



Schedule of Pay Items

Report v1

Letting Call: 180713 001

Letting Date: July 13, 2018

Contract ID: 50000-202335

Description: 0.49 mi of removal and replacement of concrete pavement, concrete curb, gutter and sidewalk, aggregate base, watermain, storm sewer, signing and pavement markings on Beaconsfield Street from Masonic Boulevard to 14 Mile Road 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
202335A	1800795	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	7,500.000	Dir
0020	Mobilization, Max \$218,500.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	17.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	554.000	Ft
0050	Pavt, Rem	2040050	1,400.000	Syd
0060	Sidewalk, Rem	2040055	1,200.000	Syd
0070	Exploratory Investigation, Vertical	2040080	30.000	Ft
0080	Granular Material, CI II	2050023	200.000	Cyd
0090	_ Station Grading	2057002	26.000	Sta
0100	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base	3020001	100.000	Ton
0140	Aggregate Base, 6 inch	3020016	1,690.000	Syd
0150	Aggregate Base, 10 inch	3020026	12,560.000	Syd
0160	Aggregate Surface Cse, 6 inch	3060010	25.000	Syd
0170	Maintenance Gravel	3060020	600.000	Ton
0180	Geotextile, Separator	3080005	13,850.000	Syd
0190	Sewer, CI IV, 12 inch, Tr Det B	4020987	590.000	Ft
0200	Sewer Bulkhead, 12 inch	4021230	4.000	Ea
0210	Trench Undercut and Backfill	4021260	40.000	Cyd
0220	Video Taping Sewer and Culv Pipe	4021275	590.000	Ft
0230	_ External Structure Wrap, 18 inch	4027050	6.000	Ea
0240	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	11.000	Ea
0260	Dr Structure, 24 inch dia	4030200	4.000	Ea
0270	Dr Structure, 48 inch dia	4030210	13.000	Ea

0280	Dr Structure, 60 inch dia	4030220	1.000	Ea
0290	Dr Structure, Adj, Add Depth	4030280	26.000	Ft
0300	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	10.000	Ea
0320	_ Catch Basin Cover, Roseville	4037050	21.000	Ea
0330	_ Dr Structure, 36 inch dia	4037050	5.000	Ea
0340	_ Sanitary Manhole Cover, Roseville	4037050	6.000	Ea
0350	_ Storm Manhole Cover, OMCPW	4037050	5.000	Ea
0360	_ Storm Manhole Cover, Roseville	4037050	16.000	Ea
0370	Underdrain, Subgrade, 6 inch	4040073	5,700.000	Ft
0380	HMA Surface, Rem	5010005	125.000	Syd
0390	Joint and Crack, Cleanout	5010015	50.000	Ft
0400	Pavt Joint and Crack Repr, Det 7	5010020	25.000	Ft
0410	Hand Patching	5010025	3.000	Ton
0420	HMA, 13A	5010033	40.000	Ton
0430	Conc Pavt, Nonreinf, 9 inch	6020106	10,125.000	Syd
0440	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	1,275.000	Syd
0450	Joint, Expansion, E2	6020207	240.000	Ft
0460	Joint, Expansion, E3	6020208	45.000	Ft
0470	Joint, Plane-of-Weakness, W	6020211	10,000.000	Ft
0480	Pavt Gapping	6020215	150.000	Ft
0490	Joint, Plane-of-Weakness W, Intersection	6020310	2,000.000	Ft
0500	Lane Tie, Epoxy Anchored	6030030	125.000	Ea
0510	Non-Chloride Accelerator	6030035	30.000	Gal
0520	Driveway, Nonreinf Conc, 6 inch	8010005	270.000	Syd
0530	Driveway, Nonreinf Conc, 8 inch	8010007	320.000	Syd
0540	_ Driveway, Nonreinf Conc, 4 inch	8017011	45.000	Syd
0550	Driveway Opening, Conc, Det M	8020050	380.000	Ft
0560	_ Curb and Gutter, Conc, Det F5, Modified	8027001	4,400.000	Ft
0570	Detectable Warning Surface	8030010	110.000	Ft
0580	Curb Ramp Opening, Conc	8030030	175.000	Ft
0590	Sidewalk Ramp, Conc, 4 inch	8030034	1,800.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	7,900.000	Sft
0610	Sidewalk, Conc, 6 inch	8030046	1,400.000	Sft
0620	Sidewalk, Clay Brick Pavers	8030050	1,035.000	Sft
0630	Sidewalk, Clay Brick Pavers, Rem	8030051	390.000	Sft
0640	_ Sidewalk Ramp, Conc, 8 inch	8037010	675.000	Sft
0650	_ Sidewalk, Conc, 8 inch	8037010	1,200.000	Sft
0660	Post, Mailbox	8070095	21.000	Ea
0670	Fence, Moving	8080120	50.000	Ft
0680	Post, Steel, 3 lb	8100371	400.000	Ft
0690	Sign, Type II, Rem	8100397	1.000	Ea
0700	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0710	Sign, Type III, Rem	8100403	50.000	Ea
0720	Sign, Type IIIB	8100405	150.000	Sft

0730	_ Sign, Type IIIA, Special	8107010	125.000	Sft
0740	Pavt Mrkg, Polyurea, 4 inch, White	8110091	150.000	Ft
0750	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,325.000	Ft
0760	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	400.000	Ft
0770	Pavt Mrkg, Polyurea, 6 inch, White	8110094	4,550.000	Ft
0780	Pavt Mrkg, Polyurea, Bike, Small Symbol	8110105	13.000	Ea
0790	Pavt Mrkg, Polyurea, Directional Arrow Symbol, Bike	8110106	13.000	Ea
0800	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	75.000	Ft
0810	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	200.000	Ft
0820	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	110.000	Ft
0830	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0840	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	6,475.000	Ft
0850	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,550.000	Ft
0860	Rem Curing Compound, for Spec Mrkg	8110321	1,500.000	Sft
0870	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0900	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0910	Channelizing Device, 42 inch, Furn	8120030	175.000	Ea
0920	Channelizing Device, 42 inch, Oper	8120031	175.000	Ea
0930	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0940	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0950	Minor Traf Devices	8120170	1.000	LSUM
0960	Part Width Intersection Construction	8120190	3.000	Ea
0970	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0980	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0990	Sign Cover	8120310	20.000	Ea
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
1030	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
1040	Traf Regulator Control	8120370	1.000	LSUM
1050	Topsoil Surface, Furn, 3 inch	8160061	2,750.000	Syd
1060	Water, Sodding/Seeding	8160090	150.000	Unit
1070	_ Hydroseeding	8167011	2,750.000	Syd
1080	Conduit, DB, 1, 1/2 inch	8190025	25.000	Ft
1090	Conduit, Rem	8190140	20.000	Ft
1100	Case Sign Panel	8200003	2.000	Ea
1110	Case Sign Panel, Rem	8200004	4.000	Ea
1120	Case Sign Panel, Salv	8200005	2.000	Ea
1130	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
1140	Pedestal, Fdn	8200105	2.000	Ea
1150	Pedestal Fdn, Rem	8200106	2.000	Ea

1160	Pushbutton and Sign	8200121	2.000	Ea
1170	Pushbutton, Rem	8200122	2.000	Ea
1180	Pushbutton Pedestal, Alum	8200123	2.000	Ea
1190	Pushbutton Pedestal, Rem	8200124	2.000	Ea
1200	TS, Bag	8200450	6.000	Ea
1210	TS, Bag, Rem	8200451	6.000	Ea
1220	Gate Valve, 8 inch	8230062	9.000	Ea
1230	Gate Valve, 12 inch	8230064	7.000	Ea
1240	Gate Well, Abandon	8230075	4.000	Ea
1250	Gate Well, Rem	8230076	8.000	Ea
1260	Hydrant, Rem	8230091	5.000	Ea
1270	Water Main, 8 inch, Cut and Plug	8230132	4.000	Ea
1280	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
1290	Water Main, DI, 6 inch, Tr Det G	8230151	70.000	Ft
1300	Water Main, DI, 8 inch, Tr Det G	8230156	425.000	Ft
1310	Water Main, DI, 12 inch, Tr Det G	8230166	2,625.000	Ft
1320	Water Serv	8230240	7.000	Ea
1330	Gate Well, 60 inch dia	8230360	16.000	Ea
1340	_ Water Main, Rem	8237001	1,200.000	Ft
1350	_ Fire Hydrant Assembly	8237050	6.000	Ea
1360	_ Gate Well Cover, Roseville	8237050	16.000	Ea
1370	_ Water Main Connection, 12 inch	8237050	5.000	Ea
1380	_ Water Main Connection, 6 inch	8237050	2.000	Ea
1390	_ Water Main Connection, 8 inch	8237050	7.000	Ea
1400	_ Water Serv, Modified	8237050	17.000	Ea
1410	_ Temporary Water Supply System	8237051	1.000	LSUM
1420	_ Water Main, Abandon	8237051	1.000	LSUM
1430	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM
1440	_ Rubbish Pickup	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 002

Letting Date: July 13, 2018

Contract ID: 62123-126594

Description: Bridge removal and replacement with 48-inch and 36-inch prestressed concrete box beams and approach work on Colonial Avenue over Marquette Railroad, Newaygo County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126594A	N/A	N/A	MCS 62123

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$145,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	45.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0060	Embankment, CIP	2050010	19,000.000	Cyd
0070	Excavation, Earth	2050016	2,500.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0090	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0100	Subbase, CIP	3010002	2,800.000	Cyd
0110	Aggregate Base, 8 inch	3020020	5,000.000	Syd
0120	Aggregate Surface Cse, 6 inch	3060010	300.000	Syd
0130	Maintenance Gravel	3060020	100.000	Ton
0140	Shoulder, CI II, 4 inch	3070126	1,500.000	Syd
0150	Culv End Sect, 15 inch	4010015	6.000	Ea
0160	Culv, CI A, 15 inch	4010132	148.000	Ft
0170	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0180	Underdrain Outlet, 6 inch	4040093	32.000	Ft
0190	HMA Surface, Rem	5010005	3,500.000	Syd
0200	HMA, LVSP	5010703	810.000	Ton
0210	_ Curb and Gutter, Bridge Approach, Mod	8027001	103.000	Ft
0220	Guardrail, Type B	8070000	1,414.000	Ft
0230	Guardrail, Curved, Type B	8070010	50.000	Ft
0240	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0250	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0260	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0270	Post, Mailbox	8070095	6.000	Ea

0280	Post, Steel, 3 lb	8100371	48.000	Ft
0290	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0300	Sign, Type III, Rem	8100403	20.000	Ea
0310	Sign, Type IIIA	8100404	26.000	Sft
0320	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	3,200.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,200.000	Ft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0430	Riprap, Heavy	8130006	150.000	Ton
0440	Slope Paving Header	8130015	270.000	Ft
0450	Slope Paving, Conc	8130020	352.000	Syd
0460	Picea abies, 4 foot	8152740	10.000	Ea
0470	Picea omorika, 4 foot	8152786	10.000	Ea
0480	Mulch Blanket	8160027	5,000.000	Syd
0490	Mulch Blanket, High Velocity	8160028	1,500.000	Syd
0500	_ Slope Restoration	8167011	6,500.000	Syd
0510	_ Slope Restoration, Special	8167011	200.000	Syd
0520	_ Reinforced Slope, Vegetated	8167021	500.000	Cyd

Section: 2

0530	_ Railroad Inspection and Flagging	1027060	10,000.000	Dlr
0540	_ Railroad Protection	1027060	25,000.000	Dlr
0550	Structures, Rem (SN 13494)	2040060	1.000	LSUM
0560	Embankment, Structure, CIP	2050012	800.000	Cyd
0570	Aggregate, 6A	2060001	100.000	Cyd
0580	Backfill, Structure, CIP	2060002	3,700.000	Cyd
0590	Excavation, Fdn	2060010	1,000.000	Cyd
0600	Underdrain, Fdn, 6 inch	4040033	250.000	Ft
0610	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0620	Pile Driving Equipment, Furn (SN 13494)	7050002	1.000	LSUM
0630	Pile, CIP Conc, Furn and Driven, 12 inch	7050020	3,100.000	Ft
0640	Test Pile, CIP Conc, 12 inch	7050021	2.000	Ea
0650	Pile Point, CIP Conc	7050025	132.000	Ea
0660	Pile, Steel, Splice	7050050	132.000	Ea
0670	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0680	Bridge Ltg, Oper and Maintain	7060002	90.000	Cyd

0690	Conc, Low Temperature Protection	7060020	430.000	Cyd
0700	Expansion Joint Device	7060050	29.000	Ft
0710	False Decking	7060060	4,900.000	Sft
0720	Reinforcement, Steel, Epoxy Coated	7060092	45,000.000	Lb
0730	Substructure Conc	7060100	250.000	Cyd
0740	Superstructure Conc	7060110	50.000	Cyd
0750	Superstructure Conc, Form, Finish, and Cure (SN 13494)	7060111	1.000	LSUM
0760	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 13494)	7060112	1.000	LSUM
0770	Superstructure Conc, Night Casting	7060113	90.000	Cyd
0780	_ Structure Name Plate	7067050	1.000	Ea
0790	Bearing, Elastomeric, 2 1/4 inch	7070017	7,004.000	Sin
0800	Prest Conc Deck, 48 inch	7080008	4,340.000	Sft
0810	Post Tensioning (SN 13494)	7080015	1.000	LSUM
0820	Joint Waterproofing	7100001	160.000	Sft
0830	Joint Waterproofing, Expansion	7100003	500.000	Sft
0840	Conc Surface Coating (SN 13494)	7100010	1.000	LSUM
0850	Substructure Horizontal Surface Sealer (SN 13494)	7100030	28.000	Syd
0860	Bridge Barrier Railing, Type 4	7110001	248.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180713 003

Letting Date: July 13, 2018

Contract ID: 59000-121198

Description: 5.33 mi of hot mix asphalt base crushing, shaping, cold milling and resurfacing, concrete curb and gutter and pavement markings on Stanton Road from Clifford Lake Drive east to State Street, Montcalm County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121198A	1800723	N/A	EMRP 59000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$117,300.00	1500001	1.000	LSUM
0020	_ Curb Grading	2047001	2,132.000	Ft
0030	_ Intersection Preparation	2057002	2.000	Sta
0040	HMA Base Crushing and Shaping	3050002	91,132.000	Syd
0050	Salv Crushed Material, LM	3050015	50.000	Cyd
0060	Approach, CI I	3070001	25.000	Ton
0070	Shoulder, CI II	3070121	1,728.000	Ton
0080	Cold Milling HMA Surface	5010002	14,008.000	Syd
0090	Hand Patching	5010025	35.000	Ton
0100	HMA, 13A	5010033	16,480.000	Ton
0110	HMA Approach	5010061	561.000	Ton
0120	Curb and Gutter, Conc, Det B2	8020016	932.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	51,380.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,030.000	Ft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0180	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign Cover	8120310	5.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0250	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	902.000	Sft

0270	Sign, Type B, Temp, Prismatic, Oper	8120351	902.000	Sft
0280	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	421.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	421.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Riprap, Plain	8130010	5.000	Syd
0320	_ HMA Spillway	8147011	20.000	Syd
0330	Slope Restoration, Type A	8160100	3,160.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 004

Letting Date: July 13, 2018

Contract ID: 47000-202663

Description: 1.69 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders, joint repair, culverts and pavement markings on West Grand River Avenue from Nicholson Road east to the village of Fowlerville limits, Livingston County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202663A	1800790	N/A	STL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Ditch Cleanout	2050006	30.000	Sta
0040	_ Driveway Preparation	2057011	747.000	Syd
0050	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0060	Maintenance Gravel	3060020	150.000	Ton
0070	Approach, CI I	3070001	118.000	Ton
0080	Approach, CI II	3070021	94.000	Ton
0090	Shoulder, CI II	3070121	1,135.000	Ton
0100	Culv End Sect, 12 inch	4010012	6.000	Ea
0110	Culv, CI A, 12 inch	4010131	180.000	Ft
0120	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0130	Cold Milling HMA Surface	5010002	34,850.000	Syd
0140	HMA Surface, Rem	5010005	100.000	Syd
0150	Pavt for Butt Joints, Rem	5010008	672.000	Syd
0160	Pavt Joint and Crack Repr, Det 8	5010021	1,636.000	Ft
0170	Hand Patching	5010025	350.000	Ton
0180	HMA, 4E3	5010051	4,075.000	Ton
0190	HMA, 5E3	5010057	4,075.000	Ton
0200	HMA Approach	5010061	919.000	Ton
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,200.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,352.000	Ft
0230	Channelizing Device, 42 inch, Furn	8120030	280.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	280.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	750.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	750.000	Ft
0300	Sign Cover	8120310	6.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Slope Restoration, Type B	8160101	5,100.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 005

