	5,175.000	Ton
0820	HMA Approach	5010061	1,507.000	Ton
0830	HMA, 4E3, High Stress	5010509	3,429.000	Ton
0840	HMA, 4E10, High Stress	5010510	2,634.000	Ton
0850	HMA, 5E3, High Stress	5010515	2,396.000	Ton
0860	HMA, 5E10, High Stress	5010516	1,794.000	Ton
0870	HMA Approach, High Stress	5010520	1,813.000	Ton
0880	HMA, Temp Pavt (4E3)	5010805	530.000	Ton
0890	HMA, Temp Pavt (5E3)	5010806	540.000	Ton
0900	_ Managed Field Ethernet Switch, Fiber Capable	8007050	4.000	Ea
0910	_ Roadside Unit, Intersection	8007050	4.000	Ea
0920	Curb and Gutter, Conc, Det B2	8020016	2,641.000	Ft
0930	Curb and Gutter, Conc, Det F4	8020038	376.000	Ft
0940	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0950	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0960	Valley Gutter, Conc	8020060	235.000	Ft
0970	Spillway, Conc	8020075	55.000	Ft
0980	_ Curb and Gutter, Conc, Det B2, Modified	8027001	828.000	Ft
0990	Detectable Warning Surface	8030010	42.000	Ft
1000	Curb Ramp Opening, Conc	8030030	32.000	Ft
1010	Sidewalk Ramp, Conc, 6 inch	8030036	310.000	Sft
1020	Sidewalk, Conc, 4 inch	8030044	140.000	Sft
1030	Sidewalk, Conc, 6 inch	8030046	7,338.000	Sft
1040	Shared use Path, HMA	8060040	2.000	Ton
1050	Fence, Woven Wire with Steel Post	8080002	25.000	Ft
1060	Delineator Reflector, Red	8100131	40.000	Ea
1070	Delineator Reflector, Yellow	8100132	60.000	Ea
1080	Delineator Reflector, Green	8100133	180.000	Ea
1090	Delineator Reflector, White	8100134	80.000	Ea
1100	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	6.000	Ea
1110	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	1.000	Ea
1120	Delineator, Reflective Sheeting, 3 inch by 12 inch,	8100146	6.000	Ea

Yellow				
1130	Perforated Steel Square Tube Breakaway System	8100330	5.000	Ea
1140	Delineator, Rem	8100349	160.000	Ea
1150	Post, Flexible, Delineator	8100360	7.000	Ea
1160	Post, Rigid, Delineator	8100361	320.000	Ea
1170	Post, Steel, 3 lb	8100371	1,624.000	Ft
1180	Post, Wood, 4 inch by 6 inch	8100380	260.000	Ft
1190	Post, Wood, 6 inch by 8 inch	8100382	208.000	Ft
1200	Sign, Type I, Rem	8100391	3.000	Ea
1210	Sign, Type II, Erect, Salv	8100396	7.000	Ea
1220	Sign, Type II, Rem	8100397	22.000	Ea
1230	Sign, Type IIA	8100398	119.000	Sft
1240	Sign, Type IIB	8100399	135.000	Sft
1250	Sign, Type III, Rem	8100403	128.000	Ea
1260	Sign, Type IIIA	8100404	226.000	Sft
1270	Sign, Type IIIB	8100405	381.000	Sft
1280	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	21.000	Ea
1290	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
1300	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	15.000	Ea
1310	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
1320	Pavt Mrkg, Polyurea, 4 inch, White	8110091	7,060.000	Ft
1330	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,324.000	Ft
1340	Pavt Mrkg, Polyurea, 6 inch, White	8110094	11,716.000	Ft
1350	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	7,654.000	Ft
1360	Pavt Mrkg, Polyurea, 8 inch, White	8110096	460.000	Ft
1370	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	45.000	Ft
1380	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	40.000	Ft
1390	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	837.000	Ft
1400	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,230.000	Ft
1410	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	65.000	Ft
1420	Rem Spec Mrkg	8110343	792.000	Sft
1430	Recessing Pavt Mrkg, Longit	8110450	29,250.000	Ft
1440	Recessing Pavt Mrkg, Transv	8110451	950.000	Sft
1450	Recessing Pavt Mrkg, Turning Guide Line	8110452	30.000	Sft
1460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	43.000	Ea
1470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	43.000	Ea
1480	Ltg for Night Work	8120160	1.000	LSUM
1490	Minor Traf Devices	8120170	1.000	LSUM
1500	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
1510	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,379.000	Ft
1520	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	820.000	Ft
1530	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	19,660.000	Ft
1540	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120236	15,850.000	Ft

	Yellow, Temp			
1550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,850.000	Ft
1560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,140.000	Ft
1570	Plastic Drum, High Intensity, Furn	8120250	230.000	Ea
1580	Plastic Drum, High Intensity, Oper	8120251	230.000	Ea
1590	Sign Cover	8120310	15.000	Ea
1600	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
1610	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
1620	Sign, Type B, Temp, Prismatic, Furn	8120350	1,385.000	Sft
1630	Sign, Type B, Temp, Prismatic, Oper	8120351	1,385.000	Sft
1640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	283.000	Sft
1650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	283.000	Sft
1660	_ Pedestrian Type II Channelizer, Temp	8127001	140.000	Ft
1670	_ Sign, Portable, Changeable Message, NTCIP Compliant, Furn	8127050	5.000	Ea
1680	_ Sign, Portable, Changeable Message, NTCIP Compliant, Oper	8127050	5.000	Ea
1690	_ Tubular Marker	8127050	450.000	Ea
1700	_ Tubular Marker, Replacement	8127050	100.000	Ea
1710	Riprap, Plain	8130010	47.000	Syd
1720	Slope Restoration, Type A	8160100	46,262.000	Syd
1730	Slope Restoration, Type B	8160101	23,000.000	Syd
1740	Slope Restoration, Type C	8160102	1,000.000	Syd
1750	Slope Restoration, Type D	8160103	500.000	Syd
1760	Cable Pole, Sec, Disman	8190006	2.000	Ea
1770	Cable Pole, TS and Intercn, Disman	8190008	1.000	Ea
1780	Conduit, DB, 1, 1 1/2 inch	8190027	315.000	Ft
1790	Conduit, DB, 1, 3 inch	8190029	365.000	Ft
1800	Conduit, DB, 2, 3 inch	8190032	35.000	Ft
1810	Conduit, DB, 3, 3 inch	8190035	80.000	Ft
1820	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
1830	Conduit, Rem	8190140	175.000	Ft
1840	Hh, Rem	8190254	8.000	Ea
1850	Hh, Round, 3 foot dia	8190259	4.000	Ea
1860	Hh, Round	8190260	14.000	Ea
1870	Light Std Arm, 6 foot	8190265	1.000	Ea
1880	Light Std Arm, 17 foot	8190270	9.000	Ea
1890	Luminaire	8190330	10.000	Ea
1900	Cable, Sec, 600V, 1, 3/C#6	8190399	1,300.000	Ft
1910	Wood Pole	8190465	14.000	Ea
1920	Wood Pole, Fit Up, TS and Intercn Cable Pole	8190499	1.000	Ea
1930	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	2.000	Ea
1940	Wood Pole, Fit Up, TS Cable Pole	8190501	7.000	Ea
1950	Wood Pole, Rem	8190505	5.000	Ea

1960	Conduit, Directional Bore, 2, 3 inch	8190604	505.000	Ft
1970	_ Recable, TS	8197001	1,500.000	Ft
1980	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	10.000	Ea
1990	Case Sign, Rem	8200020	14.000	Ea
2000	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	3.000	Ea
2010	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	6.000	Ea
2020	Controller and Cabinet, Rem	8200030	4.000	Ea
2030	Controller and Cabinet, Digital Type	8200031	4.000	Ea
2040	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
2050	Case Sign, Salv	8200039	1.000	Ea
2060	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
2070	Controller Fdn, Base Mount	8200045	4.000	Ea
2080	Controller Fdn, Rem	8200046	1.000	Ea
2090	Digital Loop Detector	8200055	9.000	Ea
2100	Fdn, Rem	8200065	7.000	Ea
2110	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	5.000	Ea
2120	Metered Serv	8200090	1.000	Ea
2130	Metered Serv, Rem	8200095	1.000	Ea
2140	Pedestal, Alum	8200100	2.000	Ea
2150	Pedestal, Fdn	8200105	4.000	Ea
2160	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
2170	Power Co. (Est. Cost to Contractor)	8200116	17,341.000	Dlr
2180	Pushbutton and Sign	8200121	2.000	Ea
2190	Serv Disconnect	8200135	7.000	Ea
2200	Serv Disconnect, Rem	8200136	5.000	Ea
2210	Span Wire	8200140	19.000	Ea
2220	Span Wire, Rem	8200141	15.000	Ea
2230	Steel Pole, Rem	8200145	7.000	Ea
2240	Traf Loop	8200170	17.000	Ea
2250	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
2260	TS, Span Wire Mtd, Rem	8200182	28.000	Ea
2270	TS, One Way Span Wire Mtd, Salv	8200191	2.000	Ea
2280	TS, Wireless Link, 5 Gigahertz, Master	8200274	1.000	Ea
2290	TS, Wireless Link, 5 Gigahertz, Remote	8200275	3.000	Ea
2300	TS, One Way Span Wire Mtd (LED)	8200313	42.000	Ea
2310	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
2320	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
2330	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
2340	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2350	TS, Antenna, Rem	8200368	1.000	Ea
2360	TS, Antenna, Salv	8200369	1.000	Ea
2370	Bracket, Truss, With 9 Foot Arm	8200375	1.000	Ea
2380	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea

2390	Video Traf Detection System	8200380	1.000	Ea
2400	Video Traf Detection Camera	8200381	1.000	Ea
2410	Video Traf Detection System, Rem	8200383	1.000	Ea
2420	Video Traf Detection Camera, Rem	8200384	1.000	Ea
2430	Bracket, Truss, Salv	8200385	1.000	Ea
2440	Bracket, Truss, Rem	8200388	2.000	Ea
2450	Wireless Intercn, Closed Loop, Rem	8200396	4.000	Ea
2460	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2470	Wireless Vehicle Sensor Node, Rem	8200426	7.000	Ea
2480	Hemispherical Video Detection Camera	8200444	2.000	Ea
2490	Hemispherical Video Detection System	8200445	2.000	Ea
2500	Hemispherical Video Detection Camera, Rem	8200446	1.000	Ea
2510	Hemispherical Video Detection Camera, Salv	8200448	1.000	Ea
2520	TS Head, Adj	8200452	5.000	Ea
2530	TS Head, Temp	8200453	5.000	Ea
2540	Strain Pole, Steel, 6 bolt, 36 foot	8200461	6.000	Ea
2550	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
2560	Strain Pole Fdn, 6 Bolt	8200470	107.000	Ft
2570	Casing	8200480	82.000	Ft
2580	Cellular Modem, TS, 4G	8200498	5.000	Ea
2590	Monument Box	8210001	1.000	Ea
2600	Monument Preservation	8210010	1.000	Ea
2610	Contractor Staking, Road Only	8240007	1.000	LSUM
2620	Staking Plan Errors and Extras, One Person	8240020	49.000	Hr
2630	Staking Plan Errors and Extras, Two Person	8240021	19.000	Hr
2640	Staking Plan Errors and Extras, Three Person	8240022	29.000	Hr
2650	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



5/4/2018 8:39 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 073

Letting Date: June 1, 2018

Contract ID: 25011-201297

Description: 12.22 mi of hot mix asphalt crack sealing, chip and fog seal and joint repairs on M-13 from M-21 to M-57, Genesee, Shiawassee and Saginaw Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201297A	1800792	N/A	ST 25011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,700.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	10.000	Sta
0030	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0040	Hand Patching	5010025	510.000	Ton
0050	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	5,350.000	Ft
0060	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	2,400.000	Ft
0070	Overband Crack Fill, Lane	5020003	25.000	Lnmi
0080	Chip Seal, Single, Warranty	5050040	230,000.000	Syd
0090	_ Seal, Fog	5057011	230,000.000	Syd
0100	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	60.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	275.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,500.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	129,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	275.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	18,500.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	129,000.000	Ft
0210	Rem Spec Mrkg	8110343	222.000	Sft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0230	Channelizing Device, 42 inch, Furn	8120030	475.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	475.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0300	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	15.000	Ea
0310	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	2,780.000	Ea
0320	Sign Cover	8120310	8.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,568.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,568.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0370	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0380	Slope Restoration, Type A	8160100	450.000	Syd
0390	Monument Box	8210001	10.000	Ea
0400	Monument Box Adjust	8210005	15.000	Ea
0410	Monument Preservation	8210010	15.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 074