Letting Date: July 13, 2018

Contract ID: 13025-126673

Description: Bridge removal and replacement with 42-inch prestressed concrete bulb T beams, approach work, concrete curb, gutter and culvert, drainage, sewer, guardrail, cofferdams, steel piles and pavement markings on Webster Street over Kalamazoo River, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126673A	N/A	N/A	MCS 13025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$103,400.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	6.000	Sta
0030	Curb and Gutter, Rem	2040020	420.000	Ft
0040	Guardrail, Rem	2040035	165.000	Ft
0050	Embankment, CIP	2050010	641.000	Cyd
0060	Excavation, Earth	2050016	850.000	Cyd
0070	Erosion Control, Silt Fence	2080036	850.000	Ft
0080	Subbase, CIP	3010002	618.000	Cyd
0090	_ Aggregate Base, 24 inch, Modified	3027011	160.000	Syd
0100	_ Aggregate Base, 8 inch, Modified	3027011	1,692.000	Syd
0110	Approach, CI II, 6 inch	3070028	56.000	Syd
0120	Shoulder, CI II, 4 inch	3070126	134.000	Syd
0130	Culv End Sect, 12 inch	4010012	1.000	Ea
0140	Sewer, CI A, 12 inch, Tr Det B	4020033	60.000	Ft
0150	Dr Structure Cover, Type K	4030050	2.000	Ea
0160	Dr Structure, 24 inch dia	4030200	1.000	Ea
0170	Dr Structure, 48 inch dia	4030210	1.000	Ea
0180	Underdrain, Subgrade, 6 inch	4040073	350.000	Ft
0190	HMA Surface, Rem	5010005	1,126.000	Syd
0200	HMA, LVSP	5010703	305.000	Ton
0210	Curb and Gutter, Conc, Det F4	8020038	350.000	Ft
0220	Guardrail, Type MGS-8	8070004	126.000	Ft
0230	Guardrail, Curved, Type MGS-8	8070012	24.000	Ft
0240	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0250	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0260	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0270	Guardrail Reflector	8070080	15.000	Ea

0280	Post, Mailbox	8070095	1.000	Ea
0290	Sign, Type III, Rem	8100403	7.000	Ea
0300	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,016.000	Ft
0310	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	138.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	325.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	325.000	Sft
0370	_ Turf Establishment, Performance	8167011	911.000	Syd

Section: 2

0380	Structures, Rem	2040060	1.000	LSUM
0390	Backfill, Structure, CIP	2060002	1,296.000	Cyd
0400	Excavation, Fdn	2060010	1,986.000	Cyd
0410	Erosion Control, Filter Bag	2080014	2.000	Ea
0420	Underdrain, Fdn, 4 inch	4040031	269.000	Ft
0430	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0440	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0450	Cofferdams	7040007	1.000	LSUM
0460	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0470	Pile, Steel, Furn and Driven, 12 inch	7050030	2,142.000	Ft
0480	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0490	Pile Point, Steel	7050039	52.000	Ea
0500	Pile, Steel, Splice	7050050	52.000	Ea
0510	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0520	Bridge Ltg, Oper and Maintain	7060002	205.000	Cyd
0530	Expansion Joint Device	7060050	37.000	Ft
0540	False Decking	7060060	3,024.000	Sft
0550	Reinforcement, Steel, Epoxy Coated	7060092	58,675.000	Lb
0560	Substructure Conc	7060100	271.000	Cyd
0570	Superstructure Conc	7060110	22.000	Cyd
0580	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0590	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0600	Superstructure Conc, Night Casting	7060113	205.000	Cyd
0610	Water Repellent Treatment, Penetrating	7060140	935.000	Syd
0620	Bearing, Elastomeric, 2 1/4 inch	7070017	2,590.000	Sin
0630	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	538.000	Ft
0640	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	538.000	Ft
0650	Joint Waterproofing	7100001	268.000	Sft
0660	Joint Waterproofing, Expansion	7100003	60.000	Sft
0670	Bridge Railing, 4 Tube	7110010	270.000	Ft
0680	_ Riprap, Heavy, Modified	8137011	180.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 006

Letting Date: July 13, 2018

Contract ID: 56000-200267

Description: 0.31 mi of hot mix asphalt cold milling and resurfacing, addition of center left-turn lane, curb and gutter, storm sewer, signing and pavement markings on Eastman Road at Shaffer Road, Midland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200267A	1800706	N/A	HRRR 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$47,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0030	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0040	Embankment, CIP	2050010	3,000.000	Cyd
0050	Excavation, Earth	2050016	1,000.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	13.000	Ea
0090	Erosion Control, Silt Fence	2080036	2,800.000	Ft
0100	Subbase, CIP	3010002	800.000	Cyd
0110	_ Aggregate Base, 6 inch, Modified	3027011	2,300.000	Syd
0120	Maintenance Gravel	3060020	200.000	Ton
0130	_ Approach, CI II, 6 inch, Modified	3077011	291.000	Syd
0140	_ Shoulder, CI II, 6 inch, Modified	3077011	80.000	Syd
0150	Culv End Sect, 12 inch	4010012	5.000	Ea
0160	Culv End Sect, 15 inch	4010015	1.000	Ea
0170	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	1,269.000	Ft
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	50.000	Ft
0200	Sewer, CI A, 18 inch, Tr Det B	4020035	830.000	Ft
0210	Dr Structure Cover, Type B	4030010	3.000	Ea
0220	Dr Structure Cover, Type G	4030040	1.000	Ea
0230	Dr Structure Cover, Type J	4030045	12.000	Ea
0240	Dr Structure, 24 inch dia	4030200	4.000	Ea
0250	Dr Structure, 48 inch dia	4030210	11.000	Ea
0260	Dr Structure, 60 inch dia	4030220	1.000	Ea
0270	_ ROW Drainage Basin	4037050	12.000	Ea

0280	Underdrain, Subbase, 6 inch	4040063	2,700.000	Ft
0290	Cold Milling HMA Surface	5010002	4,090.000	Syd
0300	HMA, 4E1	5010050	500.000	Ton
0310	HMA, 5E1	5010056	570.000	Ton
0320	HMA Approach	5010061	58.000	Ton
0330	Curb and Gutter, Conc, Det B2	8020016	2,590.000	Ft
0340	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0350	Spillway, Conc	8020075	31.000	Ft
0360	Post, Mailbox	8070095	10.000	Ea
0370	Post, Steel, 3 lb	8100371	440.000	Ft
0380	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0390	Sign, Type III, Rem	8100403	6.000	Ea
0400	Sign, Type IIIB	8100405	48.000	Sft
0410	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0420	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0430	_ Sign, LED, Special	8107050	8.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,850.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,750.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,850.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,750.000	Ft
0500	Rem Spec Mrkg	8110343	180.000	Sft
0510	Pavt Mrkg, Thermopl, Rumble Strip	8110470	1,400.000	Ft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0540	Channelizing Device, 42 inch, Furn	8120030	35.000	Ea
0550	Channelizing Device, 42 inch, Oper	8120031	35.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	350.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	350.000	Ft
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	218.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	218.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	57.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	57.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Riprap, Plain	8130010	24.000	Syd
0670	_ Turf Establishment, Performance	8167011	3,000.000	Syd
0680	Monument Box Adjust	8210005	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 007

Letting Date: July 13, 2018

Contract ID: 76555-129923

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$11,400.00	1500001	1.000	LSUM
0020	_ Pavt, Rem, Modified	2047011	98.000	Syd
0030	Embankment, CIP	2050010	165.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0050	HMA Base Crushing and Shaping	3050002	3,332.000	Syd
0060	Trenching	3070200	12.000	Sta
0070	_ Shoulder, CI II, Modified	3077031	325.000	Ton
0080	Pavt for Butt Joints, Rem	5010008	296.000	Syd
0090	HMA, 13A	5010033	884.000	Ton
0100	Driveway, Nonreinf Conc, 6 inch	8010005	103.000	Syd
0110	Post, Mailbox	8070095	15.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	279.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,972.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	471.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	471.000	Sft
0210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	34.000	Sft
0220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	34.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Turf Establishment, Performance-No Rye, Special	8167011	1,302.000	Syd
0250	Gate Box, Adj, Case 1	8230431	2.000	Ea
0260	Gate Box, Adj, Case 2	8230432	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 008

Letting Date: July 13, 2018

Contract ID: 04000-132252

Description: 0.62 mi of hot mix asphalt surfacing, concrete curb and gutter, sanitary and storm sewer, watermain, earth excavation, subbase and slope restoration on Miller Street from Second Avenue to Johnson Street in the city of Alpena, Alpena County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132252A	1800785	N/A	STUL 04000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$140,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	_ Asbestos Water Main, Abandon	2037001	450.000	Ft
0040	Sidewalk, Rem	2040055	733.000	Syd
0050	_ Excavation, Earth, Modified	2057021	4,585.000	Cyd
0060	_ Subgrade Undercutting, Type II, Modified	2057021	1,000.000	Cyd
0070	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	7,200.000	Cyd
0090	_ Aggregate Base, 22A, Modified	3027031	9,600.000	Ton
0100	_ Sewer, CI A, Sch40 PVC, 8 inch, Tr Det B2	4027001	774.000	Ft
0110	_ Sewer Bulkhead, 8 inch	4027050	10.000	Ea
0120	Dr Structure, Tap, 8 inch	4030308	13.000	Ea
0130	_ Dr Structure Cover, Repl and Adj, Case 1, Modified	4037050	10.000	Ea
0140	_ Dr Structure, 24 inch dia, with Cover and Casting, Special	4037050	22.000	Ea
0150	Underdrain, Subgrade, 6 inch	4040073	2,700.000	Ft
0160	_ Underdrain Outlet to Dr Structure, 6 inch	4047050	6.000	Ea
0170	_ HMA, 13A, Modified	5017031	2,280.000	Ton
0180	Driveway, Nonreinf Conc, 6 inch	8010005	748.000	Syd
0190	Curb and Gutter, Conc, Det C4	8020023	6,300.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	2,103.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	4,537.000	Sft
0220	Sidewalk, Conc, 6 inch	8030046	250.000	Sft
0230	_ Detectable Warning Surface, Modified	8037001	280.000	Ft
0240	_ Removing and Replacing Permanent Signage	8107051	1.000	LSUM
0250	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	90.000	Ft
0260	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	930.000	Ft
0270	_ Pavt Mrkg, Regular Dry, 24 inch, Stop Bar	8117001	24.000	Ft

0280	_ Pavt Mrkg, Regular Dry, 6 inch, Cross Walk	8117001	92.000	Ft
0290	_ Pavt Mrkg, Regular Dry, Lt Turn Arrow Sym	8117050	1.000	Ea
0300	_ Pavt Mrkg, Regular Dry, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	13.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	13.000	Ea
0330	Pedestrian Type II Barricade, Temp	8120026	56.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, High Intensity, Furn	8120250	35.000	Ea
0360	Plastic Drum, High Intensity, Oper	8120251	35.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	575.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	575.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	_ Slope Restoration, Modified	8167011	3,960.000	Syd
0410	Gate Box, Adj, Case 1	8230431	2.000	Ea
0420	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	20.000	Ft
0430	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	529.000	Ft
0440	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	2,377.000	Ft
0450	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	241.000	Ft
0460	_ Bend, DI, 45 Degree, 12 inch	8237050	5.000	Ea
0470	_ Cap, DI, 8 inch	8237050	2.000	Ea
0480	_ Connect to Existing Water Main	8237050	11.000	Ea
0490	_ Cross, DI, 16 inch x 10 inch	8237050	1.000	Ea
0500	_ Cross, DI, 16 inch x 12 inch	8237050	2.000	Ea
0510	_ Cross, DI, 16 inch x 8 inch	8237050	2.000	Ea
0520	_ Fire Hydrant Assembly	8237050	6.000	Ea
0530	_ Fire Hydrant Assembly, Rem	8237050	6.000	Ea
0540	_ Fittings Not Shown on Plans	8237050	10.000	Ea
0550	_ Gate Valve and Box, 12 inch, Modified	8237050	5.000	Ea
0560	_ Gate Valve and Box, 16 inch, Modified	8237050	13.000	Ea
0570	_ Gate Valve and Box, 8 inch, Modified	8237050	5.000	Ea
0580	_ Reducer, DI, 10 inch x 8 inch	8237050	1.000	Ea
0590	_ Reducer, DI, 12 inch x 6 inch	8237050	1.000	Ea
0600	_ Reducer, DI, 12 inch x 8 inch	8237050	1.000	Ea
0610	_ Reducer, DI, 16 inch x 12 inch	8237050	2.000	Ea
0620	_ Reducer, DI, 16 inch x 8 inch	8237050	3.000	Ea
0630	_ Reducer, DI, 8 inch x 3 inch	8237050	1.000	Ea
0640	_ Reducer, DI, 8 inch x 6 inch	8237050	1.000	Ea
0650	_ Tee, DI, 12 inch x 6 inch	8237050	1.000	Ea
0660	_ Tee, DI, 16 inch x 12 inch	8237050	1.000	Ea
0670	_ Tee, DI, 16 inch x 6 inch	8237050	5.000	Ea
0680	_ Water Service	8237050	83.000	Ea
0690	_ Testing and Chlorination	8237051	1.000	LSUM
0700	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0710	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr

0720	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr
0730	_ Contractor Staking, Modified	8247051	1.000	LSUM
0740	_ Sanitary Sewer, Rem, Less than 24 inch	8257001	100.000	Ft
0750	_ Sanitary Sewer, SDR 35, 12 inch, Tr Det B2	8257001	477.000	Ft
0760	_ Sanitary Sewer, SDR 35, 15 inch, Tr Det B2	8257001	971.000	Ft
0770	_ Sanitary Sewer, SDR 35, 8 inch, Tr Det B2	8257001	374.000	Ft
0780	_ Dr Structure, 48 inch dia, with Cover and Casting, Special	8257050	5.000	Ea
0790	_ Dr Structure, 60 inch dia, with Cover and Casting, Special	8257050	1.000	Ea
0800	_ Dr Structure, Tap, 15 inch	8257050	1.000	Ea
0810	_ Sanitary Sewer Service	8257050	43.000	Ea
0820	_ Sanitary Sewer Tap, 12 inch	8257050	3.000	Ea
0830	_ Sanitary Sewer Tap, 15 inch	8257050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 009

Letting Date: July 13, 2018

Contract ID: 13000-130178

Description: 3.66 mi of hot mix asphalt cold milling and resurfacing, fog and single chip sealing, concrete curb, gutter, sidewalk and ramps, drainage, sewer and pavement markings on various routes, Calhoun County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130178A	1800783	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$67,700.00	1500001	1.000	LSUM
0020	_ Mill and Chip Around Structure or Gate/Monument Box	2037050	161.000	Ea
0030	Curb and Gutter, Rem	2040020	710.000	Ft
0040	Pavt, Rem	2040050	200.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	610.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0080	Sewer, CI III, 12 inch, Tr Det B	4020866	50.000	Ft
0090	Sewer Tap, 12 inch	4021204	1.000	Ea
0100	Dr Structure Cover, Adj, Case 1	4030005	40.000	Ea
0110	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0120	Dr Structure, 24 inch dia	4030200	3.000	Ea
0130	Dr Structure, 48 inch dia	4030210	1.000	Ea
0140	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0150	Cold Milling HMA Surface	5010002	58,000.000	Syd
0160	HMA, 13A	5010033	3,900.000	Ton
0170	HMA, 4E1	5010050	2,700.000	Ton
0180	_ Fog Seal	5057011	20,000.000	Syd
0190	_ Seal, Single Chip, Type CS2	5057011	20,000.000	Syd
0200	Curb, Conc, Det E2	8020002	36.000	Ft
0210	Curb and Gutter, Conc, Det C4	8020023	350.000	Ft
0220	Detectable Warning Surface	8030010	300.000	Ft
0230	Curb Ramp Opening, Conc	8030030	350.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	3,100.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	3,500.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0270	Post, Flexible, Delineator	8100360	2.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	60.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,000.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	400.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	400.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	22.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	22.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0370	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	40,000.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,000.000	Ft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0420	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0430	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Turf Establishment, Special	8167011	400.000	Syd
0510	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 180713 010

Letting Date: July 13, 2018

Contract ID: 63000-133057

Description: Bridge preventative maintenance including hot mix asphalt surfacing, gravel approaches, riprap and guardrail on Manor Road over Rouge River, Secord Lake Road over East Creek and Lansdowne Road over Williams Lake Channel, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133057A	1800756	N/A	BO 63000
133221A	N/A	N/A	MCS 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,700.00	1500001	1.000	LSUM
0020	_ Clearing, Special, RCOC	2017012	0.170	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	250.000	Ft
0050	_ Bridge Deck, HMA Surface Rem	2047011	224.000	Syd
0060	_ Exploration for Utility Location	2047021	50.000	Cyd
0070	_ Channel Debris, Rem	2047051	1.000	LSUM
0080	Embankment, CIP	2050010	96.000	Cyd
0090	Excavation, Earth	2050016	270.000	Cyd
0100	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0110	_ Erosion Control, Silt Fence, RCOC	2087001	1,309.000	Ft
0120	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	2.000	Ea
0130	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	157.000	Syd
0140	_ Approach, 21AA	3027031	200.000	Ton
0150	_ Culv, CI F, CSP, 15 inch, RCOC	4017001	48.000	Ft
0160	_ Public Utility Structure Cover, Adj, Case 2	4037050	3.000	Ea
0170	Underdrain, Fdn, 6 inch	4040033	100.000	Ft
0180	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0190	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0200	Cold Milling HMA Surface	5010002	380.000	Syd
0210	HMA, 5E1	5010056	234.000	Ton
0220	_ Joint, HMA Plane of Weakness	5017001	154.000	Ft
0230	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0240	_ Stone/Conc Mortar Wall Repair	7127010	384.000	Sft
0250	Curb Sloped, HMA	8050010	62.000	Ft
0260	Guardrail, Type B	8070000	138.000	Ft

0270	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0280	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0290	Guardrail Reflector	8070080	4.000	Ea
0300	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	450.000	Ft
0310	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	450.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0360	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0370	Sign Cover	8120310	3.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	494.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	494.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	421.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	421.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Riprap, Heavy, RCOC	8137011	45.000	Syd
0440	_ Turf Establishment, THM Seed, Special Mulch, Performance, RCOC	8167011	1,128.000	Syd

Section: 2

0450	Membrane, Preformed Waterproofing	7100008	2,624.000	Sft
0460	_ Conc Surface Coating RCOC	7107011	11.000	Syd
0470	_ Grout	7107020	138.000	Cft
0480	Hand Chipping, Other Than Deck	7120007	20.000	Cft
0490	Patching Mortar or Conc	7120016	20.000	Cft



Schedule of Pay Items

Report v1

Letting Call: 180713 011

Letting Date: July 13, 2018

Contract ID: 58000-200044

Description: 10.09 mi of hot mix asphalt resurfacing, detail 7 joint and crack repair, aggregate shoulders, pressure relief joint at bridge, signs and pavement markings on Carleton Rockwood Road over Swan Creek easterly to Berlin Road, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200044A	1800348	N/A	STU 58000
200046A	1800576	N/A	STL 58000
201834A	1800794	N/A	EDDF 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$171,800.00	1500001	1.000	LSUM
0020	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0030	Guardrail, Rem	2040035	200.000	Ft
0040	Shoulder, CI II	3070121	4,000.000	Ton
0050	Culv, CI A, CSP, 12 inch	4010199	10.000	Ft
0060	Pavt for Butt Joints, Rem	5010008	4,832.000	Syd
0070	Pavt Joint and Crack Repr, Det 7	5010020	10,500.000	Ft
0080	Hand Patching	5010025	880.000	Ton
0090	HMA, 5E1	5010056	16,365.000	Ton
0100	HMA Approach	5010061	545.000	Ton
0110	_ Cold Milling HMA Surface, Modified	5017011	38,840.000	Syd
0120	Joint, Pressure Relief	6020213	248.000	Ft
0130	_ Steel Sheet Piling, Wingwall	7047010	866.000	Sft
0140	_ Steel Sheet Piling, Dr Outlet, 12 inch dia	7047050	1.000	Ea
0150	_ Steel Sheet Piling, Wingwall, Rem	7047050	12.000	Ea
0160	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0170	Guardrail Reflector	8070080	4.000	Ea
0180	Post, Steel, 3 lb	8100371	1,121.000	Ft
0190	Sign, Type IIA	8100398	15.000	Sft
0200	Sign, Type III, Erect, Salv	8100402	44.000	Ea
0210	Sign, Type III, Rem	8100403	94.000	Ea
0220	Sign, Type IIIA	8100404	108.000	Sft
0230	Sign, Type IIIB	8100405	165.000	Sft
0240	Sign, Type VB	8100425	38.000	Sft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	75.000	Ft

0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	117,385.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,675.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	117,385.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,675.000	Ft
0300	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0310	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0320	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0330	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0340	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0350	Lighted Arrow, Type B, Furn	8120130	6.000	Ea
0360	Lighted Arrow, Type B, Oper	8120131	6.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,000.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,300.000	Ft
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,520.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	1,520.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	14.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	14.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	Traf Loop	8200170	8.000	Ea
0460	Monument Box Adjust	8210005	10.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 012

Letting Date: July 13, 2018

Contract ID: 58000-201833

Description: 0.22 mi of hot mix asphalt resurfacing, spot base repair, concrete sidewalk ramps, drainage structure adjustments and pavement markings on West 1st Street from Front Street to Washington Street in the city of Monroe, Monroe County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201833A	1800807	N/A	STUL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	400.000	Ft
0030	Pavt, Rem	2040050	700.000	Syd
0040	Sidewalk, Rem	2040055	58.000	Syd
0050	_ Roadway Brick Pavers, Salvage	2047011	700.000	Syd
0060	_ Sidewalk, Clay Brick Pavers, Rem	2047011	952.000	Syd
0070	_ Tree Grate and Frame, Rem and Reset	2047050	9.000	Ea
0080	_ Tree Grate and Frame, Rem and Salvage	2047050	2.000	Ea
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	_ Subgrade Manipulation, Modified	2057011	700.000	Syd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0120	Aggregate Base, 4 inch	3020010	700.000	Syd
0130	Maintenance Gravel	3060020	50.000	Ton
0140	Dr Structure Cover, Type B	4030010	3.000	Ea
0150	Dr Structure Cover, Type K	4030050	2.000	Ea
0160	Dr Structure Cover, Type Q	4030065	3.000	Ea
0170	_ Dr Structure, Adjust, Clean, and Plaster	4037050	6.000	Ea
0180	_ Dr Structure, Reconstruct	4037050	1.000	Ea
0190	Cold Milling HMA Surface	5010002	4,028.000	Syd
0200	Hand Patching	5010025	25.000	Ton
0210	HMA, 13A	5010033	1,035.000	Ton
0220	Conc Base Cse, Nonreinf, 8 inch	6020019	700.000	Syd
0230	Conc Pavt, Nonreinf, 8 inch	6020104	20.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0250	_ Curb and Gutter, Conc, C4, Modified	8027001	370.000	Ft
0260	Detectable Warning Surface	8030010	265.000	Ft
0270	Sidewalk Ramp, Conc, 6 inch	8030036	8,568.000	Sft

0280	Sidewalk, Conc, 6 inch	8030046	522.000	Sft
0290	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,820.000	Ft
0300	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0310	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0320	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0330	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0340	_ Pavt Mrkg, Polyurea, Spec Mrkg	8117010	864.000	Sft
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0370	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, High Intensity, Lighted, Furn	8120260	100.000	Ea
0400	Plastic Drum, High Intensity, Lighted, Oper	8120261	100.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Slope Restoration, Modified	8167011	10.000	Syd
0450	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0460	Gate Box, Adj, Case 1	8230431	2.000	Ea
0470	_ Monument Box, Adjust or Replace	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 013

Letting Date: July 13, 2018

Contract ID: 63052-202751

Description: 3.91 mi of concrete cold milling, hot mix asphalt resurfacing, detail 7 joint repairs, full-depth concrete pavement repairs, drainage structure repairs and permanent pavement markings on US-24 from Long Lake Road to Orchard Lake Road, US-24 from Long Lake Road to Square Lake Road and US-24 at Maple Road, Oakland County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202751A	N/A	N/A	GF18 63052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	1,000.000	Dlr
0020	Mobilization, Max \$608,500.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	2,500.000	Ft
0040	Guardrail, Rem	2040035	525.000	Ft
0050	Excavation, Earth	2050016	341.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	250.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0080	Aggregate Base, 12 inch	3020030	682.000	Syd
0090	Shoulder, CI II, 6 inch	3070128	300.000	Syd
0100	Dr Structure Cover, Adj, Case 1, Modified	4030004	60.000	Ea
0110	Dr Structure Cover, Type B	4030010	10.000	Ea
0120	Dr Structure Cover, Type J	4030045	10.000	Ea
0130	Dr Structure Cover, Type K	4030050	2.000	Ea
0140	Dr Structure, Cleaning	4030290	114.000	Ea
0150	_ Dr Structure Repair, Add Depth	4037001	60.000	Ft
0160	_ Dr Structure Repair, Composite Pavt	4037050	114.000	Ea
0170	_ Dr Structure, Hardened Debris, Rem	4037050	33.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	Bump Grinding	5010004	875.000	Syd
0200	HMA Surface, Rem	5010005	445.000	Syd
0210	HMA Quality Initiative	5010007	60,080.000	Dlr
0220	Longitudinal Joint Density Quality Initiative	5010018	122,468.000	Dlr
0230	Pavt Joint and Crack Repr, Det 7	5010020	44,600.000	Ft
0240	Hand Patching	5010025	4,460.000	Ton
0250	HMA, 5E3	5010057	5,069.000	Ton
0260	HMA Approach	5010061	162.000	Ton

0270	HMA Approach, High Stress	5010520	4,527.000	Ton
0280	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	15,822.000	Ton
0290	Cement	6030005	19.000	Ton
0300	Cold Milling Conc Pavt	6030014	212,618.000	Syd
0310	Joint, Tied, Trg	6030023	2,400.000	Ft
0320	Lane Tie, Epoxy Anchored	6030030	460.000	Ea
0330	Non-Chloride Accelerator	6030035	534.000	Gal
0340	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,067.000	Syd
0350	Pavt Repr, Rem	6030080	1,067.000	Syd
0360	Saw Cut, Intermediate	6030090	1,200.000	Ft
0370	_ Bus Stop, Temp	8007050	15.000	Ea
0380	Curb and Gutter, Conc, Det B1	8020015	2,000.000	Ft
0390	Curb and Gutter, Conc, Det F5	8020039	500.000	Ft
0400	Guardrail, Type B	8070000	525.000	Ft
0410	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0420	Guardrail Reflector	8070080	12.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	2,000.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	50.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	64.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	16.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0500	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,400.000	Ft
0510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,500.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	34,600.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	900.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	13,000.000	Ft
0550	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,800.000	Ft
0560	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	1,600.000	Ft
0570	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	700.000	Ft
0580	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	150.000	Ft
0590	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0600	Recessing Pavt Mrkg, Turning Guide Line	8110452	50.000	Sft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0630	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0640	Channelizing Device, 42 inch, Furn	8120030	2,000.000	Ea
0650	Channelizing Device, 42 inch, Oper	8120031	2,000.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	8.000	Ea

0670	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0680	Ltg for Night Work	8120160	1.000	LSUM
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Mobile Attenuator	8120180	1.000	Ea
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	30,100.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0730	Sign Cover	8120310	30.000	Ea
0740	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0750	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	2,623.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	2,623.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,097.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,097.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	Slope Restoration, Type B	8160101	1,739.000	Syd
0820	_ Permanent Traffic Recorder Loops Only	8207051	1.000	LSUM
0830	Monument Box Adjust	8210005	2.000	Ea
0840	Protect Corners	8210020	2.000	Ea
0850	Contractor Staking, Road Only	8240007	1.000	LSUM
0860	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0870	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0880	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 014

Letting Date: July 13, 2018

Contract ID: 11015-202013

Description: 6.98 mi of hot mix asphalt cold milling and resurfacing and pavement markings on I-94 from south of Three Oaks Road to Red Arrow Highway, Berrien County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202013A	N/A	N/A	GF18 11015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$462,500.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	88.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0040	Erosion Control, Silt Fence	2080036	200.000	Ft
0050	Subbase, CIP	3010002	66.000	Cyd
0060	Aggregate Base, 6 inch	3020016	125.000	Syd
0070	Shoulder, CI II	3070121	2,968.000	Ton
0080	Cold Milling HMA Surface	5010002	202,576.000	Syd
0090	Bump Grinding	5010004	250.000	Syd
0100	HMA Surface, Rem	5010005	125.000	Syd
0110	HMA Quality Initiative	5010007	87,100.000	Dlr
0120	Pavt for Butt Joints, Rem	5010008	4,868.000	Syd
0130	Longitudinal Joint Density Quality Initiative	5010018	107,940.000	Dlr
0140	HMA, 3E3	5010045	22.000	Ton
0150	HMA, 4E3	5010051	12,063.000	Ton
0160	HMA, 4E30	5010053	15,735.000	Ton
0170	HMA Approach	5010061	235.000	Ton
0180	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	15,495.000	Ton
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0240	Recessing Pavt Mrkg, Longit	8110450	91,308.000	Ft
0250	Recessing Pavt Mrkg, Transv	8110451	96.000	Sft
0260	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	17,971.000	Ft

0270	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	35,972.000	Ft
0280	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	1,385.000	Ft
0290	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	35,980.000	Ft
0300	Barricade, Type III, High Intensity, Lighted, Furn	8120022	19.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Oper	8120023	19.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0340	Ltg for Night Work	8120160	1.000	LSUM
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	924.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	72,480.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	89,280.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,776.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	16,464.000	Ft
0410	Plastic Drum, Fluorescent, Furn	8120252	623.000	Ea
0420	Plastic Drum, Fluorescent, Oper	8120253	623.000	Ea
0430	Sign Cover	8120310	12.000	Ea
0440	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0460	Sign, Type A, Temp, Prismatic, Furn	8120340	136.000	Sft
0470	Sign, Type A, Temp, Prismatic, Oper	8120341	136.000	Sft
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	2,101.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	2,101.000	Sft
0500	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0510	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0520	Slope Restoration, Type B	8160101	100.000	Syd
0530	Shoulder Corrugations, Ground or Cut, HMA	8220001	65,952.000	Ft
0540	Contractor Staking, Road Only	8240007	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	38.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	15.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	23.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 015

Letting Date: July 13, 2018

Contract ID: 58152-120423

Description: Installation of conduit, fiber optic cable and 2 CCTV installations on I-75 from I-275 to West Road in various cities, Monroe and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120423A	1800835	N/A	CM 58152