Letting Date: June 1, 2018

Contract ID: 50011-132133

Description: 404.04 Lnmi of hot mix asphalt crack treatment, longitudinal repairs with asphalt repair mastic and pavement markings on various routes in the cities of Detroit, Gibraltar, Highland Park, Lincoln Park, Mt. Clemens, Novi, Riverview, Rochester, Rochester Hills, Roseville, Southfield, Sterling Heights, Trenton, Utica, in the village of Clarkston, Macomb, Oakland and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132133A	1800797	N/A	NH 50011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$202,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane	5020005	393.280	Lnmi
0030	HMA Crack Treatment, Ramp	5020006	10.760	Lnmi
0040	_ Asphalt Repair Mastic	5027001	52,951.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	500.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	500.000	Ft
0070	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	6,200.000	Ft
0080	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,900.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	39,900.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,900.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	7,400.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	1,000.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,200.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0170	Channelizing Device, 42 inch, Furn	8120030	600.000	Ea
0180	Channelizing Device, 42 inch, Oper	8120031	600.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0210	Ltg for Night Work	8120160	1.000	LSUM
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Mobile Attenuator	8120180	2.000	Ea
0240	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea

0260	Sign Cover	8120310	25.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	TS, Bag	8200450	12.000	Ea
0310	TS, Bag, Rem	8200451	12.000	Ea
0320	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 180601 075

Letting Date: June 1, 2018

Contract ID: 81104-202744

Description: 9.12 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs, culvert lining and pavement markings on I-94 from M-14 to Carpenter Road, Washtenaw County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202744A	N/A	N/A	GF18 81104

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$516,400.00	1500001	1.000	LSUM
0020	Glare Screen, Rem	2040030	1,880.000	Ft
0030	Pavt, Rem	2040050	1,817.000	Syd
0040	Ditch Cleanout	2050006	3.000	Sta
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0060	Project Cleanup	2090001	1.000	LSUM
0070	Shoulder, CI II	3070121	3,000.000	Ton
0080	Culv End Sect, 18 inch	4010018	1.000	Ea
0090	Steel Casing Pipe, 24 inch, Jacked in Place	4011134	56.000	Ft
0100	_ Culv, CI A, 18 inch, Jacked in Place	4017001	56.000	Ft
0110	_ Cured-In-Place Pipe Lining, 12 inch	4017001	950.000	Ft
0120	_ Cured-In-Place Pipe Lining, 18 inch	4017001	1,230.000	Ft
0130	_ Cured-In-Place Pipe Lining, 24 inch	4017001	130.000	Ft
0140	_ Cured-In-Place Pipe Lining, 36 inch	4017001	270.000	Ft
0150	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0160	_ Dr Structure Repair, Add Depth	4037001	1.000	Ft
0170	_ Dr Structure Repair, Composite Pavt	4037050	1.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	Cold Milling HMA Surface	5010002	314,633.000	Syd
0200	Bump Grinding	5010004	640.000	Syd
0210	HMA Quality Initiative	5010007	57,372.000	Dlr
0220	Longitudinal Joint Density Quality Initiative	5010018	25,620.000	Dlr
0230	Pavt Joint and Crack Repr, Det 7	5010020	6,119.000	Ft
0240	Pavt Joint and Crack Repr, Det 8	5010021	14,862.000	Ft
0250	Hand Patching	5010025	2,384.000	Ton
0260	HMA, 5E30	5010059	26,302.000	Ton
0270	Joint, Contraction, Cp	6020200	3,200.000	Ft

0280	_ Conc Pavt, Misc, Nonreinf, 14 inch	6027011	1,817.000	Syd
0290	Cement	6030005	110.000	Ton
0300	Cold Milling Conc Pavt	6030014	4,176.000	Syd
0310	Joint, Contraction, Crg	6030020	10,920.000	Ft
0320	Lane Tie, Epoxy Anchored	6030030	2,100.000	Ea
0330	Non-Chloride Accelerator	6030035	1,165.000	Gal
0340	Pavt Repr, Nonreinf Conc, 10 inch	6030048	100.000	Syd
0350	Pavt Repr, Rem	6030080	4,176.000	Syd
0360	Saw Cut, Intermediate	6030090	7,456.000	Ft
0370	_ Conc Repair, Non-Cementitious, Partial Depth	6037011	250.000	Syd
0380	_ Pavt Repr, Nonreinf Conc, 14 inch	6037011	4,076.000	Syd
0390	_ Portable Non-Intrusive Traffic Sensors	8007050	24.000	Ea
0400	_ Portable Non-Intrusive Traffic Sensors, Relocate	8007050	24.000	Ea
0410	_ Central Computer	8007051	1.000	LSUM
0420	_ Stopped Traf Advisory System	8007051	1.000	LSUM
0430	Glare Screen, Conc	8040015	2,080.000	Ft
0440	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
0450	Pavt Mrkg, Polyurea, 12 inch, Yellow	8110112	300.000	Ft
0460	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	75.000	Ft
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	20,000.000	Ft
0480	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	124,000.000	Ft
0490	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	124,000.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	20,000.000	Ft
0510	Rem Spec Mrkg	8110343	48.000	Sft
0520	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	24.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	24.000	Ea
0550	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	115.000	Ea
0560	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	115.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0590	Ltg for Night Work	8120160	1.000	LSUM
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Mobile Attenuator	8120180	4.000	Ea
0620	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0630	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	273,000.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	160,000.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	37,425.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0680	Plastic Drum, Fluorescent, Furn	8120252	1,375.000	Ea
0690	Plastic Drum, Fluorescent, Oper	8120253	1,375.000	Ea

0700	Sign Cover	8120310	40.000	Ea
0710	Sign Cover, Type 1	8120320	10.000	Ea
0720	Sign, Type A, Temp, Prismatic, Furn	8120340	44.000	Sft
0730	Sign, Type A, Temp, Prismatic, Oper	8120341	44.000	Sft
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	5,178.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	5,178.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,066.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,066.000	Sft
0780	_ Temp Rumble Strips (Orange)	8127001	1,950.000	Ft
0790	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	16.000	Ea
0800	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	16.000	Ea
0810	Shoulder Corrugations, Ground or Cut, HMA	8220001	2,700.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 076

Letting Date: June 1, 2018

Contract ID: 21031-201211

Description: 15.66 mi of hot mix asphalt micro cold milling and resurfacing, overband crack fill, shoulder aggregate, joint repairs and pavement markings on M-35 from the Menominee County Line to 23rd Avenue, Delta County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201211A	1800791	N/A	NH 21031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$172,500.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	10.000	Sta
0030	Shoulder, CI II	3070121	2,170.000	Ton
0040	Cold Milling HMA Surface	5010002	1,430.000	Syd
0050	HMA Quality Initiative	5010007	2,082.000	Dlr
0060	Edge Trimming	5010009	1,000.000	Ft
0070	Pavt Joint and Crack Repr, Det 7	5010020	6,239.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	193.000	Ft
0090	Hand Patching	5010025	1,042.000	Ton
0100	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	158,170.000	Syd
0110	Overband Crack Fill, Lane	5020003	32.670	Lnmi
0120	Micro-Surface, Warranty	5040030	253,779.000	Syd
0130	Guardrail, Type B	8070000	13.000	Ft
0140	Guardrail, Reconst, Type B	8070105	38.000	Ft
0150	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	120.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,600.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	67,458.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	163,110.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,600.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	67,458.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	163,110.000	Ft
0220	Rem Spec Mrkg	8110343	136.000	Sft
0230	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	82,380.000	Ft
0250	_ Traffic Control	8127051	1.000	LSUM
0260	Centerline Corrugations, Milled, HMA	8220013	80,309.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 077

Letting Date: June 1, 2018

Contract ID: 33031-202731

Description: Partial superstructure replacement to repair high-load-hit on US-127 at South Street in the city of Mason, Ingham County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202731A	N/A	N/A	MER 33031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,900.00	1500001	1.000	LSUM
0020	Guardrail, Reconst, Type B	8070105	25.000	Ft
0030	Sign, Type II, Rem	8100397	2.000	Ea
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	875.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	875.000	Ft
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	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0090	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0100	Conc Barrier, Temp, Furn	8120081	360.000	Ft
0110	Conc Barrier, Temp, Oper	8120082	360.000	Ft
0120	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0130	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Ltg for Night Work	8120160	1.000	LSUM
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Mobile Attenuator	8120180	2.000	Ea
0190	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	875.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,700.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,700.000	Ft
0230	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0250	Sign Cover	8120310	5.000	Ea
0260	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft

0270	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	660.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	660.000	Sft
0300	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	140.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	140.000	Sft
0320	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0330	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0340	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0350	Contractor Staking	8240001	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0390	Structures, Rem Portions (S03 of 33032)	2040061	1.000	LSUM
0400	Bridge Ltg, Furn and Rem (S03 of 33032)	7060001	1.000	LSUM
0410	Bridge Ltg, Oper and Maintain	7060002	11.000	Cyd
0420	Expansion Joint Device	7060050	16.000	Ft
0430	Expansion Joint Device, Cover Plate	7060051	10.000	Ft
0440	False Decking	7060060	420.000	Sft
0450	Reinforcement, Steel, Epoxy Coated	7060092	5,765.000	Lb
0460	Superstructure Conc, Form, Finish, and Cure (S03 of 33032)	7060111	1.000	LSUM
0470	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 33032)	7060112	1.000	LSUM
0480	Superstructure Conc, High Performance	7060116	10.000	Cyd
0490	Superstructure Conc, Night Casting, High Performance	7060117	11.000	Cyd
0500	Bushing	7070030	4.000	Ea
0510	Shear Developers	7070040	1.000	LSUM
0520	Structural Steel, Rolled Shape, Erect	7070070	5,941.000	Lb
0530	Structural Steel, Rolled Shape, Furn and Fab	7070071	5,941.000	Lb
0540	Conc Surface Coating (S03 of 33032)	7100010	1.000	LSUM
0550	Bridge Railing, Thrie Beam Retrofit	7110006	63.000	Ft
0560	_ Bridge Railing, Open Parapet Type	7117001	56.000	Ft
0570	Bolt, Adhesive Anchored, 1 inch	7120044	2.000	Ea
0580	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0590	Reinforcement, Mechanical Splice	7120084	182.000	Ea
0600	Embedded Galvanic Anode	7120120	32.000	Ea
0610	Beam Plate, Seal Perimeter	7130010	60.000	Ft
0620	Hanger Assembly, Field Measurement	7130030	1.000	Ea
0630	Hanger Assembly, Rem and Erect	7130031	1.000	Ea
0640	Structural Steel, Furn and Fab, Pin and Hanger	7130070	140.000	Lb
0650	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	975.000	Lb
0660	Steel Structure, Cleaning, Partial, Type 4 (S03 of	7150047	1.000	LSUM

	33032)			
0670	Steel Structure, Coating, Partial, Type 4 (S03 of 33032)	7150048	1.000	LSUM
0680	Field Repair of Damaged Coating (S03 of 33032)	7160001	1.000	LSUM
0690	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0700	Sign, Type IIB	8100399	16.000	Sft



Schedule of Pay Items

Report v1

Letting Call: 180601 078

Letting Date: June 1, 2018

Contract ID: 05051-200934

Description: 11.95 mi of crack seal, chip seal, micro surfacing, pavement repairs, centerline corrugations and pavement markings on M-66 from US-131 to north of Old State Road, Antrim County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200934A	1800793	N/A	ST 05051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$144,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,120.000	Ton
0030	Cold Milling HMA Surface	5010002	37,700.000	Syd
0040	HMA Quality Initiative	5010007	6,220.000	Dlr
0050	HMA Approach	5010061	3,110.000	Ton
0060	Overband Crack Fill, Lane	5020003	24.030	Lnmi
0070	Micro-Surface, Single Cse, Warranty	5040020	196,500.000	Syd
0080	_ Seal, Single Chip, Modified	5057011	196,500.000	Syd
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	48,100.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	126,800.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	48,100.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	126,800.000	Ft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Furn	8120030	450.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	450.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,150.000	Ft
0220	Sign Cover	8120310	12.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	568.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	568.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Centerline Corrugations, Milled, HMA	8220013	60,400.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180601 079

Letting Date: June 1, 2018

Contract ID: 58051-201074

Description: Culvert replacement, scour countermeasures and approach work on US-24 over Little Lake Creek, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201074A	1800773	N/A	NH 58051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$82,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Guardrail, Rem	2040035	699.000	Ft
0050	Pavt, Rem	2040050	333.000	Syd
0060	Excavation, Earth	2050016	580.000	Cyd
0070	Subbase, CIP	3010002	448.000	Cyd
0080	Aggregate Base, 4 inch	3020010	32.000	Syd
0090	Aggregate Base, 6 inch	3020016	680.000	Syd
0100	Aggregate Base, 12 inch	3020030	15.000	Syd
0110	Shoulder, CI II, 6 inch	3070128	50.000	Syd
0120	HMA Surface, Rem	5010005	2,208.000	Syd
0130	HMA Quality Initiative	5010007	1,692.000	Dlr
0140	Hand Patching	5010025	50.000	Ton
0150	HMA, 2E3	5010039	415.000	Ton
0160	HMA, 5E3	5010057	140.000	Ton
0170	HMA Approach	5010061	241.000	Ton
0180	Bridge Railing, Thrie Beam Retrofit	7110006	50.000	Ft
0190	Curb and Gutter, Conc, Det D2	8020031	152.000	Ft
0200	Shoulder Gutter, Conc, Det 2	8020056	4.000	Ea
0210	Spillway, Conc	8020075	40.000	Ft
0220	Guardrail, Type MGS-8	8070004	421.000	Ft
0230	Guardrail Anch, Bridge, Det A1	8070020	4.000	Ea
0240	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0250	Guardrail Reflector	8070080	28.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,000.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	232.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	250.000	Ft