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$173,200.00	1500001	1.000	LSUM
0030	Exploratory Investigation, Vertical	2040080	75.000	Ft
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0050	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0070	_ DMS Platform, Retrofit	7077050	1.000	Ea
0080	_ Conduit, Clean and Test	8007001	560.000	Ft
0090	_ Fiber Optic, Cable, Reinstall	8007001	75.000	Ft
0100	_ Fiber Optic, Cable, Rem	8007001	50.000	Ft
0110	_ 1 Gigabit Optical Transceiver, 40km	8007050	6.000	Ea
0120	_ Cabinet Modifications	8007050	4.000	Ea
0130	_ Fiber Optic Equipment, Rem and Salv	8007050	1.000	Ea
0140	_ Hh, Clean	8007050	5.000	Ea
0150	_ Rack-Mtd Step-Down Transformer, 7.5kVA	8007050	2.000	Ea
0160	_ Rack-Mtd Step-Up Transformer, 7.5kVA	8007050	1.000	Ea
0170	_ Radio, Rem and Salv, Unlicensed	8007050	3.000	Ea
0180	_ Roadside Unit, Non-Intersection	8007050	8.000	Ea
0190	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0200	_ System Testing	8007051	1.000	LSUM
0210	Guardrail, Type MGS-8	8070004	100.000	Ft
0220	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0230	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0240	Guardrail Reflector	8070080	3.000	Ea
0250	Fence, Protective	8080007	2,540.000	Ft
0260	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	3.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Mobile Attenuator	8120180	2.000	Ea
0300	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	655.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	655.000	Sft
0360	Seeding, Mixture TSM	8160041	15.000	Lb
0370	Slope Restoration, Type A	8160100	1,211.000	Syd
0380	Conduit, DB, 1, 3 inch	8190029	120.000	Ft
0390	Conduit, DB, 2, 3 inch	8190032	24.000	Ft
0400	Conduit, DB, 4, 3 inch	8190038	24.000	Ft
0410	Cable, Equipment Grounding Wire, 1/C#2	8190232	3,600.000	Ft
0420	Cable, Equipment Grounding Wire, 1/C#10	8190238	80.000	Ft
0430	Hh, Round, 3 foot dia	8190259	30.000	Ea
0440	Hh, Type D	8190262	2.000	Ea
0450	Cable, Sec, 600V, 2, 1/C#2	8190402	3,600.000	Ft
0460	Conduit, Directional Bore, 1, 3 inch	8190602	2,500.000	Ft
0470	Conduit, Directional Bore, 2, 3 inch	8190604	28,725.000	Ft
0480	Conduit, Directional Bore, 3, 3 inch	8190606	1,120.000	Ft
0490	_ Cable, Sec, 600V, 3, 1/C#10	8197001	80.000	Ft
0500	_ Conduit, in Rock, 2, 3 inch	8197001	550.000	Ft
0510	_ Trenchless Excavation in Rock	8197001	520.000	Ft
0520	_ Hh, Round, Elec	8197050	7.000	Ea
0530	Strain Pole, Steel, 6 bolt, 40 foot	8200462	2.000	Ea
0540	Strain Pole Fdn, 6 Bolt	8200470	24.000	Ft
0550	_ ITS Cabinet, Ground Mtd	8207050	2.000	Ea
0560	Contractor Staking, Road Only	8240007	1.000	LSUM
0570	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0580	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0590	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr
0600	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0610	Lightning Protection, Pole	8260021	2.000	Ea
0620	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	65,320.000	Ft
0630	Fiber Optic, Cable, Single Mode Fiber, 60F	8260051	31,305.000	Ft
0640	Fiber Optic, Cable, Single Mode Fiber, 96F	8260053	40.000	Ft
0650	Fiber Optic, Splice Cabinet	8260064	4.000	Ea
0660	Fiber Optic, Hardware Assembly, Small	8260065	6.000	Ea
0670	Fiber Optic, Hardware Assembly, Medium	8260066	5.000	Ea
0680	Fiber Optic, Hardware Assembly, Large	8260067	1.000	Ea
0690	Fiber Optic, Marker, Above Ground	8260069	70.000	Ea
0700	Tracer Wire	8260070	30,675.000	Ft

0710	Fiber Optic, Pigtail	8260071	216.000	Ea
0720	Fiber Optic, Jumper	8260072	24.000	Ea
0730	Managed Field Ethernet Switch, Layer 3	8260082	9.000	Ea
0740	Managed Field Ethernet Switch, Rem and Salv	8260084	7.000	Ea
0750	Safety Switch, Non-Fusible	8260108	2.000	Ea
0760	Safety Switch, Fusible	8260109	1.000	Ea
0770	Electrical Rack	8260110	2.000	Ea
0780	Uninterruptible Power Supply, ITS Cabinet	8260140	2.000	Ea
0790	Surveillance System, Remote Site, Type A	8260157	2.000	Ea
0800	System Integration and Testing	8260160	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 016

Letting Date: July 13, 2018

Contract ID: 29015-132087

Description: 1.85 mi of hot mix asphalt cold milling and resurfacing on US-127BR from Barber Street northerly to US-127 in the city of Ithaca, Gratiot County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132087A	N/A	N/A	GF18 29015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$150,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0030	Dr Structure, Rem	2030011	6.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	300.000	Ft
0050	Curb and Gutter, Rem	2040020	195.000	Ft
0060	Guardrail, Rem	2040035	1,200.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0080	Pavt, Rem	2040050	100.000	Syd
0090	Sidewalk, Rem	2040055	60.000	Syd
0100	Excavation, Earth	2050016	580.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0140	Subbase, CIP	3010002	25.000	Cyd
0150	Aggregate Base, 6 inch	3020016	12,850.000	Syd
0160	Trenching	3070200	145.000	Sta
0170	_ Shoulder, CI II, 3.5 inch, Modified	3077011	4,810.000	Syd
0180	_ Shoulder, CI II, Modified	3077031	75.000	Ton
0190	Sewer, CI II, 18 inch, Tr Det B	4020751	160.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	160.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0220	Dr Structure Cover, Type B	4030010	6.000	Ea
0230	Dr Structure, 48 inch dia	4030210	6.000	Ea
0240	_ Underdrain, Pipe, Open-Graded, 12 inch, Special	4047001	2,272.000	Ft
0250	Cold Milling HMA Surface	5010002	42,900.000	Syd
0260	Bump Grinding	5010004	500.000	Syd
0270	HMA Surface, Rem	5010005	10,900.000	Syd

0280	HMA Quality Initiative	5010007	18,650.000	Dlr
0290	Longitudinal Joint Density Quality Initiative	5010018	59,892.000	Dlr
0300	HMA, 4E1	5010050	4,150.000	Ton
0310	HMA, 5E1	5010056	3,925.000	Ton
0320	HMA Approach	5010061	1,250.000	Ton
0330	_ Ride Incentive	5017060	10,385.000	Dlr
0340	Curb and Gutter, Conc, Det C2	8020021	195.000	Ft
0350	Driveway Opening, Conc, Det M	8020050	145.000	Ft
0360	Detectable Warning Surface	8030010	15.000	Ft
0370	Curb Ramp Opening, Conc	8030030	45.000	Ft
0380	Sidewalk Ramp, Conc, 4 inch	8030034	140.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	525.000	Sft
0400	Guardrail, Type MGS-8	8070004	1,100.000	Ft
0410	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
0420	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0430	Post, Mailbox	8070095	49.000	Ea
0440	Post, Steel, 3 lb	8100371	64.000	Ft
0450	Sign, Type IIIB	8100405	32.000	Sft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	48.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0500	Pavt Mrkg, Waterborne, 4 inch, White	8110231	675.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,680.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, White	8110233	22,480.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	675.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,680.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	22,480.000	Ft
0560	Rem Spec Mrkg	8110343	160.000	Sft
0570	Recessing Pavt Mrkg, Longit	8110450	25,805.000	Ft
0580	Channelizing Device, 42 inch, Furn	8120030	175.000	Ea
0590	Channelizing Device, 42 inch, Oper	8120031	175.000	Ea
0600	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
0610	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0620	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0630	Conc Barrier, Temp, Adj	8120080	600.000	Ft
0640	Conc Barrier, Temp, Furn	8120081	300.000	Ft
0650	Conc Barrier, Temp, Oper	8120082	300.000	Ft
0660	Conc Barrier, Temp, Relocated	8120083	300.000	Ft
0670	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,250.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	19,500.000	Ft

0720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,600.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	19,500.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0750	PTS System, Temp, Furn	8120270	1.000	Ea
0760	PTS System, Temp, Oper	8120271	1.000	Ea
0770	Sign Cover	8120310	8.000	Ea
0780	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0790	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	1,051.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	1,051.000	Sft
0820	Traf Regulator Control	8120370	1.000	LSUM
0830	_ Turf Establishment, Performance	8167011	17,000.000	Syd
0840	Monument Box Adjust	8210005	4.000	Ea
0850	Monument Preservation	8210010	4.000	Ea
0860	Centerline Corrugations, Milled, HMA	8220013	7,140.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180713 017

Letting Date: July 13, 2018

Contract ID: 81075-132128

Description: 0.26 mi of hot mix asphalt carpool lot and left-turn lane, concrete curb, gutter, sidewalks and ramps, culverts, drainage, signage and pavement markings on 8 Mile Road at US-23, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132128A	1800846	N/A	CM 81075

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$141,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	4.000	Ft
0070	Curb and Gutter, Rem	2040020	102.000	Ft
0080	Fence, Rem	2040025	760.000	Ft
0090	Exploratory Investigation, Vertical	2040080	15.000	Ft
0100	Embankment, CIP	2050010	9,820.000	Cyd
0110	Excavation, Earth	2050016	8,100.000	Cyd
0120	_ Subgrade Undercutting, Modified	2057021	1,800.000	Cyd
0130	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0150	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0160	Erosion Control, Silt Fence	2080036	2,380.000	Ft
0170	_ Permeable Runoff Structure	2087001	90.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	Aggregate Base, 6 inch	3020016	10,800.000	Syd
0200	Aggregate Base, 12 inch	3020030	3,509.000	Syd
0210	Shoulder, CI II	3070121	50.000	Ton
0220	Shoulder, CI II, 6 inch	3070128	80.000	Syd
0230	Culv End Sect, 18 inch	4010018	3.000	Ea
0240	Culv, CI A, Conc, 18 inch	4010167	20.000	Ft
0250	Sewer, CI A, 18 inch, Tr Det B	4020035	374.000	Ft
0260	Dr Structure Cover, Type E	4030035	1.000	Ea
0270	Dr Structure Cover, Type J	4030045	3.000	Ea
0280	Dr Structure, 48 inch dia	4030210	4.000	Ea

0290	Underdrain, Subbase, 6 inch	4040063	1,424.000	Ft
0300	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0310	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0320	Pavt, Cleaning	5010001	1.000	LSUM
0330	Cold Milling HMA Surface	5010002	3,640.000	Syd
0340	HMA Surface, Rem	5010005	840.000	Syd
0350	HMA Quality Initiative	5010007	5,828.000	Dlr
0360	Longitudinal Joint Density Quality Initiative	5010018	6,310.000	Dlr
0370	HMA, 3E3	5010045	283.000	Ton
0380	HMA, 4E3	5010051	334.000	Ton
0390	HMA, 5E3	5010057	485.000	Ton
0400	HMA Approach	5010061	1,812.000	Ton
0410	Conc Base Cse, Nonreinf, 10 inch	6020023	17.000	Syd
0420	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	2,158.000	Syd
0430	Joint, Contraction, C3p	6020201	1,510.000	Ft
0440	_ Conduit, Clean and Test	8007001	1,485.000	Ft
0450	_ Cellular Modem, 4G	8007050	1.000	Ea
0460	_ Dynamic Message Panel System, 12 Inch, 3 Char, 1 Panel	8007050	1.000	Ea
0470	_ Fixed Camera System	8007050	2.000	Ea
0480	_ Hardened Processing Unit	8007050	1.000	Ea
0490	_ Hh, Clean	8007050	8.000	Ea
0500	_ Internet Protocol Surveillance System, Type D	8007050	1.000	Ea
0510	_ Unmanaged Field Ethernet Switch	8007050	1.000	Ea
0520	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0530	Curb, Conc, Det E2	8020002	1,140.000	Ft
0540	Curb and Gutter, Conc, Det B2	8020016	1,070.000	Ft
0550	Driveway Opening, Conc, Det M	8020050	170.000	Ft
0560	Spillway, Conc	8020075	28.000	Ft
0570	Sidewalk Ramp, Conc, 4 inch	8030034	150.000	Sft
0580	Sidewalk, Conc, 4 inch	8030044	610.000	Sft
0590	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0600	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0610	Post, Steel, 3 lb	8100371	242.000	Ft
0620	Sign, Type IA	8100392	91.000	Sft
0630	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0640	Sign, Type II, Rem	8100397	2.000	Ea
0650	Sign, Type IIB	8100399	5.000	Sft
0660	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0670	Sign, Type III, Rem	8100403	2.000	Ea
0680	Sign, Type IIIA	8100404	35.000	Sft
0690	Sign, Type IIIB	8100405	17.000	Sft
0700	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	180.000	Ft
0710	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	52.000	Ft

0720	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	6.000	Ea
0730	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,350.000	Ft
0740	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,500.000	Ft
0750	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,350.000	Ft
0760	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,500.000	Ft
0770	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	290.000	Ft
0780	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	6,100.000	Ft
0790	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	620.000	Ft
0800	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0810	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0820	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0830	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0840	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0850	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0860	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0870	Minor Traf Devices	8120170	1.000	LSUM
0880	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0890	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0900	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0910	Sign Cover	8120310	4.000	Ea
0920	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0930	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0940	Sign, Type B, Temp, Prismatic, Furn	8120350	264.000	Sft
0950	Sign, Type B, Temp, Prismatic, Oper	8120351	264.000	Sft
0960	Traf Regulator Control	8120370	1.000	LSUM
0970	Riprap, Plain	8130010	150.000	Syd
0980	Site Preparation, Max \$3,000.00	8150001	1.000	LSUM
0990	Watering and Cultivating, First Season, Min \$1,500.00	8150002	1.000	LSUM
1000	Watering and Cultivating, Second Season, Min \$1,800.00	8150003	1.000	LSUM
1010	Malus Donald Wyman, 1 1/2 inch	8152301	6.000	Ea
1020	Malus Prairie Fire, 1 1/2 inch	8152313	6.000	Ea
1030	Picea omorika, 4 foot	8152786	10.000	Ea
1040	Pinus strobus, 4 foot	8152869	9.000	Ea
1050	Platanus x acerifolia, 1 1/2 inch	8152889	5.000	Ea
1060	Slope Restoration, Type A	8160100	11,045.000	Syd
1070	Slope Restoration, Type B	8160101	1,940.000	Syd
1080	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
1090	Conduit, DB, 1, 3 inch	8190029	700.000	Ft
1100	Conduit, DB, 2, 3 inch	8190032	1,465.000	Ft
1110	Conduit, DB, 4, 3 inch	8190038	60.000	Ft
1120	Conduit, Schedule 80 PVC, 2 inch	8190157	900.000	Ft
1130	Hh, Heavy Duty Cover	8190246	1.000	Ea

1140	Hh, Round, 3 foot dia	8190259	5.000	Ea
1150	Light Std Arm, 12 foot	8190268	1.000	Ea
1160	Light Std Fdn	8190279	10.000	Ea
1170	Light Std Shaft, 31 foot to 40 foot	8190286	2.000	Ea
1180	Conduit, Directional Bore, 1, 3 inch	8190602	90.000	Ft
1190	_ DB Cable, in Conduit, 600V, 4, 1/C#2	8197001	1,165.000	Ft
1200	_ DB Cable, in Conduit, 600V, 4, 1/C#6	8197001	105.000	Ft
1210	_ DB Cable, in Conduit, 600V, 4, 1/C#8	8197001	90.000	Ft
1220	_ Hh, Round, Elec	8197050	3.000	Ea
1230	_ Luminaire, Roadway	8197050	1.000	Ea
1240	_ Solar Lighting System	8197050	8.000	Ea
1250	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dir
1260	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1270	Strain Pole Fdn, 6 Bolt	8200470	15.000	Ft
1280	_ ITS Cabinet, Ground Mtd	8207050	2.000	Ea
1290	Monument Preservation	8210010	1.000	Ea
1300	_ Abandon Well	8237050	3.000	Ea
1310	Contractor Staking, Road Only	8240007	1.000	LSUM
1320	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
1330	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
1340	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr
1350	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1360	Lightning Protection, Pole	8260021	3.000	Ea
1370	Fiber Optic, Cable, Single Mode Fiber, 12F	8260047	2,740.000	Ft
1380	Fiber Optic, Hardware Assembly, Small	8260065	2.000	Ea
1390	Fiber Optic, Marker, Above Ground	8260069	8.000	Ea
1400	Fiber Optic, Pigtail	8260071	4.000	Ea
1410	Fiber Optic, Jumper	8260072	4.000	Ea
1420	Managed Field Ethernet Switch, Layer 2	8260080	2.000	Ea
1430	Power Serv, Underground, 30A, 120/240V	8260100	1.000	Ea
1440	Uninterruptible Power Supply, ITS Cabinet	8260140	2.000	Ea
1450	System Integration and Testing	8260160	1.000	LSUM
1460	_ Power Serv, Refurbish, 90A, 120/240V	8267050	1.000	Ea
1470	_ Railroad Protection, at Grade Crossing	8507060	10,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 180713 018