0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,000.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	232.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	250.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	1.000	Ea
0380	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0400	Sign Cover	8120310	4.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	953.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	953.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	259.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	259.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	Portable Water Filled Barrier, Furn	8120410	110.000	Ft
0470	Portable Water Filled Barrier, Oper	8120411	110.000	Ft
0480	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0490	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0500	Slope Restoration, Type A	8160100	500.000	Syd
0510	Slope Restoration, Type C	8160102	500.000	Syd
0520	Centerline Corrugations, Milled, HMA	8220013	125.000	Ft
0530	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	250.000	Ft
0540	Contractor Staking	8240001	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0580	Structures, Rem	2040060	1.000	LSUM
0590	Backfill, Structure, CIP	2060002	1,350.000	Cyd
0600	Excavation, Fdn	2060010	2,150.000	Cyd
0610	Erosion Control, Filter Bag	2080014	2.000	Ea
0620	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0630	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0640	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0650	Erosion Control, Sand Bag	2080028	500.000	Ea
0660	Erosion Control, Sediment Basin	2080032	25.000	Cyd
0670	Erosion Control, Silt Fence	2080036	240.000	Ft
0680	Erosion Control, Turbidity Curtain, Shallow	2080044	75.000	Ft

0690	Geotextile, Separator	3080005	965.000	Syd
0700	Culv Bedding, Box Culv	4060005	107.000	Cyd
0710	_ Culv, Precast Conc Box, 24 foot by 11 foot	4067001	56.000	Ft
0720	Steel Sheet Piling, Temp	7040002	5,342.000	Sft
0730	Reinforcement, Steel, Epoxy Coated	7060092	11,938.000	Lb
0740	Substructure Conc, High Performance	7060101	113.000	Cyd
0750	Joint Waterproofing	7100001	174.000	Sft
0760	Riprap, Plain	8130010	415.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180601 080

Letting Date: June 1, 2018

Contract ID: 63052-127764

Description: 0.79 mi of installation of precast concrete traffic islands, sidewalk ramps, flashing beacons, signing and pavement markings on US-24 from James K Boulevard to M-59 in the cities of Pontiac and Sylvan Lake, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127764A	1800799	N/A	HSIP 63052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	98.000	Ft
0030	Sidewalk, Rem	2040055	114.000	Syd
0040	Exploratory Investigation, Vertical	2040080	90.000	Ft
0050	Excavation, Earth	2050016	24.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0080	Erosion Control, Silt Fence	2080036	100.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	18.000	Cyd
0110	Aggregate Base	3020001	3.000	Ton
0120	Pavt, Cleaning	5010001	1.000	LSUM
0130	HMA Surface, Rem	5010005	41.000	Syd
0140	Hand Patching	5010025	14.000	Ton
0150	_ Precast Traf Island, Segment Type 1	7087010	582.000	Sft
0160	_ Precast Traf Island, Segment Type 2a	7087010	1,920.000	Sft
0170	_ Precast Traf Island, Segment Type 2b	7087010	287.000	Sft
0180	_ Pedestrian Path, Temp	8007001	75.000	Ft
0190	Curb and Gutter, Conc, Det F2	8020036	27.000	Ft
0200	Detectable Warning Surface	8030010	60.000	Ft
0210	Curb Ramp Opening, Conc	8030030	71.000	Ft
0220	Sidewalk Ramp, Conc, 4 inch	8030034	1,242.000	Sft
0230	_ Sidewalk, Conc, 9 inch	8037010	126.000	Sft
0240	Band, Sign	8100010	60.000	Ea
0250	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	100.000	Ea
0260	Post, Flexible, Delineator	8100360	50.000	Ea

0270	Post, Steel, 3 lb	8100371	390.000	Ft
0280	Post, Wood, 4 inch by 6 inch	8100380	96.000	Ft
0290	Sign, Type IIIB	8100405	381.000	Sft
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0310	_ Perforated Steel Square Tube Breakaway System, Modified	8107050	12.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	536.000	Ft
0330	_ Pavt Mrkg, Waterborne, 6 inch, Yellow, Curb Marking	8117001	216.000	Ft
0340	_ Pavt Mrkg, Ovly Cold Plastic, Yield Triangle Sym	8117050	72.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	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	Mobile Attenuator	8120180	1.000	Ea
0410	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	144.000	Ft
0420	Plastic Drum, High Intensity, Furn	8120250	225.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	225.000	Ea
0440	Sign Cover	8120310	5.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Pedestrian Type II Channelizer, Temp	8127001	95.000	Ft
0510	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0520	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0530	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0540	Slope Restoration, Type B	8160101	83.000	Syd
0550	Conduit, DB, 1, 1 1/2 inch	8190027	90.000	Ft
0560	Conduit, DB, 1, 3 inch	8190029	70.000	Ft
0570	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
0580	Hh, Round	8190260	9.000	Ea
0590	Cable, Sec, 600V, 1, 3/C#6	8190399	120.000	Ft
0600	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0610	Conduit, Directional Bore, 1, 3 inch	8190602	60.000	Ft
0620	Fish Beacon, Controller and Cabinet, Solid State	8200070	5.000	Ea
0630	Metered Serv	8200090	3.000	Ea
0640	Pedestal, Alum	8200100	1.000	Ea
0650	Pedestal, Fdn	8200105	1.000	Ea
0660	Power Co. (Est. Cost to Contractor)	8200116	22,000.000	Dlr
0670	Pushbutton and Sign	8200121	6.000	Ea
0680	Serv Disconnect	8200135	5.000	Ea
0690	Span Wire	8200140	3.000	Ea

0700	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	12.000	Ea
0710	Sign Optical, (LED)	8200373	9.000	Ea
0720	TS, Bag	8200450	6.000	Ea
0730	TS, Bag, Rem	8200451	6.000	Ea
0740	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
0750	Strain Pole Fdn, 6 Bolt	8200470	81.000	Ft
0760	Casing	8200480	60.000	Ft
0770	_ St Name Sign, Two Way, (LED), 8 foot	8207050	6.000	Ea
0780	Protect Corners	8210020	1.000	Ea
0790	Contractor Staking, Road Only	8240007	1.000	LSUM
0800	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0810	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0820	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180601 081

Letting Date: June 1, 2018

Contract ID: 82000-202719

Description: 12.93 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, driveway approaches, pavement removal and replacement, drainage and pavement markings on various routes 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
202719A	1800758	N/A	STL 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$965,400.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	50.000	Syd
0030	Sidewalk, Rem	2040055	24,630.000	Syd
0040	_ Curb, Rem, Modified	2047001	31,493.000	Ft
0050	_ Integral Curb and Sidewalk, 2 feet, Rem, Modified	2047001	3,325.000	Ft
0060	_ Underground Sprinklers, Identify, Protect and Restore, Modified	2047051	1.000	LSUM
0070	Granular Material, CI II	2050023	50.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	_ Excavation, Earth, Modified	2057021	200.000	Cyd
0100	Aggregate Base, 4 inch	3020010	100.000	Syd
0110	_ Dr Structure Lead, Cleaning, Modified	4037001	12,580.000	Ft
0120	_ Dr Structure Cover, Modified	4037030	345,950.000	Lb
0130	_ Dr Structure Cleaning, Modified	4037050	1,258.000	Ea
0140	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	1,206.000	Ea
0150	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	33.000	Ea
0160	_ Reconstructing Dr Structure, Case 1, Modified	4037050	1.000	Ea
0170	_ Reconstructing Dr Structure, Case 2, Modified	4037050	2.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	HMA Surface, Rem	5010005	17,678.000	Syd
0200	Pavt for Butt Joints, Rem	5010008	10,349.000	Syd
0210	HMA, 4E3	5010051	35,541.000	Ton
0220	HMA, 5E3	5010057	26,658.000	Ton
0230	_ Cold Milling HMA Surface, Modified	5017011	323,123.000	Syd
0240	_ Conditioning Existing Pavement, Modified	5017031	4,353.000	Ton
0250	_ HMA Approach, Modified	5017031	3,403.000	Ton
0260	_ HMA Shoulder, Modified	5017031	226.000	Ton
0270	_ Pavt Repr, Nonreinf Conc, 10 inch, Modified	6027011	961.000	Syd

0280	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6027011	50.000	Syd
0290	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	6027011	50.000	Syd
0300	Cement	6030005	5.000	Ton
0310	_ Curb, Conc, Detail CD, Modified	6037001	27,440.000	Ft
0320	_ Pavt Repr, Rem, Modified	6037011	926.000	Syd
0330	_ Detectable Warning Surface Tile, Modified	8027001	3,530.000	Ft
0340	_ Sidewalk Ramp, ADA, Modified	8027010	60,781.000	Sft
0350	_ Sidewalk, Conc, 4 inch, Modified	8027010	122,514.000	Sft
0360	_ Sidewalk, Conc, 6 inch, Modified	8027010	5,316.000	Sft
0370	Curb Ramp Opening, Conc Curb Ramp Opening, Conc	8030030	4,016.000	Ft
0380	_ Integral Curb and Sidewalk, 2 feet, Modified	8037001	3,325.000	Ft
0390	_ Sidewalk, Conc with Tree Roots, 4 inch, Modified	8037010	25,670.000	Sft
0400	_ Sidewalk, Conc with Tree Roots, 6 inch, Modified	8037010	8,106.000	Sft
0410	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	6,883.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,364.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	2,042.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	40.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	57.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	7.000	Ea
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	46,224.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	84,522.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,387.000	Ft
0530	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	3,850.000	Ft
0540	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	2,480.000	Ft
0550	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	1,186.000	Ft
0560	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	132.000	Ft
0570	Pavt Mrkg, Modified Urethane, 6 inch, Cross Hatching Yellow	8110535	1,249.000	Ft
0580	_ Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching, White	8117001	560.000	Ft
0590	_ Pavt Mrkg, Modified Urethane, 4 inch, Cross Hatching, White	8117001	1,043.000	Ft
0600	_ Recessing Pavt Mrkg, 12 inch	8117001	2,364.000	Ft
0610	_ Recessing Pavt Mrkg, 18 inch	8117001	3,228.000	Ft
0620	_ Recessing Pavt Mrkg, 24 inch	8117001	132.000	Ft
0630	_ Recessing Pavt Mrkg, 6 inch	8117001	10,733.000	Ft
0640	_ Pavt Mrkg, Preformed, Patterned, RXR Sym	8117050	2.000	Ea
0650	_ Pavt Mrkg, Waterborne, Bike Sharrow Sym, Modified	8117050	38.000	Ea
0660	_ Pavt Mrkg, Waterborne, Bike Sym and Arrow, White, Modified	8117050	59.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea

0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,000.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0740	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0750	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Sodding	8160055	285.000	Syd
0800	Water, Sodding/Seeding	8160090	16.000	Unit
0810	_ Topsoil Surface, Furn, LM, Modified	8167021	592.000	Cyd
0820	Monument Box	8210001	8.000	Ea
0830	Monument Preservation, Vertical	8210015	3.000	Ea
0840	_ Water Shutoff, Adj, Modified	8237050	104.000	Ea
0850	_ Door Hanger Notifications, Modified	8507051	1.000	LSUM
0860	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 180601 082

Letting Date: June 1, 2018

Contract ID: 16000-130301

Description: 1.88 mi of hot mix asphalt base crushing, shaping and resurfacing, replace culvert, aggregate shoulders, drainage and pavement markings on East Mullett Lake Road from Onaway Road northeast to Hackleburg Road, Cheboygan County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130301A	1800574	N/A	STL 16000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,900.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Ditch Cleanout	2050006	7.000	Sta
0040	Embankment, LM	2050011	1,380.000	Cyd
0050	Excavation, Earth	2050016	280.000	Cyd
0060	Erosion Control, Silt Fence	2080036	650.000	Ft
0070	Subbase, LM	3010003	150.000	Cyd
0080	Aggregate Base	3020001	6,515.000	Ton
0090	HMA Base Crushing and Shaping	3050002	36,900.000	Syd
0100	Salv Crushed Material, LM	3050015	100.000	Cyd
0110	Approach, CI I	3070001	980.000	Ton
0120	Approach, CI II	3070021	510.000	Ton
0130	Shoulder, CI II, 3 inch	3070125	4,300.000	Syd
0140	Trenching	3070200	172.000	Sta
0150	Culv, CI A, 12 inch	4010131	60.000	Ft
0160	Culv, CI A, 36 inch	4010136	70.000	Ft
0170	Dr Marker Post	4011109	2.000	Ea
0180	Cold Milling HMA Surface	5010002	2,900.000	Syd
0190	HMA Surface, Rem	5010005	1,680.000	Syd
0200	HMA, 4E1	5010050	3,203.000	Ton
0210	HMA, 5E1	5010056	3,040.000	Ton
0220	HMA Approach	5010061	443.000	Ton
0230	Curb and Gutter, Conc, Det B2	8020016	598.000	Ft
0240	Curb Sloped, HMA	8050010	1,950.000	Ft
0250	Post, Mailbox	8070095	40.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,000.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,000.000	Ft

0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	800.000	Ft
0320	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	512.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	512.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Riprap, Plain	8130010	84.000	Syd
0380	Paved Ditch, HMA	8140010	96.000	Syd
0390	Mulch Blanket	8160027	40.000	Syd
0400	_ Slope Restoration	8167011	20,500.000	Syd
0410	Monument Box	8210001	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 083

Letting Date: June 1, 2018

Contract ID: 25049-121489

Description: 0.95 mi of hot mix asphalt cold milling and resurfacing, pavement removal, concrete curb, gutter, sidewalk and ramps, aggregate base, drainage, guardrail and water main on Kearsley Street from Chevrolet Avenue to Beach Street in the city of Flint, Genesee County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121489A	1800763	N/A	STU 25049

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$218,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0040	Curb and Gutter, Rem	2040020	7,537.000	Ft
0050	Fence, Rem	2040025	50.000	Ft
0060	Guardrail, Rem	2040035	133.000	Ft
0070	Sidewalk, Rem	2040055	2,359.000	Syd
0080	_ Track, Rem, Modified	2047001	314.000	Ft
0090	_ Pavt, Rem, Modified	2047011	7,958.000	Syd
0100	Embankment, CIP	2050010	555.000	Cyd
0110	Excavation, Earth	2050016	1,746.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0150	Erosion Control, Silt Fence	2080036	250.000	Ft
0160	Subbase, CIP	3010002	298.000	Cyd
0170	Aggregate Base, 4 inch	3020010	2,878.000	Syd
0180	Aggregate Base, 6 inch	3020016	7,455.000	Syd
0190	Aggregate Base, 11 inch	3020028	1,510.000	Syd
0200	Maintenance Gravel, LM	3060021	100.000	Cyd
0210	Sewer, Cl E, 12 inch, Tr Det B	4020600	100.000	Ft
0220	Video Taping Sewer and Culv Pipe	4021275	100.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	72.000	Ea
0240	Dr Structure, 24 inch dia	4030200	2.000	Ea
0250	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0260	_ Structure Cover, Adj, Add Depth	4037001	10.000	Ft
0270	_ Structure Cover, Adj, Case 1	4037050	15.000	Ea

0280	_ Structure Cover, Special	4037050	88.000	Ea
0290	Underdrain, Subbase, 6 inch	4040063	7,534.000	Ft
0300	Cold Milling HMA Surface	5010002	16,581.000	Syd
0310	Pavt Joint and Crack Repr, Det 7	5010020	650.000	Ft
0320	Pavt Joint and Crack Repr, Det 8	5010021	315.000	Ft
0330	Hand Patching	5010025	162.000	Ton
0340	HMA, 3C	5010031	1,457.000	Ton
0350	HMA, 4C	5010032	2,525.000	Ton
0360	HMA Approach	5010061	306.000	Ton
0370	Conc Base Cse, Nonreinf, 7 inch	6020017	1,758.000	Syd
0380	Lane Tie, Epoxy Anchored	6030030	3,396.000	Ea
0390	Driveway, Nonreinf Conc, 6 inch	8010005	264.000	Syd
0400	Driveway, Nonreinf Conc, 9 inch	8010008	58.000	Syd
0410	Curb and Gutter, Conc, Det F4	8020038	7,584.000	Ft
0420	Curb Ramp Opening, Conc	8030030	178.000	Ft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	1,479.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	19,692.000	Sft
0450	Sidewalk, Conc, 6 inch	8030046	1,540.000	Sft
0460	_ Detectable Warning Surface, Modified	8037001	108.000	Ft
0470	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea
0480	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0490	Guardrail Reflector	8070080	8.000	Ea
0500	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	50.000	Ft
0510	Band, Sign	8100010	24.000	Ea
0520	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0530	Post, Steel, 3 lb	8100371	611.000	Ft
0540	Sign, Type IIA	8100398	9.000	Sft
0550	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0560	Sign, Type III, Rem	8100403	66.000	Ea
0570	Sign, Type IIIA	8100404	65.000	Sft
0580	Sign, Type IIIB	8100405	114.000	Sft
0590	Sign, Type VB	8100425	9.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,113.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	302.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	13.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	13.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0650	Pavt Mrkg, Waterborne, 4 inch, White	8110231	529.000	Ft
0660	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,016.000	Ft
0670	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,100.000	Ft
0680	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	129.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	529.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,016.000	Ft

0710	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,100.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	129.000	Ft
0730	Rem Spec Mrkg	8110343	158.000	Sft
0740	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	286.000	Ft
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0770	Dust Palliative, Applied	8120100	1.000	Ton
0780	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0790	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0800	Minor Traf Devices	8120170	1.000	LSUM
0810	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0820	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0830	Sign Cover	8120310	15.000	Ea
0840	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0850	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0860	Sign, Type A, Temp, Prismatic, Furn	8120340	474.000	Sft
0870	Sign, Type A, Temp, Prismatic, Oper	8120341	474.000	Sft
0880	Sign, Type B, Temp, Prismatic, Furn	8120350	474.000	Sft
0890	Sign, Type B, Temp, Prismatic, Oper	8120351	474.000	Sft
0900	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	474.000	Sft
0910	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	474.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0930	Water, Sodding/Seeding	8160090	18.000	Unit
0940	Slope Restoration, Type A	8160100	5,175.000	Syd
0950	Protect Corners	8210020	5.000	Ea
0960	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0970	Water Shutoff, Adj, Case 2	8230422	5.000	Ea
0980	Gate Box, Adj, Case 1	8230431	8.000	Ea
0990	_ Water Main Bedding and Backfill, SD-7W	8237001	6,016.000	Ft
1000	_ Water Main, 12 inch, Directional Drill	8237001	342.000	Ft
1010	_ Water Main, 12 inch, Open Cut	8237001	5,408.000	Ft
1020	_ Water Main, 8 inch, Open Cut	8237001	696.000	Ft
1030	_ Gate Valve and Box, 12 inch, Modified	8237050	14.000	Ea
1040	_ Gate Valve and Box, 8 inch, Modified	8237050	11.000	Ea
1050	_ Hydrant Assembly, SD-1W	8237050	12.000	Ea
1060	_ Hydrant, Rem, Modified	8237050	9.000	Ea
1070	_ Water Main, 12 inch, Cut and Plug, Modified	8237050	6.000	Ea
1080	_ Water Main, 14 inch, Cut and Plug, Modified	8237050	1.000	Ea
1090	_ Water Main, 16 inch, Cut and Plug, Modified	8237050	1.000	Ea
1100	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	8.000	Ea
1110	_ Water Main, Connect New 12 inch to Existing 12 inch	8237050	5.000	Ea
1120	_ Water Main, Connect New 12 inch to Existing 14	8237050	1.000	Ea

	inch			
1130	_ Water Main, Connect New 12 inch to Existing 16 inch	8237050	1.000	Ea
1140	_ Water Main, Connect New 8 inch to Existing 8 inch	8237050	11.000	Ea
1150	_ Water Serv, 1 inch	8237050	2.000	Ea
1160	_ Water Serv, Long, 1 inch	8237050	2.000	Ea
1170	_ Water Serv, Retire	8237050	10.000	Ea
1180	_ Water Structure, Abandon	8237050	23.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 084

Letting Date: June 1, 2018

Contract ID: 82163-133389

Description: 0.39 mi of integral concrete pavement reconstruction, storm sewer, concrete driveway, sidewalk and ramps, signing, pavement markings and water main on Holbrook Avenue from east of Joseph Campau Avenue to west of Conant Street, in the city of Hamtramck, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133389A	1800708	N/A	STU 82163

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	3,710.000	Dir
0020	Mobilization, Max \$138,100.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	16.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	340.000	Ft
0050	Pavt, Rem	2040050	11,550.000	Syd
0060	Sidewalk, Rem	2040055	3,600.000	Syd
0070	Embankment, CIP	2050010	175.000	Cyd
0080	Excavation, Earth	2050016	2,700.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0100	_ Erosion Control, Silt Sack	2087050	23.000	Ea
0110	Aggregate Base, 4 inch	3020010	2,700.000	Syd
0120	Aggregate Base, 6 inch	3020016	950.000	Syd
0130	Aggregate Base, 8 inch	3020020	11,500.000	Syd
0140	Maintenance Gravel	3060020	500.000	Ton
0150	Sewer, CI IV, 12 inch, Tr Det B	4020987	478.000	Ft
0160	Sewer Bulkhead, 12 inch	4021230	6.000	Ea
0170	Video Taping Sewer and Culv Pipe	4021275	478.000	Ft
0180	Dr Structure Cover, Type B	4030010	6.000	Ea
0190	Dr Structure Cover, Type C	4030015	14.000	Ea
0200	Dr Structure, 48 inch dia	4030210	18.000	Ea
0210	Dr Structure, 60 inch dia	4030220	2.000	Ea
0220	_ Sewer Trap, 12 inch	4037050	14.000	Ea
0230	Underdrain, Subgrade, 6 inch	4040073	4,210.000	Ft
0240	HMA Surface, Rem	5010005	11,400.000	Syd
0250	Conc Pavt with Integral Curb, Nonreinf, 7 inch	6020162	600.000	Syd
0260	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	11,000.000	Syd
0270	Joint, Contraction, Cp	6020200	7,600.000	Ft

0280	Joint, Expansion, E2	6020207	300.000	Ft
0290	Driveway, Nonreinf Conc, 6 inch	8010005	75.000	Syd
0300	Driveway, Nonreinf Conc, 8 inch	8010007	150.000	Syd
0310	Detectable Warning Surface	8030010	70.000	Ft
0320	Curb Ramp Opening, Conc	8030030	135.000	Ft
0330	Sidewalk Ramp, Conc, 4 inch	8030034	525.000	Sft
0340	Sidewalk Ramp, Conc, 7 inch	8030037	400.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	23,000.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	4,450.000	Sft
0370	Post, Steel, 3 lb	8100371	234.000	Ft
0380	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0390	Sign, Type IIIB	8100405	52.000	Sft
0400	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	531.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	154.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0450	Pavt Mrkg, Polyurea, 4 inch, White	8110091	65.000	Ft
0460	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,874.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,874.000	Ft
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	70.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	70.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	481.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	775.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	184.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	184.000	Sft
0570	Mulch Blanket	8160027	500.000	Syd
0580	Seeding, Mixture THM	8160039	25.000	Lb
0590	Topsoil Surface, Furn, 3 inch	8160061	500.000	Syd
0600	Gate Well, Rem	8230076	8.000	Ea
0610	Hydrant, Rem	8230091	7.000	Ea
0620	Water Serv	8230240	43.000	Ea
0630	Water Serv, Long	8230245	58.000	Ea
0640	Gate Well, 48 inch dia	8230348	11.000	Ea
0650	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	2,270.000	Ft
0660	_ Water Main, Rem	8237001	185.000	Ft
0670	_ Fire Hydrant Assembly	8237050	7.000	Ea
0680	_ Abandon Water Main, Flowable Fill	8237051	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180601 085

Letting Date: June 1, 2018

Contract ID: 82000-132677

Description: Traffic signal modernization and concrete curb, gutter, sidewalk and ramps, aggregate base and pavement markings at 21 locations 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
132677A	1800458	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$224,500.00	1500001	1.000	LSUM
0020	_ Curb, Rem, Modified	2047001	1,460.000	Ft
0030	_ Sidewalk, Rem, Modified	2047011	2,272.000	Syd
0040	Aggregate Base, 6 inch	3020016	79.000	Syd
0050	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0060	Curb and Gutter, Conc, Det C4	8020023	1,095.000	Ft
0070	Detectable Warning Surface	8030010	365.000	Ft
0080	Curb Ramp Opening, Conc	8030030	365.000	Ft
0090	Sidewalk Ramp, Conc, 6 inch	8030036	8,760.000	Sft
0100	Sidewalk, Conc, 4 inch	8030044	9,643.000	Sft
0110	Sidewalk, Conc, 6 inch	8030046	3,038.000	Sft
0120	Pavt Mrkg, Thermopl, 4 inch, White	8110195	360.000	Ft
0130	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	275.000	Ft
0140	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	4,266.000	Ft
0150	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	1,107.000	Ft
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	320.000	Ft
0220	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	56.000	Ft
0230	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0240	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,480.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,480.000	Sft
0270	Cable Pole, TS, Disman	8190010	16.000	Ea