Letting Date: July 13, 2018

Contract ID: 29021-115909

Description: 0.16 mi of concrete culvert replacement with a temporary bridge and approach reconstruction on M-57 over Bradley Drain, Gratiot County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115909A	N/A	N/A	GF18 29021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$139,700.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	4,000.000	Cyd
0030	Excavation, Earth	2050016	7,700.000	Cyd
0040	Erosion Control, Check Dam, Stone	2080012	84.000	Ft
0050	Erosion Control, Filter Bag	2080014	4.000	Ea
0060	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0070	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0080	Erosion Control, Sand Bag	2080028	2,200.000	Ea
0090	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	2.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0120	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	510.000	Syd
0130	Subbase, CIP	3010002	1,325.000	Cyd
0140	Aggregate Base, 6 inch	3020016	1,800.000	Syd
0150	Aggregate Base, 9 inch	3020022	320.000	Syd
0160	Shoulder, CI II, Temp	3070170	10.000	Ton
0170	_ Shoulder, CI II, 4 inch, Modified	3077011	100.000	Syd
0180	Underdrain, Subbase, 6 inch	4040063	354.000	Ft
0190	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0200	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0210	HMA Surface, Rem	5010005	2,110.000	Syd
0220	HMA Quality Initiative	5010007	540.000	Dlr
0230	Longitudinal Joint Density Quality Initiative	5010018	1,150.000	Dlr
0240	HMA Approach	5010061	570.000	Ton
0250	Guardrail, Type MGS-8	8070004	975.000	Ft
0260	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0270	Guardrail Post, Culv	8070070	14.000	Ea
0280	Guardrail Reflector	8070080	39.000	Ea

0290	Post, Mailbox	8070095	4.000	Ea
0300	Delineator Reflector, Green	8100133	8.000	Ea
0310	Post, Rigid, Delineator	8100361	8.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	60.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, White	8110233	825.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	60.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	825.000	Ft
0370	Rem Spec Mrkg	8110343	48.000	Sft
0380	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0390	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0400	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0410	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0420	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0430	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0440	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0450	Conc Barrier, Temp, Furn	8120081	1,600.000	Ft
0460	Conc Barrier, Temp, Oper	8120082	1,600.000	Ft
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 Cover, Type R, Black	8120200	1,000.000	Ft
0510	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,800.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	800.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	800.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	400.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0560	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0580	PTS System, Temp, Furn	8120270	1.000	Ea
0590	PTS System, Temp, Oper	8120271	1.000	Ea
0600	Sign Cover	8120310	10.000	Ea
0610	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0620	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	1,163.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,163.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Slope Restoration, Type C	8160102	5,700.000	Syd
0670	Centerline Corrugations, Milled, HMA	8220013	177.000	Ft

Section: 2

0680	Structures, Rem (C03 of 29021)	2040060	1.000	LSUM
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0690	Excavation, Rock	2050018	50.000	Cyd
0700	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0710	Backfill, Structure, CIP	2060002	4,105.000	Cyd
0720	Excavation, Fdn	2060010	4,440.000	Cyd
0730	Geotextile, Separator	3080005	335.000	Syd
0740	Culv Bedding, Box Culv	4060005	86.000	Cyd
0750	_ Culv, Precast Conc Box, 20 foot by 10 foot	4067001	73.000	Ft
0760	Steel Sheet Piling, Temp	7040002	3,490.000	Sft
0770	Reinforcement, Steel, Epoxy Coated	7060092	6,139.000	Lb
0780	Substructure Conc, High Performance	7060101	73.000	Cyd
0790	Joint Waterproofing	7100001	82.000	Sft
0800	Structures, Temp (C03 of 29021)	7140001	1.000	LSUM
0810	Structures, Temp, Rem (C03 of 29021)	7140002	1.000	LSUM
0820	Riprap, Plain	8130011	905.000	Ton



Schedule of Pay Items

Report v1

Letting Call: 180713 019

Letting Date: July 13, 2018

Contract ID: 51021-202705

Description: Structural steel repair and partial painting on M-55 over Pine River, Manistee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202705A	N/A	N/A	M 51021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,700.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	400.000	Ft
0030	Post, Steel, 3 lb	8100371	1,078.000	Ft
0040	Sign, Type III, Rem	8100403	4.000	Ea
0050	Sign, Type IIIA	8100404	36.000	Sft
0060	Sign, Type IIIB	8100405	260.000	Sft
0070	Reflective Panel for Permanent Sign Support, 6 foot (Red)	8100616	14.000	Ea
0080	Reflective Panel for Permanent Sign Support, 6 foot (Yellow)	8100616	76.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	40,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,000.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	31.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	31.000	Ea
0130	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign Cover	8120310	2.000	Ea
0160	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0170	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	930.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	930.000	Sft
0200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	79.000	Sft
0210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	79.000	Sft
0220	Fertilizer, Chemical Nutrient, CI A	8160020	24.000	Lb
0230	Mulch	8160025	500.000	Syd
0240	Mulch Anchoring	8160026	500.000	Syd
0250	Seeding, Mixture TUF	8160042	23.000	Lb
0260	Topsoil Surface, Furn, 4 inch	8160062	500.000	Syd

0270	Contractor Staking	8240001	1.000	LSUM
0280	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0290	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0300	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Section: 2

0310	_ Temp Work Platform (B03 of 51021)	7077051	1.000	LSUM
0320	Structures, Rehabilitation, Rem Portions (B03 of 51021)	7120070	1.000	LSUM
0330	Beam Plate, Seal Perimeter	7130010	1,600.000	Ft
0340	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	12,287.000	Lb
0350	Steel Structure, Cleaning, Partial, Type 4 (B03 of 51021)	7150047	1.000	LSUM
0360	Steel Structure, Coating, Partial, Type 4 (B03 of 51021)	7150048	1.000	LSUM
0370	_ Heating and Housing (B03 of 51021)	7157051	1.000	LSUM
0380	Field Repair of Damaged Coating (B03 of 51021)	7160001	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180713 020

Letting Date: July 13, 2018

Contract ID: 82025-201023

Description: Concrete sidewalk and driveway work associated with the replacement of the Chene Street and Gratiot Avenue bridges in the city of Detroit, Wayne County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201023A	1800811	N/A	NH 82025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,600.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Aggregate Base, 6 inch	3020016	1,663.000	Syd
0040	Aggregate Base, 8 inch	3020020	285.000	Syd
0050	Conc Pavt, Curing Horizontal Surfaces	6020159	1,948.000	Syd
0060	Driveway, Nonreinf Conc, 6 inch	8010005	24.000	Syd
0070	Driveway, Nonreinf Conc, 8 inch	8010007	242.000	Syd
0080	Curb, Conc, Det E1	8020001	251.000	Ft
0090	Detectable Warning Surface	8030010	244.000	Ft
0100	Sidewalk Ramp, Conc, 6 inch	8030036	4,245.000	Sft
0110	Sidewalk, Conc, 4 inch	8030044	9,651.000	Sft
0120	Sidewalk, Conc, 6 inch	8030046	905.000	Sft
0130	Contractor Staking, Road Only	8240007	1.000	LSUM
0140	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0150	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0160	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180713 021

Letting Date: July 13, 2018

Contract ID: 82024-201016

Description: 0.14 mi of turf establishment on Gratiot Avenue (M-3) and Chene Street over I-94 in the city of Detroit, Wayne County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201016A	1800812	N/A	NH 82024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,200	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	_ Turf Establishment, Performance	8167011	8,734.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 022

Letting Date: July 13, 2018

Contract ID: 82025-201021

Description: Installation of lighting on I-94 at Chene Street and Gratiot Avenue bridges in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201021A	1800813	N/A	NH 82025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$12,600.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Cable, Rem	8190016	2,751.000	Ft
0040	Light Std Arm, 12 foot	8190268	4.000	Ea
0050	Light Std Arm, Install Salv	8190276	11.000	Ea
0060	Light Std Arm, Rem	8190277	2.000	Ea
0070	Light Std Arm, Rem and Salv	8190278	10.000	Ea
0080	Light Std, Frangible Transformer Base	8190281	4.000	Ea
0090	Light Std Shaft, 30 foot or less, Single Arm	8190290	4.000	Ea
0100	Light Std Shaft, Install Salv	8190301	11.000	Ea
0110	Light Std Shaft, Rem	8190305	2.000	Ea
0120	Light Std Shaft, Rem and Salv	8190306	10.000	Ea
0130	Luminaire, Install Salv	8190350	17.000	Ea
0140	Luminaire, Rem	8190360	2.000	Ea
0150	Luminaire, Rem and Salv	8190365	16.000	Ea
0160	Cable, Sec, Triplex, 1, 3/C#4	8190418	2,035.000	Ft
0170	Wood Pole, Cl 4, 50 foot	8190475	2.000	Ea
0180	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	1.000	Ea
0190	Wood Pole, Rem	8190505	2.000	Ea
0200	_ Cable, Equipment Grounding Wire, 1/C#4, Aluminum	8197001	600.000	Ft
0210	_ Cable, Equipment Grounding Wire, 1/C#6, Aluminum	8197001	1,756.000	Ft
0220	_ Cable, Equipment Grounding Wire, 1/C#8, Aluminum	8197001	825.000	Ft
0230	_ DB Cable, in Conduit, 600V, 1/C#2, Aluminum	8197001	1,800.000	Ft
0240	_ DB Cable, in Conduit, 600V, 1/C#4, Aluminum	8197001	6,598.000	Ft
0250	_ Overhead, #2 Alum Quadplex with #2 ACSR Neutral	8197001	250.000	Ft
0260	_ Bracket Arm, Clamp on, Install Salv	8197050	6.000	Ea
0270	_ Bracket Arm, Clamp on, Rem and Salv	8197050	6.000	Ea
0280	_ Light Std and Luminaire	8197050	8.000	Ea

0290	_ Light Std Arm, 6 foot (Public Lighting Authority)	8197050	5.000	Ea
0300	_ Light Std Shaft, 30 foot or less (Public Lighting Authority)	8197050	5.000	Ea
0310	_ Luminaire (Public Lighting Authority)	8197050	5.000	Ea
0320	_ Luminaire, Ramp	8197050	4.000	Ea
0330	_ Wood Pole, Install Salv	8197050	4.000	Ea
0340	_ Wood Pole, Rem and Salv	8197050	4.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 023

Letting Date: July 13, 2018

Contract ID: 46101-200909

Description: 12.59 mi of enhanced guardrail delineation on all existing guardrails, replacement of guardrail reflector washers, removal and replacement of existing roadside delineation with enhanced delineation and reflective sign support panels to existing signs on US-12 from Devil's Lake Highway to Tipton Highway, Lenawee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200909A	1800861	N/A	HSIP 46101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$7,900.00	1500001	1.000	LSUM
0020	Guardrail Reflector	8070080	600.000	Ea
0030	Delineator Reflector, White	8100134	162.000	Ea
0040	Delineator, Rem	8100349	132.000	Ea
0050	Post, Rigid, Delineator	8100361	162.000	Ea
0060	Post, Steel, 3 lb	8100371	1,686.000	Ft
0070	Sign, Type II, Rem	8100397	4.000	Ea
0080	Sign, Type IIB	8100399	128.000	Sft
0090	Sign, Type III, Rem	8100403	52.000	Ea
0100	Sign, Type IIIB	8100405	401.000	Sft
0110	Sign, Type V, Rem	8100421	19.000	Ea
0120	Sign, Type VB	8100425	184.000	Sft
0130	Reflective Panel for Permanent Sign Support, 3 foot	8100613	18.000	Ea
0140	Reflective Panel for Permanent Sign Support, 6 foot	8100616	179.000	Ea
0150	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	13,488.000	Ft
0160	Channelizing Device, 42 inch, Furn	8120030	125.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	125.000	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, Furn	8120250	15.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	15.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft

0270

Traf Regulator Control

8120370

1.000

LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 024

Letting Date: July 13, 2018

Contract ID: 76011-201295

Description: 11.75 mi of hot mix asphalt cold milling and resurfacing, joint repairs, centerline corrugation and pavement markings on M-52 from the south Shiawassee county line to Bath Road and from I-69 to Delaney Road, Shiawassee County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201295A	N/A	N/A	GF18 76011
201296A	N/A	N/A	M 76011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$252,000.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	3,890.000	Ton
0030	Cold Milling HMA Surface	5010002	198,330.000	Syd
0040	HMA Quality Initiative	5010007	42,510.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	165,320.000	Dlr
0060	Hand Patching	5010025	1,265.000	Ton
0070	HMA, 5E1	5010056	18,360.000	Ton
0080	HMA Approach	5010061	1,630.000	Ton
0090	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	7,015.000	Ft
0100	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	5,075.000	Ft
0110	Cold Milling Conc Pavt	6030014	27,750.000	Syd
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,420.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	59,800.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	122,800.000	Ft
0190	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,310.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,420.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	59,800.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	122,800.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	1,310.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Channelizing Device, 42 inch, Furn	8120030	426.000	Ea

0260	Channelizing Device, 42 inch, Oper	8120031	426.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0290	Ltg for Night Work	8120160	1.000	LSUM
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	60,900.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,335.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,640.000	Ft
0340	Plastic Drum, High Intensity, Furn	8120250	52.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	52.000	Ea
0360	Sign Cover	8120310	8.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,184.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	1,184.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Monument Box	8210001	9.000	Ea
0430	Monument Preservation	8210010	9.000	Ea
0440	Centerline Corrugations, Milled, HMA	8220013	60,900.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180713 025

Letting Date: July 13, 2018

Contract ID: 41131-131653

Description: 4.04 mi of hot mix asphalt cold milling and resurfacing, joint repairs, concrete pavement repairs, shoulder, cable barrier and pavement markings on US-131 from the south Kent county line north to 76th Street including ramps at the 84th Street and 76th Street interchanges, Kent County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131653A	N/A	N/A	GF18 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$242,300.00	1500001	1.000	LSUM
0020	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0030	Aggregate Base, 6 inch	3020016	3,112.000	Syd
0040	Shoulder, CI II	3070121	1,131.000	Ton
0050	Trenching	3070200	40.000	Sta
0060	_ Culvert, Cleanout	4017001	225.000	Ft
0070	Cold Milling HMA Surface	5010002	188,664.000	Syd
0080	Bump Grinding	5010004	500.000	Syd
0090	HMA Surface, Rem	5010005	5,778.000	Syd
0100	HMA Quality Initiative	5010007	39,774.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	97,529.000	Dlr
0120	Pavt Joint and Crack Repr, Det 8	5010021	4,094.000	Ft
0130	Hand Patching	5010025	1,431.000	Ton
0140	HMA, 4E3	5010051	2,334.000	Ton
0150	HMA, 5E30	5010059	14,355.000	Ton
0160	HMA Approach	5010061	1,767.000	Ton
0170	Cement	6030005	6.000	Ton
0180	Cold Milling Conc Pavt	6030014	804.000	Syd
0190	Diamond Grinding Conc Pavt	6030015	1,067.000	Syd
0200	Joint, Contraction, Crg	6030020	384.000	Ft
0210	Non-Chloride Accelerator	6030035	150.000	Gal
0220	Pavt Repr, Nonreinf Conc, 10 inch	6030048	128.000	Syd
0230	Pavt Repr, Rem	6030080	128.000	Syd
0240	Resealing Trans Joints with Hot-Poured Rubber	6030100	864.000	Ft
0250	Resealing Longit Joints with Hot-Poured Rubber	6030101	810.000	Ft
0260	_ Joint, Tied, Special	6037001	270.000	Ft
0270	_ Pavt Repr, Nonreinf, 10 inch, Special	6037011	112.000	Syd