0280	Cable, Sec, Rem	8190017	1,050.000	Ft
0290	Hh, Round	8190260	17.000	Ea
0300	Cable, Sec, 600V, 1, 3/C#6	8190399	2,100.000	Ft
0310	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0320	Wood Pole, Fit Up, TS Cable Pole	8190501	3.000	Ea
0330	Wood Pole, Rem	8190505	7.000	Ea
0340	_ Conduit, Encased, 1, 3 inch, Modified	8197001	10.000	Ft
0350	_ Conduit, Encased, 2, 3 inch, Modified	8197001	231.000	Ft
0360	_ Conduit, Encased, 3, 4 inch, Modified	8197001	247.000	Ft
0370	_ Hh, Clean	8197050	2.000	Ea
0380	Anchor Guy	8200001	7.000	Ea
0390	Case Sign, Rem	8200020	28.000	Ea
0400	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	50.000	Ea
0410	Controller and Cabinet, Rem	8200030	22.000	Ea
0420	Controller Fdn, Base Mount	8200045	20.000	Ea
0430	Controller Fdn, Rem	8200046	2.000	Ea
0440	Fdn, Rem	8200065	14.000	Ea
0450	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0460	Pedestal Fdn, Rem	8200106	46.000	Ea
0470	Pedestal, Rem	8200110	53.000	Ea
0480	Pushbutton and Sign	8200121	26.000	Ea
0490	Pushbutton Pedestal, Alum	8200123	5.000	Ea
0500	Serv Disconnect	8200135	21.000	Ea
0510	Span Wire	8200140	85.000	Ea
0520	Span Wire, Rem	8200141	33.000	Ea
0530	Steel Pole, Rem	8200145	14.000	Ea
0540	Strain Pole, Steel, Anchor Base, 30 foot	8200155	59.000	Ea
0550	Strain Pole, Steel, Anchor Fdn	8200165	59.000	Ea
0560	Guy, Rem	8200167	17.000	Ea
0570	Strut Guy	8200168	12.000	Ea
0580	TS, Bracket Arm Mtd, Rem	8200175	5.000	Ea
0590	TS, Mast Arm Mtd, Rem	8200177	10.000	Ea
0600	TS, Pedestal Mtd, Rem	8200179	8.000	Ea
0610	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	47.000	Ea
0620	TS, Pedestrian, Pedestal Mtd, Rem	8200181	50.000	Ea
0630	TS, Span Wire Mtd, Rem	8200182	74.000	Ea
0640	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
0650	TS, Two Way Span Wire Mtd, One Sect (LED)	8200291	1.000	Ea
0660	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	1.000	Ea
0670	TS, One Way Span Wire Mtd (LED)	8200313	170.000	Ea
0680	TS, One Way Span Wire Mtd, FYA (LED)	8200314	10.000	Ea
0690	TS, Two Way Span Wire Mtd (LED)	8200322	9.000	Ea
0700	TS, Three Way Span Wire Mtd (LED)	8200325	10.000	Ea
0710	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea

0720	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	84.000	Ea
0730	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0740	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	10.000	Ea
0750	Bracket, Truss, With 18 Foot Arm	8200378	15.000	Ea
0760	Bracket, Truss, Rem	8200388	10.000	Ea
0770	Casing	8200480	200.000	Ft
0780	_ Cellular Data Service for 2 Year	8207050	20.000	Ea
0790	_ Cellular Data Streaming for 2 hour per month and for 2 Year	8207050	11.000	Ea
0800	_ Controller and Cabinet, Digital Type, ITS	8207050	20.000	Ea
0810	_ Field Switch, 10/100/1000 Base T	8207050	20.000	Ea
0820	_ Louvered Backplate	8207050	178.000	Ea
0830	_ Pedestal Alum, Modified	8207050	9.000	Ea
0840	_ Pedestal Fdn, Modified	8207050	4.000	Ea
0850	_ Steel Pole, Paint	8207050	32.000	Ea
0860	_ Video Capture and Streaming System	8207050	15.000	Ea
0870	_ Video Detection and Analytics System	8207050	11.000	Ea
0880	_ Wireless Data Acquisition, Alerts and Analytics System	8207050	20.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 086

Letting Date: June 1, 2018

Contract ID: 63000-132913

Description: 1.00 mi of hot mix asphalt approach, concrete sidewalk and ramps, sidewalk infill, intersection improvements, crosswalks and drainage on Watkins Boulevard at Heritage, Highland and Spring Mills Elementary Schools, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132913A	1800707	N/A	TAU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$57,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0060	Curb and Gutter, Rem	2040020	395.000	Ft
0070	Pavt, Rem	2040050	116.000	Syd
0080	Sidewalk, Rem	2040055	568.000	Syd
0090	Exploratory Investigation, Vertical	2040080	100.000	Ft
0100	Embankment, CIP	2050010	275.000	Cyd
0110	Excavation, Earth	2050016	707.000	Cyd
0120	Granular Material, CI II	2050023	429.000	Cyd
0130	_ _Ditching, Special	2057001	200.000	Ft
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0150	Erosion Control, Silt Fence	2080036	2,160.000	Ft
0160	Aggregate Base, 6 inch	3020016	928.000	Syd
0170	Aggregate Base, 8 inch	3020020	654.000	Syd
0180	Maintenance Gravel	3060020	10.000	Ton
0190	Culv End Sect, 12 inch	4010012	6.000	Ea
0200	Culv, CI A, 12 inch	4010131	302.000	Ft
0210	Sewer, CI E, 12 inch, Tr Det B	4020600	1,252.000	Ft
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure Cover, Type G	4030040	10.000	Ea
0240	Dr Structure Cover, Type J	4030045	3.000	Ea
0250	Dr Structure Cover, Type K	4030050	2.000	Ea
0260	Dr Structure, 24 inch dia	4030200	10.000	Ea
0270	Dr Structure, 48 inch dia	4030210	8.000	Ea

0280	HMA Surface, Rem	5010005	709.000	Syd
0290	Edge Trimming	5010009	200.000	Ft
0300	Hand Patching	5010025	145.000	Ton
0310	HMA Approach	5010061	142.000	Ton
0320	Driveway, Nonreinf Conc, 6 inch	8010005	112.000	Syd
0330	Curb and Gutter, Conc, Det B2	8020016	650.000	Ft
0340	Curb and Gutter, Conc, Det C4	8020023	460.000	Ft
0350	Spillway, Conc	8020075	6.000	Ft
0360	Detectable Warning Surface	8030010	195.000	Ft
0370	Curb Ramp Opening, Conc	8030030	85.000	Ft
0380	Sidewalk Ramp, Conc, 6 inch	8030036	2,510.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	28,830.000	Sft
0400	Sidewalk, Conc, 6 inch	8030046	2,725.000	Sft
0410	Post, Mailbox	8070095	30.000	Ea
0420	Post, Wood, 6 inch by 8 inch	8100382	14.000	Ft
0430	Sign, Type III, Rem	8100403	8.000	Ea
0440	Sign, Type IIIB	8100405	24.000	Sft
0450	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,048.000	Ft
0460	Dust Palliative, Applied	8120100	2.000	Ton
0470	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	145.000	Ft
0510	Plastic Drum, High Intensity, Lighted, Furn	8120260	25.000	Ea
0520	Plastic Drum, High Intensity, Lighted, Oper	8120261	25.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Riprap, Plain	8130010	3.000	Syd
0570	__Turf Establishment, Seed	8167011	3,642.000	Syd
0580	Conduit, DB, 1, 3 inch	8190029	30.000	Ft
0590	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0600	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0610	Sign Optical, (LED)	8200373	2.000	Ea
0620	_ Reimbursed Permit Fees	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 180601 087

Letting Date: June 1, 2018

Contract ID: 14555-129843

Description: 0.89 mi of hot mix asphalt resurfacing and aggregate shoulder on Dutch Settlement Road from White Temple Road to Goff Road, Cass County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129843A	1800739	N/A	STL 14555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	321.000	Ton
0030	Cold Milling HMA Surface	5010002	480.000	Syd
0040	_ HMA, 13A Mod	5017031	1,257.000	Ton
0050	_ Railroad Protection, at Grade Crossing	8007060	2,000.000	Dlr
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	22.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,252.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,991.000	Ft
0100	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0110	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Plastic Drum, High Intensity, Furn	8120250	95.000	Ea
0140	Plastic Drum, High Intensity, Oper	8120251	95.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	342.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	342.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Monument Box Adjust	8210005	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 088

Letting Date: June 1, 2018

Contract ID: 81000-201735

Description: 0.60 mi of hot mix asphalt replacement, concrete curb and gutter, storm sewer, signs and pavement markings on Scio Church Road from South Seventh Street to South Main Street in the city of Ann Arbor, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201735A	1800693	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audiovisual Tape Coverage	1047051	1.000	LSUM
0020	Mobilization, Max \$170,300.00	1500001	1.000	LSUM
0030	Clearing	2010001	1.000	Acre
0040	Dr Structure, Rem	2030011	13.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	305.000	Ft
0060	Curb and Gutter, Rem	2040020	3,142.000	Ft
0070	Pavt, Rem	2040050	15,102.000	Syd
0080	Sidewalk, Rem	2040055	344.000	Syd
0090	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0100	_ Machine Grading, Modified	2057002	30.000	Sta
0110	_ Infiltration Trench	2057021	376.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0130	Erosion Control, Silt Fence	2080036	4,938.000	Ft
0140	Subbase, CIP	3010002	527.000	Cyd
0150	_ Aggregate Base, 21AA Limestone	3027031	26.000	Ton
0160	Maintenance Gravel	3060020	1,000.000	Ton
0170	_ Paver Approach	3077011	190.000	Syd
0180	Culv End Sect, 12 inch	4010012	2.000	Ea
0190	Sewer, Cl A, 12 inch, Tr Det A	4020004	197.000	Ft
0200	Sewer, Cl A, 12 inch, Tr Det B	4020033	351.000	Ft
0210	Sewer Tap, 12 inch	4021204	13.000	Ea
0220	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0240	Dr Structure Cover, Type B	4030010	7.000	Ea
0250	Dr Structure Cover, Type G	4030040	6.000	Ea
0260	Dr Structure Cover, Type K	4030050	17.000	Ea
0270	Dr Structure, 24 inch dia	4030200	6.000	Ea

0280	Dr Structure, 48 inch dia	4030210	15.000	Ea
0290	Dr Structure, 60 inch dia	4030220	2.000	Ea
0300	Underdrain, Subgrade, 6 inch	4040073	5,700.000	Ft
0310	Cold Milling HMA Surface	5010002	117.000	Syd
0320	Hand Patching	5010025	10.000	Ton
0330	HMA, 3C	5010031	1,743.000	Ton
0340	HMA, 4E1	5010050	3,486.000	Ton
0350	Cement	6030005	2.000	Ton
0360	Driveway, Nonreinf Conc, 6 inch	8010005	153.000	Syd
0370	Driveway, Nonreinf Conc, 8 inch	8010007	87.000	Syd
0380	Driveway Opening, Conc, Det M	8020050	374.000	Ft
0390	_ Curb and Gutter, Conc, Det F4, Modified	8027001	3,956.000	Ft
0400	_ Spillway, Conc, Modified	8027050	12.000	Ea
0410	Detectable Warning Surface	8030010	133.000	Ft
0420	Sidewalk Ramp, Conc, 6 inch	8030036	743.000	Sft
0430	Sidewalk, Conc, 4 inch	8030044	20,125.000	Sft
0440	Sidewalk, Conc, 6 inch	8030046	425.000	Sft
0450	_ Integral Sidewalk Retaining Wall, 6 inch to 18 inch	8037010	85.000	Sft
0460	_ Sidewalk, Conc, 8 inch	8037010	125.000	Sft
0470	Post, Mailbox	8070095	2.000	Ea
0480	Fence, Protective	8080007	419.000	Ft
0490	Sign, Type III, Rem	8100403	7.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	771.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	224.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	14.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	14.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0560	Pavt Mrkg, Polyurea, 4 inch, White	8110091	650.000	Ft
0570	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,534.000	Ft
0580	Pavt Mrkg, Polyurea, 6 inch, White	8110094	6,267.000	Ft
0590	Recessing Pavt Mrkg, Transv	8110451	1,216.000	Sft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0620	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
0630	Lighted Arrow, Type A, Oper	8120121	2.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,500.000	Ft
0660	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	5,652.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	504.000	Ft
0680	Plastic Drum, High Intensity, Furn	8120250	194.000	Ea
0690	Plastic Drum, High Intensity, Oper	8120251	194.000	Ea

0700	Sign, Type B, Temp, Prismatic, Furn	8120350	920.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	920.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	168.000	Sft
0730	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	168.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	_ Pedestrian Ramp, Temp	8127050	4.000	Ea
0760	_ Pedestrian, Type II Barricade, Temp	8127050	5.000	Ea
0770	_ Slope Restoration	8167011	2,000.000	Syd
0780	Conduit, Directional Bore, 3 inch	8190044	46.000	Ft
0790	_ Conduit, DB, Schedule 80 PVC, 3 inch	8197001	2,917.000	Ft
0800	_ Handhole Assembly, 17 inch x 30 inch	8197050	11.000	Ea
0810	Monument Preservation	8210010	2.000	Ea
0820	_ Monument Box or Gate Box, Adj	8217050	2.000	Ea
0830	_ Excavate and Backfill Water Service Trench Tap and Lead	8237001	50.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180601 089

Letting Date: June 1, 2018

Contract ID: 82000-200038

Description: 0.44 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk and ramps, structure epoxy overlay, guardrail, signing and pavement markings on Wayne Road from Westbound Michigan Avenue (US-12) to Glenwood Road in the city of Wayne, Wayne County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200038A	1800709	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	7.000	Ft
0030	Guardrail, Rem	2040035	254.000	Ft
0040	Sidewalk, Rem	2040055	55.000	Syd
0050	_ Misc Pavt, Rem, Patching	2047011	1,000.000	Syd
0060	_ Misc Subgrade Undercutting, Type IV	2047021	100.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	16.000	Ea
0080	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0090	Project Cleanup	2090001	1.000	LSUM
0100	Dr Structure, Cleaning	4030290	8.000	Ea
0110	Dr Structure, Temp Lowering	4030390	25.000	Ea
0120	_ Misc Structure Reconstruct	4037001	30.000	Ft
0130	_ Misc San Structure Cover, Adj	4037050	6.000	Ea
0140	_ Misc Structure Cover, Adj	4037050	23.000	Ea
0150	_ Misc Structure Cover, Adj, Furn Cover A	4037050	4.000	Ea
0160	_ Misc Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0170	Pavt, Cleaning	5010001	1.000	LSUM
0180	Cold Milling HMA Surface	5010002	13,300.000	Syd
0190	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0200	Hand Patching	5010025	105.000	Ton
0210	HMA, 4E10	5010052	1,646.000	Ton
0220	HMA, 5E3	5010057	18.000	Ton
0230	HMA, 5E10	5010058	1,200.000	Ton
0240	_ Misc Preparing Pavt	5017001	2,327.000	Ft
0250	_ Misc Bit Mixture for Patching, Temp	5017031	35.000	Ton
0260	_ Misc Conditioning Existing Pavement	5017031	314.000	Ton
0270	_ Misc HMA, Base Repr, Patching	5017031	10.000	Ton

0280	Joint, Contraction, Cp	6020200	400.000	Ft
0290	Joint, Expansion, E2	6020207	170.000	Ft
0300	Joint, Expansion, E3	6020208	152.000	Ft
0310	Lane Tie, Epoxy Anchored	6030030	6.000	Ea
0320	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,000.000	Syd
0330	_ Misc Conc Curb Cap	8027001	346.000	Ft
0340	_ Misc Conc Curb Cap, Patching	8027001	947.000	Ft
0350	Detectable Warning Surface	8030010	181.000	Ft
0360	Curb Ramp Opening, Conc	8030030	7.000	Ft
0370	Sidewalk Ramp, Conc, 4 inch	8030034	488.000	Sft
0380	Sidewalk, Clay Brick Pavers	8030050	800.000	Sft
0390	Guardrail, Type B	8070000	64.000	Ft
0400	Guardrail, Curved, Type B	8070010	24.000	Ft
0410	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0420	Guardrail Anch, Bridge, Det T2	8070023	3.000	Ea
0430	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0440	Guardrail, Salv	8070075	27.000	Ft
0450	Guardrail Reflector	8070080	8.000	Ea
0460	_ Misc Field Office	8097043	4.000	Mo
0470	Post Hole Through Conc for Steel Post	8100340	16.000	Ea
0480	_ Misc Sign, Type B, Perm	8107010	207.000	Sft
0490	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	950.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	350.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,200.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	5,900.000	Ft
0550	Rem Spec Mrkg	8110343	100.000	Sft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Furn	8120022	30.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Oper	8120023	30.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	250.000	Ft
0640	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	250.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	250.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	250.000	Ft
0670	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0680	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0690	Sign Cover	8120310	4.000	Ea

0700	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0710	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	1,127.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	1,127.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	4.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	4.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	Topsoil Surface, Furn, 2 inch	8160060	8.000	Syd
0780	Water, Sodding/Seeding	8160090	1.000	Unit
0790	_ Misc Seeding, Mixture THM	8167011	8.000	Syd

Section: 2

0800	HMA Patch, Rem	5010006	7.000	Syd
0810	_ Misc Expansion Joint Seal-Bridge, Replace	7097001	76.000	Ft
0820	Hand Chipping, Shallow	7120003	8.000	Syd
0830	Hand Chipping, Other Than Deck	7120007	12.000	Cft
0840	Patching Mortar or Conc	7120016	75.000	Cft
0850	Epoxy Ovly	7120020	1,500.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 090

Letting Date: June 1, 2018

Contract ID: 41000-200796

Description: 0.08 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, streetscaping, lighting and pavement markings on Weston Street from Division Street to Jefferson 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
200796A	1800714	N/A	TA 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Dust Control	1027051	1.000	LSUM
0020	_ Contaminated Material, Storage, Handling and Disposal	1077060	5,000.000	Dlr
0030	Mobilization, Max \$70,900.00	1500001	1.000	LSUM
0040	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0050	_ Dr Structure, Reconstruct	2037050	6.000	Ea
0060	Curb and Gutter, Rem	2040020	60.000	Ft
0070	Curb, Rem	2040021	780.000	Ft
0080	Sidewalk, Rem	2040055	580.000	Syd
0090	_ Abandon and Fill Underground Utilities, 10" Dia.	2047001	350.000	Ft
0100	_ Pavt, Rem, Modified	2047011	2,200.000	Syd
0110	_ Machine Grading, Modified	2057002	5.000	Sta
0120	_ Storm Water Operator Inspections	2087050	20.000	Ea
0130	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0140	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0150	Subbase, CIP	3010002	780.000	Cyd
0160	_ Aggregate Base, 6 inch, Modified	3027011	2,020.000	Syd
0170	Maintenance Gravel, LM	3060021	50.000	Cyd
0180	_ Basin Connection, Ductile Iron, CI 53, 10 inch	4027001	8.000	Ft
0190	_ Basin Connection, Ductile Iron, CI 53, 12 inch	4027001	6.000	Ft
0200	_ Dr Structure Cover, Special	4037030	8,000.000	Lb
0210	_ Catch Basin, Det S-4	4037050	1.000	Ea
0220	_ Catch Basin, Infiltration	4037050	1.000	Ea
0230	_ Dr Structure Cover, Adj, Special	4037050	10.000	Ea
0240	Underdrain, Subbase, 6 inch	4040063	680.000	Ft
0250	HMA Approach	5010061	320.000	Ton
0260	_ Temporary HMA Pavement	5017031	30.000	Ton
0270	Joint, Contraction, Cp	6020200	630.000	Ft

0280	_ Conc Base Cse, Nonreinf, 8 inch, Modified	6027011	1,040.000	Syd
0290	_ Curb and Gutter, Conc, Det P-5,18 inch pan	8027001	720.000	Ft
0300	Curb Ramp Opening, Conc	8030030	52.000	Ft
0310	Sidewalk Ramp, Conc, 4 inch	8030034	320.000	Sft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	240.000	Sft
0330	Sidewalk, Conc, 6 inch	8030046	880.000	Sft
0340	_ Conc Header, 12 inch	8037001	54.000	Ft
0350	_ Detectable Warning Surface, Modified	8037001	40.000	Ft
0360	_ Fence, Temporary, Modified	8037001	300.000	Ft
0370	_ Brick Pavers	8037010	9,075.000	Sft
0380	_ Conc Base, Reinf, 6 inch	8037010	950.000	Sft
0390	_ Porous Paver	8037010	950.000	Sft
0400	_ Sidewalk, Conc, 4 inch, Modified	8037010	4,080.000	Sft
0410	_ Sidewalk, Conc, Reinf, 8 inch	8037010	1,820.000	Sft
0420	_ Sign, Rem and Salvage	8107050	10.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	80.000	Ft
0440	Pavt Mrkg, Polyurea, 4 inch, White	8110091	480.000	Ft
0450	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	560.000	Ft
0460	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0530	_ Pedestrian Type II Channelizer, Temp	8127001	60.000	Ft
0540	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0550	_ Sign, Temporary Business, Oper	8127050	10.000	Ea
0560	Site Preparation, Max \$500.00	8150001	1.000	LSUM
0570	_ Carpinus Caroliniana, American Hornbeam, 2.5 inch	8157050	4.000	Ea
0580	_ Echinacea 'Fragrant Angel', 1 Gal Cont	8157050	8.000	Ea
0590	_ Echinacea 'Maui Sunshine', 1 Gal Cont	8157050	26.000	Ea
0600	_ Echinacea 'Pixi Meadowbrite', 1 Gal Cont	8157050	19.000	Ea
0610	_ Gleditsia Triacanthos, Inermis 'Moraine', 3 inch	8157050	4.000	Ea
0620	_ Pennisetum orientale 'Karley Rose', 1 Gal Cont.	8157050	18.000	Ea
0630	_ Porous Tree Grate	8157050	11.000	Ea
0640	_ Tree Water Bag	8157050	11.000	Ea
0650	_ Turf Watering	8157050	12.000	Ea
0660	_ Ulmus, 'New Horizon', 2.5 inch	8157050	3.000	Ea
0670	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0680	_ Turf Establishment	8167011	200.000	Syd
0690	_ Prepared Soil	8167021	250.000	Cyd
0700	_ Conductor, (4) # 6 CU U.S.E. 600V Insulation	8197001	550.000	Ft
0710	_ Conduit, Concrete Encased, Sch 20 PVC (9) Split 4 inch, (Detail E-34A)	8197001	280.000	Ft

0720	_ Conduit, Direct Buried Schedule 40 PVC, (1) 2 Inch	8197001	550.000	Ft
0730	_ Conduit(s) Connect to Existing	8197050	4.000	Ea
0740	_ Removal, Existing Conduit	8197051	1.000	LSUM
0750	_ Removal, Existing Street Lighting System	8197051	1.000	LSUM
0760	_ Concrete Base, Street Lighting Pole, (Detail E-28A)	8207050	3.000	Ea
0770	_ Street Lighting Pole, 23 Foot Ornamental, LED Luminaire, (Detail E-28)	8207050	3.000	Ea
0780	_ Water Main Insulation System	8237001	30.000	Ft
0790	_ Water Main, DI CI 53, 12 inch	8237001	30.000	Ft
0800	_ Water Main, DI CI 53, 4 inch	8237001	24.000	Ft
0810	_ Water Main, DI CI 53, 6 inch	8237001	150.000	Ft
0820	_ Water Main, DI CI 53, 8 inch	8237001	360.000	Ft
0830	_ Bend, 45 Degree, 4 inch	8237050	4.000	Ea
0840	_ Bend, 45 Degree, 6 inch	8237050	16.000	Ea
0850	_ Bend, 45 Degree, 8 inch	8237050	12.000	Ea
0860	_ Bend, 90 Degree, 6 inch	8237050	1.000	Ea
0870	_ Hydrant, 5 inch	8237050	1.000	Ea
0880	_ Hydrant, Rem, Salvage	8237050	1.000	Ea
0890	_ Reducer, 12 inch X 8 inch	8237050	1.000	Ea
0900	_ Sleeve, 12 inch	8237050	1.000	Ea
0910	_ Sleeve, 4 inch	8237050	2.000	Ea
0920	_ Sleeve, 6 inch	8237050	2.000	Ea
0930	_ Sleeve, 8 inch	8237050	4.000	Ea
0940	_ Tee, 8 inch x 8 inch x 4 inch	8237050	1.000	Ea
0950	_ Tee, 8 inch x 8 inch x 6 inch	8237050	4.000	Ea
0960	_ Valve and Box, 4 inch	8237050	1.000	Ea
0970	_ Valve and Box, 6 inch	8237050	3.000	Ea
0980	_ Valve and Box, 8 inch	8237050	2.000	Ea
0990	_ Valve Box, Adjust	8237050	2.000	Ea
1000	_ Sanitary Sewer Cleanout	8257050	1.000	Ea
1010	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 180601 091

Letting Date: June 1, 2018

Contract ID: 63125-133397

Description: 0.22 mi of hot mix asphalt surface removal and surfacing, concrete curb, gutter, sidewalk and ramps, aggregate base and drainage on West Road from Beck Road to east city limits of Wixom in the city of Wixom, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133397A	1800766	N/A	STU 63125