0280	_ Pavt Repr, Rem, Special	6037011	112.000	Syd
0290	Guardrail, Reconst, Type T	8070109	1,185.000	Ft
0300	Cable Barrier, High Tension, Reconst	8070202	1,750.000	Ft
0310	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	240.000	Ea
0320	Cable Barrier, High Tension, Line Post Fdn	8070221	240.000	Ea
0330	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	4.000	Ea
0340	Cable Barrier, High Tension, End Term Fdn	8070223	4.000	Ea
0350	Sign, Type II, Rem	8100397	6.000	Ea
0360	Sign, Type IIB	8100399	68.000	Sft
0370	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	16.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0410	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	175.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	170.000	Ft
0430	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	10,700.000	Ft
0440	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	47,650.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	47,650.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,450.000	Ft
0470	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	600.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	600.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0540	Ltg for Night Work	8120160	1.000	LSUM
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Mobile Attenuator	8120180	2.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,750.000	Ft
0580	Sign Cover	8120310	8.000	Ea
0590	Sign Cover, Type 1	8120320	2.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0660	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	8.000	Ea
0670	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	8.000	Ea
0680	Slope Restoration, Type A	8160100	1,556.000	Syd

0690	Slope Restoration, Type B	8160101	1,334.000	Syd
0700	Traf Loop	8200170	4.000	Ea
0710	Wireless Vehicle Sensor Node, Salv	8200427	16.000	Ea
0720	TS, Bag	8200450	4.000	Ea
0730	TS, Bag, Rem	8200451	4.000	Ea
0740	Shoulder Corrugations, Ground or Cut, HMA	8220001	44,500.000	Ft
0750	Contractor Staking, Road Only	8240007	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 026

Letting Date: July 13, 2018

Contract ID: 23092-125597

Description: Modernization of traffic signals and ADA ramps on M-36, M-43, M-99, M-100, I-69BL and I-96BL in the cities of Grand Ledge, Lansing and Mason, Eaton and Ingham Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125597A	1800871	N/A	STG 23092

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$236,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	304.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Sidewalk, Rem	2040055	256.000	Syd
0050	Exploratory Investigation, Vertical	2040080	120.000	Ft
0060	Excavation, Earth	2050016	15.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	12.000	Cyd
0080	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0090	HMA Surface, Rem	5010005	60.000	Syd
0100	Hand Patching	5010025	32.000	Ton
0110	_ Managed Field Ethernet Switch, Fiber Capable	8007050	15.000	Ea
0120	_ Pedestrian Ramp, Temp	8007050	8.000	Ea
0130	_ Roadside Unit, Intersection	8007050	15.000	Ea
0140	Curb and Gutter, Conc, Det F4	8020038	122.000	Ft
0150	Detectable Warning Surface	8030010	113.000	Ft
0160	Curb Ramp Opening, Conc	8030030	192.000	Ft
0170	Sidewalk Ramp, Conc, 6 inch	8030036	2,190.000	Sft
0180	Sidewalk, Conc, 4 inch	8030044	128.000	Sft
0190	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0200	Fence, Protective	8080007	100.000	Ft
0210	Sign, Type III, Rem	8100403	2.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,089.000	Ft
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	636.000	Ft
0250	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	100.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	350.000	Ft
0270	Rem Spec Mrkg	8110343	402.000	Sft

0280	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0290	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0300	Channelizing Device, 42 inch, Furn	8120030	280.000	Ea
0310	Channelizing Device, 42 inch, Oper	8120031	280.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Mobile Attenuator	8120180	4.000	Ea
0360	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	280.000	Ft
0370	Sign Cover	8120310	10.000	Ea
0380	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0390	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,840.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	1,840.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Slope Restoration, Type A	8160100	320.000	Syd
0440	Cable Pole, TS and Sec, Disman	8190009	10.000	Ea
0450	Cable Pole, TS, Disman	8190010	20.000	Ea
0460	Cable, Rem	8190016	3,600.000	Ft
0470	Conduit, DB, 1, 1 1/2 inch	8190027	955.000	Ft
0480	Conduit, DB, 3, 3 inch	8190035	560.000	Ft
0490	Conduit, DB, 4, 3 inch	8190038	105.000	Ft
0500	Hh, Adj	8190244	1.000	Ea
0510	Hh, Rem	8190254	26.000	Ea
0520	Hh, Round, 3 foot dia	8190259	10.000	Ea
0530	Hh, Round	8190260	48.000	Ea
0540	Wood Pole, Cl 4, 40 foot	8190473	6.000	Ea
0550	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8190485	1.000	Ea
0560	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0570	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0580	Wood Pole, Rem	8190505	3.000	Ea
0590	Conduit, Directional Bore, 1, 3 inch	8190602	340.000	Ft
0600	Conduit, Directional Bore, 2, 3 inch	8190604	110.000	Ft
0610	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	4.000	Ea
0620	Case Sign, Rem	8200020	15.000	Ea
0630	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	14.000	Ea
0640	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0650	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	20.000	Ea
0660	Controller and Cabinet, Rem	8200030	19.000	Ea
0670	Controller and Cabinet, Digital Type	8200031	12.000	Ea
0680	Controller and Cabinet, Digital Type, Master	8200033	3.000	Ea
0690	Controller Fdn, Base Mount	8200045	10.000	Ea
0700	Controller Fdn, Rem	8200046	2.000	Ea
0710	Controller, Digital Type	8200047	3.000	Ea
0720	Global Positioning System Module	8200050	5.000	Ea

0730	Fdn, Rem	8200065	9.000	Ea
0740	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0750	Flsh Beacon, Solar Power	8200071	1.000	Ea
0760	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	18.000	Ea
0770	Pedestal, Alum	8200100	30.000	Ea
0780	Pedestal, Fdn	8200105	30.000	Ea
0790	Pedestal Fdn, Rem	8200106	11.000	Ea
0800	Pedestal, Rem	8200110	11.000	Ea
0810	Power Co. (Est. Cost to Contractor)	8200116	10,000.000	Dlr
0820	Pushbutton and Sign	8200121	26.000	Ea
0830	Pushbutton, Rem	8200122	11.000	Ea
0840	Serv Disconnect	8200135	17.000	Ea
0850	Span Wire	8200140	50.000	Ea
0860	Span Wire, Rem	8200141	20.000	Ea
0870	Span Wire Tether	8200142	28.000	Ea
0880	Steel Pole, Rem	8200145	9.000	Ea
0890	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
0900	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0910	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0920	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	25.000	Ea
0930	TS, Pedestrian, Pedestal Mtd, Rem	8200181	10.000	Ea
0940	TS, Span Wire Mtd, Rem	8200182	40.000	Ea
0950	Warning Sign	8200260	3.000	Ea
0960	Warning Sign, Rem	8200261	3.000	Ea
0970	TS, Wireless Link, 5 Gigahertz, Master	8200274	2.000	Ea
0980	TS, Wireless Link, 5 Gigahertz, Remote	8200275	9.000	Ea
0990	TS, One Way Span Wire Mtd (LED)	8200313	124.000	Ea
1000	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
1010	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
1020	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	2.000	Ea
1030	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1040	TS, 4th Level, RTGA (LED)	8200331	1.000	Ea
1050	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	16.000	Ea
1060	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1070	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	20.000	Ea
1080	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	10.000	Ea
1090	Bracket, Truss, With 18 Foot Arm	8200378	26.000	Ea
1100	Video Traf Detection Camera, Rem	8200384	4.000	Ea
1110	Bracket, Truss, Rem	8200388	2.000	Ea
1120	Emergency Pre-emption, Rem	8200415	27.000	Ea
1130	Emergency Pre-emption, Salv	8200416	27.000	Ea
1140	Wireless Vehicle Detection System	8200422	1.000	Ea

1150	Wireless Vehicle Sensor Node	8200425	14.000	Ea
1160	Hemispherical Video Detection Camera	8200444	12.000	Ea
1170	Hemispherical Video Detection System	8200445	10.000	Ea
1180	TS, Bag	8200450	10.000	Ea
1190	TS, Bag, Rem	8200451	10.000	Ea
1200	Strain Pole, Steel, 6 bolt, 30 foot	8200460	34.000	Ea
1210	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
1220	Strain Pole, Steel, 6 bolt, 40 foot	8200462	13.000	Ea
1230	Strain Pole Fdn, 6 Bolt	8200470	755.000	Ft
1240	Casing	8200480	406.000	Ft
1250	Cellular Modem, TS, 4G	8200498	15.000	Ea
1260	Backplate, TS	8200501	80.000	Ea
1270	_ TS, Wireless Link, Rem	8207050	1.000	Ea
1280	_ TS, Wireless Link, Salv	8207050	1.000	Ea
1290	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 027

Letting Date: July 13, 2018

Contract ID: 50000-202837

Description: 0.76 mi of hot mix asphalt cold milling and resurfacing, concrete pavement replacement, curb, gutter and sidewalk ramps and pavement markings on Harrington Street from Gratiot Avenue to Hillsdale Street in the city of Mt. Clemens, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202837A	1800821	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$124,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	333.000	Ft
0030	Pavt, Rem	2040050	7,035.000	Syd
0040	Sidewalk, Rem	2040055	295.000	Syd
0050	Excavation, Earth	2050016	1,750.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0080	Project Cleanup	2090001	1.000	LSUM
0090	Subbase, CIP	3010002	35.000	Cyd
0100	Aggregate Base, 5 inch	3020012	107.000	Syd
0110	Aggregate Base, 8 inch	3020020	7,035.000	Syd
0120	Maintenance Gravel	3060020	100.000	Ton
0130	_ Geosynthetic Paving Fabric	3087011	18,107.000	Syd
0140	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0150	Cold Milling HMA Surface	5010002	11,115.000	Syd
0160	Hand Patching	5010025	12.000	Ton
0170	HMA, 3C	5010031	1,158.000	Ton
0180	HMA, 4E1	5010050	2,393.000	Ton
0190	HMA, 5E1	5010056	1,795.000	Ton
0200	Curb and Gutter, Conc, Det F4	8020038	349.000	Ft
0210	Detectable Warning Surface	8030010	110.000	Ft
0220	Curb Ramp Opening, Conc	8030030	154.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	2,559.000	Sft
0240	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,704.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,704.000	Ft
0270	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	147.000	Ft

0280	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	147.000	Ft
0290	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	794.000	Ft
0300	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	794.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	324.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,026.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	976.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	976.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	69.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	69.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Turf Establishment, Performance	8167011	350.000	Syd
0440	Gate Box, Adj, Case 1	8230431	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 028

Letting Date: July 13, 2018

Contract ID: 70000-200542

Description: 2.54 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on James Street from US-31 to Chicago Drive, Ottawa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200542A	N/A	N/A	EDF 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$115,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Pavt, Rem	2040050	198.000	Syd
0040	_ Sidewalk Ramp Grading	2057011	197.000	Syd
0050	_ Approach, Class I, Driveway, Modified	2057050	10.000	Ea
0060	Approach, CI I, 6 inch	3070008	198.000	Syd
0070	_ Trenched Material Disposal	3077002	85.000	Sta
0080	_ Trenching, Modified	3077002	85.000	Sta
0090	_ Shoulder, Class II, Modified	3077011	2,884.000	Syd
0100	Dr Structure, Temp Lowering	4030390	66.000	Ea
0110	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	66.000	Ea
0120	Cold Milling HMA Surface	5010002	68,647.000	Syd
0130	HMA, 2C	5010030	685.000	Ton
0140	HMA, 4E3	5010051	2,200.000	Ton
0150	HMA, 5E3	5010057	7,810.000	Ton
0160	HMA Approach	5010061	270.000	Ton
0170	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0180	Detectable Warning Surface	8030010	174.000	Ft
0190	Curb Ramp Opening, Conc	8030030	175.000	Ft
0200	Sidewalk Ramp, Conc, 4 inch	8030034	1,380.000	Sft
0210	_ Mailbox Post, Modified	8077050	35.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	45.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	442.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,000.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,100.000	Ft
0320	Pedestrian Type II Barricade, Temp	8120026	34.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,700.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	25,100.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,450.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0400	Plastic Drum, High Intensity, Furn	8120250	595.000	Ea
0410	Plastic Drum, High Intensity, Oper	8120251	595.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	1,420.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	1,420.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	_ Slope Restoration	8167011	2,922.000	Syd
0460	_ Gate Box, Adj	8237050	17.000	Ea
0470	_ Railroad Protection, at Grade Crossing	8507060	4,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 180713 029

Letting Date: July 13, 2018

Contract ID: 54000-200265

Description: 0.80 mi of hot mix asphalt crushing, shaping and resurfacing, profile correction, guardrail and pavement markings on 90th Avenue from north of 19 Mile Road to south of 20 Mile Road, Mecosta County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200265A	1800802	N/A	HRRR 54000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,200.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	12.000	Sta
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	52.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0070	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0080	Fence, Rem	2040025	450.000	Ft
0090	Guardrail, Rem	2040035	760.000	Ft
0100	Embankment, CIP	2050010	910.000	Cyd
0110	Excavation, Earth	2050016	7,570.000	Cyd
0120	Erosion Control, Silt Fence	2080036	3,100.000	Ft
0130	Subbase, CIP	3010002	2,849.000	Cyd
0140	Aggregate Base	3020001	1,800.000	Ton
0150	HMA Base Crushing and Shaping	3050002	10,390.000	Syd
0160	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0170	Salv Crushed Material, LM	3050015	520.000	Cyd
0180	Shoulder, CI II	3070121	420.000	Ton
0190	Culv, CI A, 18 inch	4010133	54.000	Ft
0200	Culv, CI A, 72 inch	4010142	82.000	Ft
0210	Culv, CI E, 15 inch	4010540	38.000	Ft
0220	Culv, CI E, 18 inch	4010541	44.000	Ft
0230	Culv, CI E, 24 inch	4010542	104.000	Ft
0240	Culv, CI E, 36 inch	4010544	54.000	Ft
0250	Culv, CI F, 12 inch	4010607	115.000	Ft
0260	Video Taping Sewer and Culv Pipe	4021275	164.000	Ft
0270	Underdrain, Subbase, 6 inch	4040063	1,850.000	Ft

0280	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0290	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0300	HMA, LVSP	5010703	2,280.000	Ton
0310	_ HMA Spillway	5017011	12.000	Syd
0320	Guardrail, Type B	8070000	2,225.000	Ft
0330	Guardrail Approach Terminal, Type 2B	8070042	10.000	Ea
0340	Guardrail Reflector	8070080	90.000	Ea
0350	Post, Mailbox	8070095	2.000	Ea
0360	Fence, Woven Wire with Steel Post	8080002	350.000	Ft
0370	Delineator, Rem	8100349	4.000	Ea
0380	Sign, Type III, Rem	8100403	1.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,500.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,500.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0450	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	209.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	209.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	80.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	80.000	Sft
0500	Riprap, Heavy	8130005	1,060.000	Syd
0510	Riprap, Plain	8130010	85.000	Syd
0520	Slope Restoration, Type A	8160100	1,350.000	Syd
0530	Slope Restoration, Type B	8160101	1,710.000	Syd
0540	Slope Restoration, Type C	8160102	3,840.000	Syd
0550	Slope Restoration, Type D	8160103	260.000	Syd
0560	Monument Preservation	8210010	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 030