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,600.00	1500001	1.000	LSUM
0020	_ Clearing, less than 3 inch	2017012	0.100	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	3.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	70.000	Ft
0070	Curb and Gutter, Rem	2040020	1,177.000	Ft
0080	Pavt, Rem	2040050	235.000	Syd
0090	Sidewalk, Rem	2040055	39.000	Syd
0100	Exploratory Investigation, Vertical	2040080	25.000	Ft
0110	Embankment, CIP	2050010	200.000	Cyd
0120	Excavation, Earth	2050016	1,800.000	Cyd
0130	Granular Material, CI II	2050023	38.000	Cyd
0140	_ Subgrade Undercutting, 1 x 3, Special	2057021	360.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0160	Erosion Control, Silt Fence	2080036	500.000	Ft
0170	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	1,230.000	Syd
0180	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	7,199.000	Syd
0190	Maintenance Gravel	3060020	700.000	Ton
0200	_ Geogrid	3087011	8,199.000	Syd
0210	Culv End Sect, 12 inch	4010012	2.000	Ea
0220	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0230	Culv, CI F, CSP, 12 inch	4010675	45.000	Ft
0240	Sewer, CI IV, 12 inch, Tr Det B	4020987	333.000	Ft
0250	Video Taping Sewer and Culv Pipe	4021275	333.000	Ft
0260	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0270	Dr Structure Cover, Type B	4030010	2.000	Ea

0280	Dr Structure Cover, Type K	4030050	8.000	Ea
0290	Dr Structure, 24 inch dia	4030200	4.000	Ea
0300	Dr Structure, 48 inch dia	4030210	6.000	Ea
0310	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0320	Dr Structure, Cleaning	4030290	15.000	Ea
0330	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0340	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0350	Dr Structure, Tap, 24 inch	4030324	4.000	Ea
0360	_ Structure Reconstruct, Add'l Depth	4037001	5.000	Ft
0370	_ DPW Structure Cover	4037050	14.000	Ea
0380	_ Structure, Reconstruct	4037050	9.000	Ea
0390	_ Underdrain, Subgrade, Open-Graded, 6 inch, Modified	4047001	2,356.000	Ft
0400	HMA Surface, Rem	5010005	5,808.000	Syd
0410	HMA, 4E1	5010050	2,034.000	Ton
0420	HMA, 5E1	5010056	555.000	Ton
0430	HMA Approach	5010061	139.000	Ton
0440	Driveway, Nonreinf Conc, 8 inch	8010007	118.000	Syd
0450	Curb and Gutter, Conc, Det F4	8020038	2,342.000	Ft
0460	Driveway Opening, Conc, Det M	8020050	491.000	Ft
0470	Detectable Warning Surface	8030010	84.000	Ft
0480	Curb Ramp Opening, Conc	8030030	84.000	Ft
0490	Sidewalk Ramp, Conc, 6 inch	8030036	420.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	2,355.000	Sft
0510	Post, Mailbox	8070095	3.000	Ea
0520	Post, Flexible, Delineator	8100360	2.000	Ea
0530	Post, Steel, 3 lb	8100371	96.000	Ft
0540	Sign, Type II, Rem	8100397	1.000	Ea
0550	Sign, Type IIA	8100398	1.000	Sft
0560	Sign, Type IIB	8100399	10.000	Sft
0570	Sign, Type III, Rem	8100403	4.000	Ea
0580	Sign, Type IIIA	8100404	28.000	Sft
0590	Sign, Type IIIB	8100405	6.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0630	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	900.000	Ft
0640	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,675.000	Ft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0670	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0680	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0690	Dust Palliative, Applied	8120100	5.000	Ton
0700	Minor Traf Devices	8120170	1.000	LSUM

0710	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0730	Sign Cover	8120310	5.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	106.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	106.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	_ Turf Establishment, Special	8167011	8,722.000	Syd
0800	_ Reimbursed Permit Fees	8167060	6,950.000	Dlr
0810	_ Sprinkler Line	8237001	1,000.000	Ft
0820	_ Sprinkler Head, Relocate	8237050	10.000	Ea
0830	_ Sprinkler Head, Replace	8237050	10.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 092

Letting Date: June 1, 2018

Contract ID: 79134-128558

Description: Runway 6-24 Lighting at the Tuscola Area Airport, city of Caro, Tuscola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128558A	B-26-0016-2516	N/A	FM 79134

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	Dir
0040	Bare Counterpoise Wire, #6, Solid, Installed	1080531	11,100.000	Lft
0050	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	12,400.000	Lft
0060	Furnish & Install Specified Electrical Vault Equipment	1090530	1.000	LSUM
0070	Plastic Conduit, 1 1/4", Direct Burial	1100612	10,600.000	Lft
0080	Misc. Undgnd Elec Duct, 2 Bank 3" HDPE, Directional Bore	1107001	75.000	Lft
0090	Misc. Undgnd Elec Duct, 2 Bank 3" Plastic, Extension	1107001	30.000	Lft
0100	Misc. Undgnd Elec Duct, 4 Bank 3" Plastic, Extension	1107001	15.000	Lft
0110	Electrical Handhole, With Cover, as Specified	1150550	5.000	Ea
0120	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 360 Clear Color, Height as specified	1250600	40.000	Ea
0130	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 180 Red/180 Green Colors, Height as specified	1250601	16.000	Ea
0140	Medium Intensity Edge Light, L861 (L), LED, (MIRL/MITL),6.6A, Base Mount, 180 Yellow/180 Clear Colors, Height as specified	1250605	4.000	Ea
0150	Remove Existing Medium Intensity Base Mounted Light	1250643	60.000	Ea
0160	Taxiway Guidance Sign, L858 (L), LED, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250705	8.000	Ea
0170	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	8.000	Ea
0180	Remove Guidance Sign	1250799	16.000	Ea
0190	Misc. Replace Apron Flood Lights	1257050	6.000	Ea
0200	Misc. Spare Airfield Lighting Components	1257051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180601 093

Letting Date: June 1, 2018

Contract ID: 29330-202207

Description: Bituminous crack and underdrain repairs at the Gratiot Community Airport, city of Alma, Gratiot county.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202207A	B-26-0003-1916	N/A	FM 29330

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	Joint and Crack Sealing, As Specified	6050520	2,000.000	Lft
0040	Misc. Joint repair with mastic, 3' wide min., as specified	6057001	700.000	Lft
0050	Misc. Joint repair with mastic, under 3' wide, as specified	6057001	2,600.000	Lft
0060	Misc. Runway joint sealing	6057001	3,700.000	Lft
0070	Pipe Underdrain 4", Type as Specified	7050510	1,190.000	Lft
0080	Pipe Underdrain 6", Type as Specified	7050511	920.000	Lft
0090	Underdrain Concrete End Section	7050527	1.000	Ea
0100	Misc. 6" schedule 80 pipe casing, bored under pavement	7057001	80.000	Lft
0110	Misc. 8" schedule 80 pipe casing, bored under pavement	7057001	120.000	Lft
0120	Inlet 4' Diameter, Type 4, Through 8' Depth	7510523	4.000	Ea
0130	Drainage Structure Cover, Type E, in Place	7510584	4.000	Ea
0140	Misc. Plain riprap	8007011	4.000	Syd
0150	Seeding with Mixture and Rate, As Specified	9010517	1.000	Acre
0160	Misc. Mulching as specified	9087012	1.000	Acre



Schedule of Pay Items

Report v1

Letting Call: 180601 094

Letting Date: June 1, 2018

Contract ID: 77382-125052

Description: Rehabilitate runway and lighting on runway 4-22 at the St. Clair County International Airport, city of Port Huron, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125052A	Applicable	N/A	FM 77382
125055A	Applicable	N/A	FM 77382

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	2.000	LSUM
0020	Safety and Security	1000410	2.000	LSUM
0030	Permits	1000535	10,000.000	Dlr
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	306.000	Lft
0050	Remove Asphalt Pavement	1010245	806.000	Syd
0060	Misc. Profile Milling to 2.0" Below Finished Grade	1017211	14,408.000	Syd
0070	Misc. Profile Milling to 3.5" Below Finished Grade	1017211	52,507.000	Syd
0080	Bare Counterpoise Wire, #6, Solid, Installed	1080531	20,500.000	Lft
0090	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	62,500.000	Lft
0100	Construct Airport Electrical Vault Building, as Specified	1090510	1.000	Ea
0110	Furnish & Install Specified Electrical Vault Equipment	1090530	1.000	LSUM
0120	Plastic Conduit, 2", Direct Burial	1100614	20,200.000	Lft
0130	Underground Electrical Duct, 2 Bank 3", Direct Burial	1100626	245.000	Lft
0140	Underground Electrical Duct, 4 Bank 4", Direct Burial	1100638	1,213.000	Lft
0150	Underground Electrical Duct, 6 Bank 4", Direct Burial	1100640	120.000	Lft
0160	Electrical Handhole, With Cover, as Specified	1150550	12.000	Ea
0170	Misc. Airfield Electrical Junction Can	1157050	9.000	Ea
0180	High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 360 Clear, Height as Specified	1250510	11.000	Ea
0190	High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 180 Red/180 Green Colors, Height as specified	1250520	16.000	Ea
0200	High Intensity Runway Light, L862, (HIRL), 6.6A, Base Mount, 180 Yellow/180 Clear Colors, Height as Specified	1250526	39.000	Ea
0210	Remove Existing High Intensity Base Mounted Light	1250553	66.000	Ea
0220	Remove Existing Medium Intensity Base Mounted Light	1250643	77.000	Ea
0230	Taxiway Guidance Sign, L858 (L), LED, 1 Module, Pad	1250705	7.000	Ea

	Mounted, Type, Size, and Style as Specified			
0240	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	6.000	Ea
0250	Taxiway Guidance Sign, L858 (L), LED, 3 Module, Pad Mounted, Type, Size, and Style as Specified	1250707	3.000	Ea
0260	Distance Remaining Sign, L-858B/L858H (L), LED, Pad Mounted, Size and Style as Specified	1250711	4.000	Ea
0270	Remove Guidance Sign	1250799	7.000	Ea
0280	Remove Precision Approach Path Indicator (PAPI) 4 Box, As Specified	1250847	1.000	Set
0290	Misc. Install Power/Disconnect Rack	1257050	2.000	Ea
0300	Misc. Relocate Existing MITL on New Base	1257050	53.000	Ea
0310	Misc. Install PAPI, L-880(L), LED, 4 Box, Furnished by Owner	1257055	1.000	Set
0320	Erosion Control, Silt Fence	1560625	500.000	Lft
0330	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	2,500.000	Cyd
0340	Bituminous Surface Course-Gradation 2	4010638	16,500.000	Ton
0350	Bituminous Tack Coat	6030510	13,000.000	Gal
0360	Airport Pavement Marking, Solid, Black	6200517	1,290.000	Sft
0370	Airport Pavement Marking, 1/2 Rate, Striated, White	6200518	72,480.000	Sft
0380	Airport Pavement Marking, 1/2 Rate, Solid, Yellow	6200519	3,000.000	Sft
0390	Airport Pavement Marking, Striated, White, With Reflective Beads	6200532	72,480.000	Sft
0400	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	6,000.000	Sft
0410	Saw Cut Grooves	6210520	45,182.000	Syd
0420	Pipe Underdrain 6", Type as Specified	7050511	265.000	Lft
0430	Adjust Drainage Structure	7510560	4.000	Ea
0440	Misc. Overband Crack Sealing	8007001	30,000.000	Lft
0450	Misc. Undrgrnd. Elec. Duct, 4 Bank 4", Directional Bore	8007001	240.000	Lft
0460	Misc. Undrgrnd. Elec. Duct, 6 Bank 4", Directional Bore	8007001	681.000	Lft
0470	Misc. Deep Mill Paving Preparation	8007011	5,000.000	Syd
0480	Misc. Geotextile Separator, As Specified	8007011	2,500.000	Syd
0490	Misc. Wide Area Paving Preparation	8007011	10,000.000	Syd
0500	Misc. Full-Depth Subgrade Undercutting	8007021	1,667.000	Cyd
0510	Misc. Partial-Depth Subgrade Undercutting	8007021	833.000	Cyd
0520	Misc. Bituminous Repair Material	8007031	750.000	Ton
0530	Misc. Remove Intersection Monument	8007050	1.000	Ea
0540	Misc. Remove Runway Centerline Monument/Approach Marker	8007050	10.000	Ea
0550	Misc. Runway Approach Surface Marker	8007050	8.000	Ea
0560	Misc. Runway Centerline Monument	8007050	1.000	Ea
0570	Misc. Cold Milling and Paving Grade Control	8007051	1.000	LSUM
0580	Misc. Construction Layout & Stakes, by Contractor	8007051	1.000	LSUM
0590	Misc. Remove Existing Vault Equipment	8007051	1.000	LSUM
0600	Misc. Utility Permits	8007060	15,000.000	Dir