Letting Date: July 13, 2018

Contract ID: 77475-132896

Description: 0.25 mi of concrete sidewalk, signal, crosswalks and signing at Belle River Elementary School, Marine City Middle School and Holy Cross Elementary School in the city of Marine City, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132896A	1800755	N/A	TA 77475

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	580.000	Ft
0030	Fence, Rem	2040025	25.000	Ft
0040	Pavt, Rem	2040050	277.000	Syd
0050	Sidewalk, Rem	2040055	619.000	Syd
0060	Embankment, CIP	2050010	86.000	Cyd
0070	Excavation, Earth	2050016	348.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0090	Erosion Control, Silt Fence	2080036	500.000	Ft
0100	Subbase, CIP	3010002	175.000	Cyd
0110	Aggregate Base, 6 inch	3020016	1,239.000	Syd
0120	Shoulder, CI II, 6 inch	3070128	166.000	Syd
0130	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0140	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0150	Hand Patching	5010025	42.000	Ton
0160	Conc Base Cse, Nonreinf, 6 inch	6020015	147.000	Syd
0170	Driveway, Nonreinf Conc, 8 inch	8010007	736.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	311.000	Ft
0190	Curb and Gutter, Conc, Det F6	8020040	52.000	Ft
0200	Detectable Warning Surface	8030010	218.000	Ft
0210	Curb Ramp Opening, Conc	8030030	253.000	Ft
0220	Sidewalk Ramp, Conc, 4 inch	8030034	6,217.000	Sft
0230	Sidewalk, Conc, 4 inch	8030044	7,382.000	Sft
0240	Sidewalk, Conc, 6 inch	8030046	1,968.000	Sft
0250	_ Pedestrian Path, Temp	8037001	108.000	Ft
0260	_ Pedestrian Ramp, Temp	8037050	1.000	Ea
0270	Shared use Path, Aggregate, LM	8060011	53.000	Cyd

0280	Shared use Path, Grading	8060030	420.000	Ft
0290	Shared use Path, HMA	8060040	91.000	Ton
0300	Post, Mailbox	8070095	19.000	Ea
0310	Fence, Chain Link, 48 inch	8080011	25.000	Ft
0320	Post, Steel, 3 lb	8100371	292.000	Ft
0330	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0340	Sign, Type III, Rem	8100403	12.000	Ea
0350	Sign, Type IIIB	8100405	65.000	Sft
0360	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	858.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	84.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0390	_ Pavt Mrkg, Ovly Cold Plastic, Yield Line Triangle	8117050	12.000	Ea
0400	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0410	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0420	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0450	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	255.000	Ft
0460	Plastic Drum, High Intensity, Lighted, Furn	8120260	100.000	Ea
0470	Plastic Drum, High Intensity, Lighted, Oper	8120261	100.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	818.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	818.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Slope Restoration, Type A	8160100	1,250.000	Syd
0520	Conduit, DB, 1, 1 1/2 inch	8190027	6.000	Ft
0530	Cable, Sec, 600V, 1, 3/C#6	8190399	150.000	Ft
0540	Wood Pole, Cl 4, 35 foot	8190472	3.000	Ea
0550	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0560	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0570	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0580	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0590	Pushbutton and Sign	8200121	12.000	Ea
0600	Serv Disconnect	8200135	1.000	Ea
0610	Span Wire	8200140	3.000	Ea
0620	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0630	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0640	_ Perimeter Lit Flashing LED Assembly, Solar Power	8207050	10.000	Ea
0650	Gate Box, Adj, Case 1	8230431	3.000	Ea
0660	Contractor Staking	8240001	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 031

Letting Date: July 13, 2018

Contract ID: 41025-126499

Description: 3.08 mi of hot mix asphalt widening and temporary crossovers, aggregate base, earthwork, drainage, removal of existing structure and replacement with 102-inch steel beams, construction of new structure with 54-inch deep steel beams, piles and pavement markings on I-96 near the I-96/I-196 interchange in the city of Grand Rapids, Kent County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126499A	1800858	N/A	STI 41025

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	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$1,400,000.00	1500001	1.000	LSUM
0080	Clearing	2010001	3.010	Acre
0090	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0100	Tree, Rem, 6 inch to 18 inch	2020004	15.000	Ea
0110	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0120	Culv, End, Rem, Less than 24 inch	2030005	13.000	Ea
0130	Culv, End, Rem, 24 inch to 48 inch	2030006	5.000	Ea
0140	Curb and Gutter, Rem	2040020	78.000	Ft
0150	Guardrail, Rem	2040035	5,018.000	Ft
0160	Pavt, Rem	2040050	3,480.000	Syd
0170	Exploratory Investigation, Vertical	2040080	200.000	Ft
0180	Backfill, Swamp	2050001	1,184.000	Cyd
0190	Ditch Cleanout	2050006	3.000	Sta
0200	Embankment, CIP	2050010	107,902.000	Cyd
0210	Excavation, Earth	2050016	79,594.000	Cyd
0220	Excavation, Peat	2050017	1,184.000	Cyd
0230	Non Haz Contaminated Material Handling and Disposal, LM	2050031	350.000	Cyd
0240	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0250	_ Drainage Blanket	2057011	4,231.000	Syd

0260	_ Dewatering	2057051	1.000	LSUM
0270	_ Geotechnical Instrumentation Hardware	2057051	1.000	LSUM
0280	_ Geotechnical Instrumentation Installation	2057051	1.000	LSUM
0290	_ Geotechnical Instrumentation Monitoring	2057051	1.000	LSUM
0300	Aggregate, 6A	2060001	15.000	Cyd
0310	_ Fill, Lightweight, EPS Block	2067021	7,510.000	Cyd
0320	Erosion Control, Check Dam, Stone	2080012	1,279.000	Ft
0330	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0340	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0350	Erosion Control, Maintenance, Sediment Removal	2080026	130.000	Cyd
0360	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0370	Erosion Control, Sediment Trap	2080034	80.000	Ea
0380	Erosion Control, Silt Fence	2080036	8,545.000	Ft
0390	Project Cleanup	2090001	1.000	LSUM
0400	Subbase, CIP	3010002	35,131.000	Cyd
0410	Aggregate Base, 6 inch	3020016	38,512.000	Syd
0420	Open-Graded Dr Cse, CIP	3030030	2,430.000	Cyd
0430	_ Shoulder, CI II, 6 inch, Modified	3077011	4,423.000	Syd
0440	Geotextile, Separator	3080005	1,160.000	Syd
0450	Culv End Sect, 12 inch	4010012	3.000	Ea
0460	Culv End Sect, 18 inch	4010018	1.000	Ea
0470	Culv End Sect, 24 inch	4010024	2.000	Ea
0480	Culv End Sect, 30 inch	4010030	1.000	Ea
0490	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0500	Culv, CI E, 18 inch	4010541	54.000	Ft
0510	Culv, CI E, 24 inch	4010542	350.000	Ft
0520	Culv, CI E, Conc, 12 inch	4010573	29.000	Ft
0530	Culv, CI E, Conc, 18 inch	4010575	25.000	Ft
0540	Culv, CI E, Conc, 24 inch	4010576	25.000	Ft
0550	Culv, CI E, Conc, 48 inch	4010580	27.000	Ft
0560	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0570	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	3.000	Ea
0580	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	1.000	Ea
0590	Steel Casing Pipe, 36 inch, Jacked in Place	4011160	171.000	Ft
0600	Sewer, CI A, 12 inch, Tr Det B	4020033	481.000	Ft
0610	Sewer, CI A, 24 inch, Tr Det B	4020036	351.000	Ft
0620	Sewer, CI A, 30 inch, Tr Det B	4020037	501.000	Ft
0630	Sewer, CI V, 72 inch, Jacked in Place	4021196	393.000	Ft
0640	Trench Undercut and Backfill	4021260	50.000	Cyd
0650	Dr Structure Cover, Type B	4030010	2.000	Ea
0660	Dr Structure Cover, Type E	4030035	6.000	Ea
0670	Dr Structure Cover, Type G	4030040	4.000	Ea
0680	Dr Structure, 24 inch dia	4030200	2.000	Ea
0690	Dr Structure, 48 inch dia	4030210	8.000	Ea
0700	Dr Structure, 72 inch dia	4030230	1.000	Ea

0710	Dr Structure, 96 inch dia	4030234	1.000	Ea
0720	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	7.000	Ft
0730	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	1.000	Ft
0740	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	17.000	Ft
0750	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	5.000	Ft
0760	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0770	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0780	Dr Structure, Temp Lowering	4030390	5.000	Ea
0790	_ Wick Drain	4037001	63,780.000	Ft
0800	_ Wick Drain, Pre-Drilling	4037001	35,360.000	Ft
0810	_ Wick Drain, Equipment	4037051	1.000	LSUM
0820	Underdrain, Bank, 6 inch	4040003	50.000	Ft
0830	Underdrain, Subbase, 6 inch	4040063	7,135.000	Ft
0840	Underdrain, Subgrade, 6 inch	4040073	2,000.000	Ft
0850	Underdrain Outlet, 6 inch	4040093	790.000	Ft
0860	Underdrain, Outlet Ending, 6 inch	4040113	55.000	Ea
0870	Cold Milling HMA Surface	5010002	13,665.000	Syd
0880	HMA Surface, Rem	5010005	10,368.000	Syd
0890	HMA Quality Initiative	5010007	11,138.000	Dlr
0900	Longitudinal Joint Density Quality Initiative	5010018	27,900.000	Dlr
0910	HMA, 3E1	5010044	1,073.000	Ton
0920	HMA, 3E10	5010046	1,075.000	Ton
0930	HMA, 4E1	5010050	1,709.000	Ton
0940	HMA, 4E10	5010052	1,712.000	Ton
0950	_ HMA, Temp Pavt (4E1)	5017031	8,213.000	Ton
0960	Joint, Expansion, E3	6020208	21.000	Ft
0970	_ High Performance Biaxial Geogrid	7007011	23,000.000	Syd
0980	_ Steel Sheet Piling, Temp, Special	7047010	2,940.000	Sft
0990	Conc, Grade S2	7060011	40.000	Cyd
1000	Reinforcement, Steel, Culv and Headwall	7060091	4,152.000	Lb
1010	Liner, PVC, 30 mil	7060209	3,540.000	Syd
1020	_ Contractor Access and Staging Areas	8007051	1.000	LSUM
1030	Guardrail, Type MGS-8	8070004	2,188.000	Ft
1040	Guardrail, Type T, Temp	8070007	3,014.000	Ft
1050	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
1060	Guardrail Approach Terminal, Type 2T, Temp	8070048	3.000	Ea
1070	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
1080	Guardrail Departing Terminal, Type T, Temp	8070056	3.000	Ea
1090	Guardrail Reflector	8070080	106.000	Ea
1100	Guardrail, Reconst, Type T	8070109	3,425.000	Ft
1110	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1120	Fdn, Entire, Truss, Rem	8100240	32.000	Cyd

1130	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	47.000	Ft
1140	Fdn, Truss Sign Structure Type E, 48 inch Dia, Uncased	8100251	47.000	Ft
1150	Fdn, Truss Sign Structure Type E, 54 inch Dia, Cased	8100252	44.000	Ft
1160	Fdn, Truss Sign Structure Type E, 54 inch Dia, Uncased	8100253	44.000	Ft
1170	Fdn, Truss, Rem	8100260	1.000	Ea
1180	Fdn, Wood Support, Rem	8100280	5.000	Ea
1190	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	1.000	Ea
1200	Post, Steel, 3 lb	8100371	78.000	Ft
1210	Post, Wood, 4 inch by 6 inch	8100380	14.000	Ft
1220	Post, Wood, 4 inch by 6 inch, Direct Embedment	8100381	24.000	Ft
1230	Post, Wood, 6 inch by 8 inch, Direct Embedment	8100383	48.000	Ft
1240	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1250	Sign, Type I, Rem	8100391	5.000	Ea
1260	Sign, Type II, Erect, Salv	8100396	3.000	Ea
1270	Sign, Type II, Rem	8100397	3.000	Ea
1280	Sign, Type III, Erect, Salv	8100402	7.000	Ea
1290	Sign, Type III, Rem	8100403	9.000	Ea
1300	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1310	Truss, Rem	8100440	2.000	Ea
1320	Truss, Type E, 90 foot	8100492	1.000	Ea
1330	Truss, Type E, 115 foot	8100497	1.000	Ea
1340	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,620.000	Ft
1350	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,255.000	Ft
1360	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,175.000	Ft
1370	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	14,720.000	Ft
1380	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	13,850.000	Ft
1390	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,540.000	Ft
1400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
1410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
1420	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
1430	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
1440	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
1450	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	4.000	Ea
1460	Conc Barrier Reflector Replacement	8120070	354.000	Ea
1470	Conc Barrier, Temp, Adj	8120080	1,385.000	Ft
1480	Conc Barrier, Temp, Furn	8120081	6,300.000	Ft
1490	Conc Barrier, Temp, Oper	8120082	6,300.000	Ft
1500	Conc Barrier, Temp, Relocated	8120083	560.000	Ft
1510	Delineator, Flexible, Temp, Furn	8120091	73.000	Ea
1520	Delineator, Flexible, Temp, Oper	8120092	73.000	Ea
1530	Glare Screen, Temp	8120094	6,610.000	Ft
1540	Glare Screen, Temp, Relocated	8120095	1,000.000	Ft

1550	Glare Screen, Temp, Complete Section, Replaced	8120096	28.000	Ea
1560	High Intensity Light, Type B, Furn	8120110	1.000	Ea
1570	High Intensity Light, Type B, Oper	8120111	1.000	Ea
1580	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1590	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1600	Ltg for Night Work	8120160	1.000	LSUM
1610	Minor Traf Devices	8120170	1.000	LSUM
1620	Mobile Attenuator	8120180	1.000	Ea
1630	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	24,492.000	Ft
1640	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,684.000	Ft
1650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	30,712.000	Ft
1660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,555.000	Ft
1670	Plastic Drum, Fluorescent, Furn	8120252	218.000	Ea
1680	Plastic Drum, Fluorescent, Oper	8120253	218.000	Ea
1690	Sign Cover	8120310	48.000	Ea
1700	Sign Cover, Type 1	8120320	6.000	Ea
1710	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1720	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1730	Sign, Type A, Temp, Prismatic, Furn	8120340	466.000	Sft
1740	Sign, Type A, Temp, Prismatic, Oper	8120341	466.000	Sft
1750	Sign, Type B, Temp, Prismatic, Furn	8120350	3,680.000	Sft
1760	Sign, Type B, Temp, Prismatic, Oper	8120351	3,680.000	Sft
1770	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	668.000	Sft
1780	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	668.000	Sft
1790	_ Heavy Duty Wrecker	8127050	5.000	Ea
1800	_ Light Duty Wrecker	8127050	15.000	Ea
1810	_ Medium Duty Wrecker	8127050	10.000	Ea
1820	Riprap, Plain	8130010	351.000	Syd
1830	Ditch, Grouted Cobble	8140001	72.000	Syd
1840	Ditch, Plain Cobble	8140005	268.000	Syd
1850	Seeding, Mixture TSM	8160041	300.000	Lb
1860	Slope Restoration, Type A	8160100	19,315.000	Syd
1870	Slope Restoration, Type B	8160101	8,404.000	Syd
1880	Slope Restoration, Type C	8160102	24,198.000	Syd
1890	Slope Restoration, Type D	8160103	11,540.000	Syd
1900	Conduit, Directional Bore, 3 inch	8190044	160.000	Ft
1910	Conduit, Rem	8190140	3,745.000	Ft
1920	Conduit, Schedule 80 PVC, 3 inch	8190159	750.000	Ft
1930	DB Cable, in Conduit, 600V, 1/C#4	8190207	2,385.000	Ft
1940	DB Cable, in Conduit, 600V, 1/C#6	8190211	2,730.000	Ft
1950	DB Cable, in Conduit, Rem	8190220	11,140.000	Ft
1960	Elec Serv, Rem	8190225	1.000	Ea