0610	Seeding with Mixture and Rate, As Specified	9010517	6.000	Acre
0620	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	1,800.000	Cyd
0630	Wood Fiber Mulch	9080515	6.000	Acre



Schedule of Pay Items

Report v1

Letting Call: 180601 095

Letting Date: June 1, 2018

Contract ID: M71841

Description: Drainage improvements on I-75 at various locations, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M71841	N/A	N/A	M 63172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0020	Culv, End, Rem, 24 inch to 48 inch	2030006	5.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	32.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	32.000	Ft
0050	Curb and Gutter, Rem	2040020	50.000	Ft
0060	Guardrail, Rem	2040035	132.000	Ft
0070	Exploratory Investigation, Vertical	2040080	140.000	Ft
0080	Ditch Cleanout	2050006	10.000	Sta
0090	Embankment, CIP	2050010	285.000	Cyd
0100	Excavation, Earth	2050016	220.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0130	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0140	Erosion Control, Silt Fence	2080036	500.000	Ft
0150	Culv End Sect, 30 inch	4010030	2.000	Ea
0160	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0170	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0180	Culv End Sect, Footing	4010072	3.000	Ea
0190	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0200	Culv, CI A, Conc, 15 inch	4010166	16.000	Ft
0210	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0220	Culv, CI A, CSP, 24 inch	4010202	24.000	Ft
0230	Dr Marker Post	4011109	9.000	Ea
0240	_ Culvert Cleanout	4017001	425.000	Ft
0250	_ Slip Pipe Liner, 30 inch	4017001	150.000	Ft
0260	Sewer Tap, 18 inch	4021206	1.000	Ea
0270	Sewer Tap, 24 inch	4021207	1.000	Ea
0280	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0290	Sewer Bulkhead, 30 inch	4021236	2.000	Ea

0300	Video Taping Sewer and Culv Pipe	4021275	300.000	Ft
0310	_ Cured-In-Place Pipe Lining, 24 inch	4027001	220.000	Ft
0320	_ Sewer Cleanout	4027001	80.000	Ft
0330	_ Dewatering System	4027051	1.000	LSUM
0340	Dr Structure Cover, Type G	4030040	1.000	Ea
0350	Dr Structure, 48 inch dia	4030210	1.000	Ea
0360	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0370	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0380	Conc, Grade S2	7060011	2.000	Cyd
0390	Reinforcement, Steel, Culv and Headwall	7060091	65.000	Lb
0400	Curb and Gutter, Conc, Det D2	8020031	50.000	Ft
0410	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0420	Guardrail, Type B	8070000	75.000	Ft
0430	Guardrail Approach Terminal, Type 2T	8070043	1.000	Ea
0440	Guardrail Reflector	8070080	2.000	Ea
0450	Delineator Reflector, Green	8100133	1.000	Ea
0460	Post, Rigid, Delineator	8100361	1.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0490	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0500	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0510	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0520	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0530	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0540	Conc Barrier, Temp, Relocated	8120083	200.000	Ft
0550	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0560	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0620	Sign Cover	8120310	20.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	1,030.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,030.000	Sft
0650	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0660	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0670	Riprap, Plain	8130010	9.000	Syd
0680	_ Ditch Liner	8137011	161.000	Syd
0690	Slope Restoration, Type B	8160101	360.000	Syd
0700	Slope Restoration, Type C	8160102	790.000	Syd
0710	Slope Restoration, Type D	8160103	880.000	Syd

0720	Flowable Fill, Non-Structural	8260148	14.000	Cyd
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Schedule of Pay Items

Report v1

Letting Call: 180601 096

Letting Date: June 1, 2018

Contract ID: 63102-M71846

Description: 9.74 mi of storm tunnel cleanout along I-696 from Lahser Road to Dequindre Road, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M71846	N/A	N/A	M 63102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,400.00	1500001	1.000	LSUM
0020	_ Sewer Cleanout	4027001	51,683.000	Ft
0030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Mobile Attenuator	8120180	1.000	Ea
0090	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0110	Sign Cover	8120310	5.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0140	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0150	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0160	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0170	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 097

Letting Date: June 1, 2018

Contract ID: M71843

Description: Catch basin repairs on various routes in the cities of Bloomfield Hills, Franklin, Pontiac, Southfield, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M71843	N/A	N/A	M 63900

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	100.000	Ea
0030	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0040	Dr Structure Cover, Type C	4030015	27.000	Ea
0050	Dr Structure Cover, Type J	4030045	36.000	Ea
0060	Dr Structure Cover, Type K	4030050	10.000	Ea
0070	Dr Structure, Cleaning	4030290	243.000	Ea
0080	_ Dr Structure Repair, Add Depth	4037001	100.000	Ft
0090	_ Dr Structure Repair, Composite Pavt	4037050	243.000	Ea
0100	_ Dr Structure, Hardened Debris, Rem	4037050	72.000	Ea
0110	Crack Sealing, Conc Pavt	6030010	6,415.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0190	Sign Cover	8120310	20.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0220	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0230	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0240	Slope Restoration, Type B	8160101	100.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180601 098

Letting Date: June 1, 2018

Contract ID: 63000-131208

Description: 0.90 mi of construction of pavement and concrete sidewalk, infill, crosswalks and ramps, drainage work and signal work at Thompson International Academy, Yeshiva Beth Yehudah and Beth Jacob School in the city of Southfield, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131208A	1763054	N/A	TA 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1027060	12,550.000	Dir
0020	Mobilization, Max \$68,700.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	369.000	Ft
0040	Sidewalk, Rem	2040055	328.000	Syd
0050	_ Pavt, Rem, Mod	2047011	2,314.000	Syd
0060	_ Sidewalk Grading	2057001	6,754.000	Ft
0070	_ Subgrade Undercutting, Type II, Mod	2057021	25.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0090	Erosion Control, Silt Fence	2080036	33.000	Ft
0100	_ Aggregate Base, Mod	3027031	1,433.000	Ton
0110	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0120	Dr Structure Cover, Type G	4030040	1.000	Ea
0130	_ Dr Structure, 48 Inch dia, Over Ex Sewer, Special	4037050	1.000	Ea
0140	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	246.000	Syd
0150	Joint, Contraction, Cp	6020200	72.000	Ft
0160	Joint, Expansion, E2	6020207	256.000	Ft
0170	_ Decorative Concrete Pavement, 9 inch	6027011	154.000	Syd
0180	Driveway, Nonreinf Conc, 6 inch	8010005	1,358.000	Syd
0190	Curb and Gutter, Conc, Det F4	8020038	50.000	Ft
0200	_ Curb, Conc, Det B2, Mod	8027001	440.000	Ft
0210	_ Curb, Conc, Det F3, Mod	8027001	356.000	Ft
0220	_ Curb, Conc, Det F4, Mod	8027001	50.000	Ft
0230	Detectable Warning Surface	8030010	140.000	Ft
0240	Curb Ramp Opening, Conc	8030030	245.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	1,827.000	Sft
0260	Sidewalk, Conc, 4 inch	8030044	21,535.000	Sft
0270	Sidewalk, Conc, 6 inch	8030046	9,958.000	Sft

0280	Band, Sign	8100010	8.000	Ea
0290	Post, Flexible, Delineator	8100360	10.000	Ea
0300	Post, Steel, 3 lb	8100371	112.000	Ft
0310	Post, Wood, 4 inch by 6 inch	8100380	72.000	Ft
0320	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0330	Sign, Type III, Rem	8100403	6.000	Ea
0340	Sign, Type IIIA	8100404	70.000	Sft
0350	Sign, Type IIIB	8100405	36.000	Sft
0360	_ Mast Arm Std, 21 foot, RCOC	8107050	2.000	Ea
0370	_ Mast Arm Std, Fdn, RCOC	8107050	2.000	Ea
0380	_ Mast Arm, Mtd, Sign, Type IIIB, RCOC	8107050	2.000	Ea
0390	_ Mast Arm, RCOC	8107050	2.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	96.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0420	Pedestrian Type II Barricade, Temp Pedestrian Type II Barricade, Temp	8120026	60.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Plastic Drum, High Intensity, Furn	8120250	129.000	Ea
0470	Plastic Drum, High Intensity, Oper	8120251	129.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	667.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	667.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	_ Sprinkler Head Restoration	8157050	100.000	Ea
0520	_ Color Audio Video Route Survey	8157051	1.000	LSUM
0530	_ Turf Establishment, Performance	8167011	4,135.000	Syd
0540	Conduit, DB, 1, 1 1/4 inch	8190026	110.000	Ft
0550	Conduit, DB, 1, 1 1/2 inch	8190027	5.000	Ft
0560	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0570	Conduit, DB, 2, 3 inch	8190032	10.000	Ft
0580	Conduit, DB, 3, 4 inch	8190036	5.000	Ft
0590	Hh, Round	8190260	6.000	Ea
0600	Wood Pole, Fit Up, Metered Sec Elec Serv	8190489	1.000	Ea
0610	Wood Pole, Fit Up, Sec Serv Pole	8190496	2.000	Ea
0620	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	230.000	Ft
0630	_ Conduit, Directional Bore, 2, 3 inch, RCOC	8197001	715.000	Ft
0640	_ Hh, Square, RCOC	8197050	1.000	Ea
0650	Fish Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0660	Metered Serv	8200090	1.000	Ea
0670	Pedestal, Fdn	8200105	2.000	Ea
0680	Pushbutton and Sign	8200121	4.000	Ea
0690	Serv Disconnect	8200135	3.000	Ea
0700	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea

0710	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0720	Sign Optical, (LED)	8200373	3.000	Ea
0730	Backplate, TS	8200501	4.000	Ea
0740	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	1.000	Ea
0750	_ Controller and Cabinet, Digital Type, RCOC	8207050	1.000	Ea
0760	_ Pedestal, Alum, RCOC	8207050	2.000	Ea
0770	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
0780	_ TS, One Way Mast Arm Mtd (LED), Three Sect, RCOC	8207050	4.000	Ea
0790	Gate Box, Adj, Case 1	8230431	5.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180601 099

Letting Date: June 1, 2018

Contract ID: 63630-128451

Description: Rehabilitate terminal apron at the Oakland / Troy Airport, city of Troy, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128451A	B-26-0118-1717	N/A	FM 63630

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	1,000.000	Dir
0040	Sawing Bituminous Pavement, Specified Dimensions	1010215	1,300.000	Lft
0050	Remove Asphalt Pavement	1010245	8,900.000	Syd
0060	Cable Trench, 18" & Less Width, 36" Depth	1080515	280.000	Lft
0070	Underground Cable, 1/C, #6, 5000V,L824 Type B or C, In Trench or Duct	1080586	690.000	Lft
0080	Misc. Bare Counterpoise Wire, #6 Solid, in Trench or Duct	1087001	280.000	Lft
0090	Remove Guidance Sign	1250799	2.000	Ea
0100	Misc. Install Salvaged Reflector	1257050	3.000	Ea
0110	Misc. Removal and Salvage Retro-reflective Marker	1257050	10.000	Ea
0120	Fence Removal and Disposal	1510470	0.400	Sta
0130	Misc. Removal and Disposal of Electrical Duct Bank	1517001	36.000	Lft
0140	Misc. Removal and Disposal of Aircraft Tie-Down	1517050	25.000	Ea
0150	Unclassified Excavation	1520410	900.000	Cyd
0160	Erosion Control, Inlet Filter	1560620	8.000	Ea
0170	Chain-Link Fence, 6', With Top and Bottom Rails	1620522	40.000	Lft
0180	Aggregate Base Course	2080522	1,500.000	Cyd
0190	Bituminous Surface Course-Gradation 2	4030638	1,485.000	Ton
0200	Airport Pavement Marking, Solid, Yellow	6200516	245.000	Sft
0210	Remarking Airport Pavement, Solid, Yellow	6200526	245.000	Sft
0220	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	1,200.000	Sft
0230	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	1,200.000	Sft
0240	Remove Airport Pavement Marking	6200540	1,000.000	Sft
0250	Pipe Underdrain 6", Type as Specified	7050511	640.000	Lft
0260	Manhole 4' Diameter, Type 1, Through 8' Depth	7510520	1.000	Ea

0270	Adjust Drainage Structure	7510560	5.000	Ea
0280	Drainage Structure Cover, Design as Specified, in Place	7510595	1.000	Ea
0290	Misc. Drainage Structure Tap, 6"	7517050	4.000	Ea
0300	Misc. Aircraft Tie-down	8007050	24.000	Ea
0310	Seeding with Standard Mixture B	9010511	0.500	Acre
0320	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	140.000	Cyd
0330	Wood Fiber Mulch	9080515	0.300	Acre
0340	Manufactured Netting Mulch, as Specified	9080525	970.000	Syd