1970	Cable, Equipment Grounding Wire, 1/C#4	8190234	795.000	Ft
1980	Cable, Equipment Grounding Wire, 1/C#6	8190236	115.000	Ft
1990	Hh, Heavy Duty Cover	8190246	5.000	Ea
2000	Hh, Rem	8190254	13.000	Ea
2010	Tower Ltg Unit, Fdn Cased	8190450	20.000	Ft
2020	Wood Pole, Rem	8190505	5.000	Ea
2030	_ Tower Ltg Unit, Fdn, Rem	8197050	1.000	Ea
2040	_ Tower Ltg Unit, Install Salv	8197050	1.000	Ea
2050	_ Tower Ltg Unit, Rem and Salv	8197050	1.000	Ea
2060	Fdn, Rem	8200065	3.000	Ea
2070	Steel Pole, Rem	8200145	1.000	Ea
2080	Cabinet, Rem	8200184	6.000	Ea
2090	Monument Box	8210001	2.000	Ea
2100	Monument Box Adjust	8210005	2.000	Ea
2110	Monument Preservation	8210010	2.000	Ea
2120	_ Reinf Conc Saddle	8237001	233.000	Ft
2130	Contractor Staking	8240001	1.000	LSUM
2140	Staking Plan Errors and Extras, One Person	8240020	128.000	Hr
2150	Staking Plan Errors and Extras, Two Person	8240021	51.000	Hr
2160	Staking Plan Errors and Extras, Three Person	8240022	77.000	Hr
2170	Microwave Vehicle Detection System, Rem and Salv	8260041	5.000	Ea
2180	Managed Field Ethernet Switch, Rem and Salv	8260084	6.000	Ea
2190	Flowable Fill, Non-Structural	8260148	131.000	Cyd
2200	_ Conduit, Clean and Test	8267001	7,320.000	Ft
2210	_ 4.9 GHz Radio, Rem and Salv	8267050	3.000	Ea
2220	_ Cabinet Equipment, Rem and Salv, Cabinet Monitoring System	8267050	1.000	Ea
2230	_ CCTV Camera, Rem and Salv	8267050	1.000	Ea
2240	_ Solar System, Rem and Salv	8267050	1.000	Ea

Section: 2

2250	Structures, Rem (S09 of 41025)	2040060	1.000	LSUM
2260	Backfill, Structure, CIP	2060002	12,960.000	Cyd
2270	Backfill, Select	2060004	5,450.000	Cyd
2280	Excavation, Fdn	2060010	14,430.000	Cyd
2290	Underdrain, Fdn, 6 inch	4040033	2,490.000	Ft
2300	_ Conc Base Cse, Reinf, Modified	6027021	250.000	Cyd
2310	Pile Driving Equipment, Furn (S17 of 41025)	7050002	1.000	LSUM
2320	Pile Driving Equipment, Furn (S19 of 41025)	7050002	1.000	LSUM
2330	Pile Point, CIP Conc	7050025	174.000	Ea
2340	Pile, CIP Conc, Furn and Driven, 16 inch	7050026	17,040.000	Ft
2350	Pile, Steel, Splice	7050050	222.000	Ea
2360	_ Test Pile, Dynamic Analysis	7057050	12.000	Ea
2370	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	6.000	Ea
2380	Bridge Ltg, Furn and Rem (S17 of 41025)	7060001	1.000	LSUM

2390	Bridge Ltg, Furn and Rem (S19 of 41025)	7060001	1.000	LSUM
2400	Bridge Ltg, Oper and Maintain	7060002	870.000	Cyd
2410	Expansion Joint Device	7060050	142.000	Ft
2420	False Decking	7060060	20,190.000	Sft
2430	Reinforcement, Steel	7060090	55,221.000	Lb
2440	Reinforcement, Steel, Epoxy Coated	7060092	327,515.000	Lb
2450	Substructure Conc, High Performance	7060101	2,322.000	Cyd
2460	Superstructure Conc, Form, Finish, and Cure (S17 of 41025)	7060111	1.000	LSUM
2470	Superstructure Conc, Form, Finish, and Cure (S19 of 41025)	7060111	1.000	LSUM
2480	Superstructure Conc, Form, Finish, and Cure, Night Casting (S17 of 41025)	7060112	1.000	LSUM
2490	Superstructure Conc, Form, Finish, and Cure, Night Casting (S19 of 41025)	7060112	1.000	LSUM
2500	Superstructure Conc, High Performance	7060116	108.000	Cyd
2510	Superstructure Conc, Night Casting, High Performance	7060117	870.000	Cyd
2520	Wall Drain	7060130	60.000	Sft
2530	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	3,680.000	Sft
2540	Mechanically Stabilized Earth Wall, Precast, Install	7060201	3,680.000	Sft
2550	Mechanically Stabilized Earth Wall Coping, Precast	7060206	153.000	Ft
2560	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	153.000	Sft
2570	_ Conc Stone Stain	7067011	700.000	Syd
2580	_ Texturing Conc	7067011	708.000	Syd
2590	Shear Developers (S17 of 41025)	7070040	1.000	LSUM
2600	Shear Developers (S19 of 41025)	7070040	1.000	LSUM
2610	Structural Steel, Plate, Erect	7070060	1,603,545.000	Lb
2620	Structural Steel, Plate, Furn and Fab	7070061	1,603,545.000	Lb
2630	_ Bearing, Elastomeric, 3 1/8 inch	7077008	2,880.000	Sin
2640	_ Bearing, Elastomeric, 3 5/8 inch	7077008	5,536.000	Sin
2650	_ Bearing, Elastomeric, 4 5/8 inch	7077008	3,456.000	Sin
2660	_ Complex Erection (S17 of 41025)	7077051	1.000	LSUM
2670	_ Complex Erection (S19 of 41025)	7077051	1.000	LSUM
2680	Joint Waterproofing	7100001	1,050.000	Sft
2690	Joint Waterproofing, Expansion	7100003	130.000	Sft
2700	Conc Surface Coating, Warranty (S17 of 41025)	7100009	1.000	LSUM
2710	Conc Surface Coating, Warranty (S19 of 41025)	7100009	1.000	LSUM
2720	Reflective Marker, Permanent Barrier	7110003	26.000	Ea
2730	Bridge Railing, Aesthetic, Type 4, Det 1, High Performance	7110050	530.000	Ft
2740	Bridge Railing, Aesthetic, Type 5, Det 1, High Performance	7110053	692.000	Ft
2750	Field Repair of Damaged Coating (S17 of 41025)	7160001	1.000	LSUM
2760	Field Repair of Damaged Coating (S19 of 41025)	7160001	1.000	LSUM
2770	Slope Paving Header	8130015	260.000	Ft

2780	Slope Paving, Conc	8130020	507.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 180713 032

Letting Date: July 13, 2018

Contract ID: 12031-125646

Description: Traffic signal modernization and ADA sidewalk ramps at 10 locations on US-12, I-69BL, M-89, M-37 and I-94BL/M-99 in the cities of Albion, Battle Creek and Coldwater, Branch and Calhoun Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125646A	1800862	N/A	STG 12031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	TS, Bag	8200450	50.000	Ea
0020	TS, Bag, Rem	8200451	50.000	Ea
0030	Mobilization, Max \$154,600.00	1500001	1.000	LSUM
0040	Curb and Gutter, Rem	2040020	219.000	Ft
0050	Curb, Rem	2040021	100.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0070	Pavt, Rem	2040050	28.000	Syd
0080	Sidewalk, Rem	2040055	465.000	Syd
0090	Exploratory Investigation, Vertical	2040080	120.000	Ft
0100	Embankment, CIP	2050010	11.000	Cyd
0110	Excavation, Earth	2050016	64.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	12.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0150	Aggregate Base, 4 inch	3020010	560.000	Syd
0160	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0170	HMA Surface, Rem	5010005	40.000	Syd
0180	HMA Quality Initiative	5010007	18.000	Dlr
0190	Hand Patching	5010025	9.000	Ton
0200	Conc Base Cse, Nonreinf, 7 inch	6020017	45.000	Syd
0210	Lane Tie, Epoxy Anchored	6030030	148.000	Ea
0220	Coating Galvanized Support Structures	7160010	10.000	Ea
0230	_ Pedestrian Path, Temp	8007001	350.000	Ft
0240	_ Pedestrian Ramp, Temp	8007050	16.000	Ea
0250	_ Roadside Unit, Intersection	8007050	8.000	Ea
0260	Curb and Gutter, Conc, Det F4	8020038	24.000	Ft
0270	Detectable Warning Surface	8030010	141.000	Ft

0280	Curb Ramp Opening, Conc	8030030	195.000	Ft
0290	Sidewalk Ramp, Conc, 4 inch	8030034	1,125.000	Sft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	1,381.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	1,573.000	Sft
0320	_ Brick Paver, Install Salv	8037010	165.000	Sft
0330	Shared use Path, HMA	8060040	1.000	Ton
0340	Fence, Protective	8080007	100.000	Ft
0350	Post, Steel, 3 lb	8100371	128.000	Ft
0360	Sign, Type IIIB	8100405	49.000	Sft
0370	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	220.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0400	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0410	Pedestrian Type II Channelizer, Temp	8120027	44.000	Ft
0420	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	240.000	Ft
0460	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	62.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0490	Sign Cover	8120310	8.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	40.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	40.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0540	Fertilizer, Chemical Nutrient, CI A	8160020	69.000	Lb
0550	Mulch Blanket	8160027	130.000	Syd
0560	Seeding, Mixture TUF	8160042	69.000	Lb
0570	Topsoil Surface, Furn, 4 inch	8160062	130.000	Syd
0580	Cable Pole, Sec, Disman	8190006	4.000	Ea
0590	Cable Pole, TS, Disman	8190010	5.000	Ea
0600	Conduit, DB, 1, 1 1/2 inch	8190027	700.000	Ft
0610	Conduit, DB, 1, 3 inch	8190029	165.000	Ft
0620	Conduit, DB, 2, 3 inch	8190032	15.000	Ft
0630	Conduit, DB, 3, 3 inch	8190035	280.000	Ft
0640	Conduit, DB, 4, 3 inch	8190038	100.000	Ft
0650	Conduit, Rem	8190140	315.000	Ft
0660	Hh, Rem	8190254	21.000	Ea
0670	Hh, Round, 3 foot dia	8190259	8.000	Ea
0680	Hh, Round	8190260	29.000	Ea
0690	Luminaire, Rem	8190360	1.000	Ea
0700	Luminaire, Salv	8190370	1.000	Ea

0710	Cable, Sec, 600V, 1, 3/C#6	8190399	1,575.000	Ft
0720	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
0730	Wood Pole, Rem	8190505	4.000	Ea
0740	Conduit, Directional Bore, 1, 3 inch	8190602	165.000	Ft
0750	Conduit, Directional Bore, 2, 3 inch	8190604	405.000	Ft
0760	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	4.000	Ea
0770	Case Sign, Rem	8200020	10.000	Ea
0780	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	1.000	Ea
0790	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0800	Conduit Repr, Under Pavt	8200027	50.000	Ft
0810	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0820	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	17.000	Ea
0830	Controller and Cabinet, Rem	8200030	15.000	Ea
0840	Controller and Cabinet, Digital Type	8200031	8.000	Ea
0850	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
0860	Controller Fdn, Base Mount	8200045	8.000	Ea
0870	Controller Fdn, Rem	8200046	1.000	Ea
0880	Digital Loop Detector	8200055	8.000	Ea
0890	Fdn, Rem	8200065	14.000	Ea
0900	Fish Beacon, Controller and Cabinet, Solid State	8200070	4.000	Ea
0910	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	8.000	Ea
0920	Pedestal, Alum	8200100	16.000	Ea
0930	Pedestal, Fdn	8200105	23.000	Ea
0940	Pedestal Fdn, Rem	8200106	19.000	Ea
0950	Pedestal, Rem	8200110	18.000	Ea
0960	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
0970	Power Co. (Est. Cost to Contractor)	8200116	81,400.000	Dlr
0980	Pushbutton and Sign	8200121	26.000	Ea
0990	Pushbutton, Rem	8200122	8.000	Ea
1000	Pushbutton Pedestal, Alum	8200123	5.000	Ea
1010	Pushbutton Pedestal, Rem	8200124	1.000	Ea
1020	Riser	8200125	4.000	Ea
1030	Serv Disconnect	8200135	11.000	Ea
1040	Serv Disconnect, Rem	8200136	9.000	Ea
1050	Span Wire	8200140	31.000	Ea
1060	Span Wire, Rem	8200141	12.000	Ea
1070	Span Wire Tether	8200142	16.000	Ea
1080	Steel Pole, Rem	8200145	14.000	Ea
1090	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
1100	Traf Loop	8200170	14.000	Ea
1110	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	16.000	Ea
1120	TS, Pedestrian, Pedestal Mtd, Rem	8200181	18.000	Ea
1130	TS, Span Wire Mtd, Rem	8200182	31.000	Ea
1140	Warning Sign	8200260	3.000	Ea

1150	Warning Sign, Rem	8200261	4.000	Ea
1160	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	2.000	Ea
1170	TS, Three Way Span Wire Mtd, One Sect (LED)	8200292	2.000	Ea
1180	TS, One Way Span Wire Mtd (LED)	8200313	59.000	Ea
1190	TS, One Way Span Wire Mtd, FYA (LED)	8200314	5.000	Ea
1200	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1210	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
1220	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
1230	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1240	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1250	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	12.000	Ea
1260	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1270	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	9.000	Ea
1280	Bracket, Truss, With 18 Foot Arm	8200378	5.000	Ea
1290	Bracket, Truss, Salv	8200385	1.000	Ea
1300	Bracket, Truss, Rem	8200388	3.000	Ea
1310	Wireless Interchn, Closed Loop, Salv	8200389	4.000	Ea
1320	Wireless Interchn, Closed Loop, Rem	8200396	4.000	Ea
1330	Wireless Vehicle Detection System	8200422	2.000	Ea
1340	Wireless Vehicle Sensor Node	8200425	15.000	Ea
1350	Hemispherical Video Detection Camera	8200444	1.000	Ea
1360	Hemispherical Video Detection System	8200445	1.000	Ea
1370	Junction Box, Rem	8200457	1.000	Ea
1380	Strain Pole, Steel, 6 bolt, 30 foot	8200460	18.000	Ea
1390	Strain Pole, Steel, 6 bolt, 36 foot	8200461	13.000	Ea
1400	Strain Pole Fdn, 6 Bolt	8200470	363.000	Ft
1410	Casing	8200480	302.000	Ft
1420	Cellular Modem, TS, 4G	8200498	8.000	Ea
1430	Backplate, TS	8200501	40.000	Ea
1440	_ Strain Pole Fdn, Into Rock	8207001	48.000	Ft
1450	_ Pedestal Painting	8207050	3.000	Ea
1460	_ TS, Managed Field Ethernet Switch, Rem	8207050	1.000	Ea
1470	_ TS, Managed Field Ethernet Switch, Salv	8207050	1.000	Ea
1480	_ TS, Wireless Link, Rem	8207050	1.000	Ea
1490	_ TS, Wireless Link, Salv	8207050	1.000	Ea
1500	Contractor Staking, Road Only	8240007	1.000	LSUM
1510	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
1520	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
1530	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr
1540	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1550	_ Managed Field Ethernet Switch, Fiber Capable	8267050	8.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 033

Letting Date: July 13, 2018

Contract ID: 25132-113242

Description: 16.87 mi of hot mix asphalt reconstruction, drainage, interchange reconfiguration, traffic signal upgrades, signing, freeway lighting, pavement markings, noise wall rehabilitation and replacement, bridge removals, deep overlay, deck patching, concrete beam joint replacement, substructure patching, barrier repair, cape sealing and landscaping on I-475 from the I-75 south junction to the I-75 north junction in the cities of Flint and Burton, Genesee County. This project includes a 5 year materials and workmanship pavement warranty, two 2 year pavement performance warranties and a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113242A	1800868	N/A	NH 25132
119085A	1800869	N/A	STI 25132
122207A	1800870	N/A	IMG 25132
122859A	1800885	N/A	IM 25132
126943A	1800879	N/A	ST 25132
132134A	1800886	N/A	IM 25132
133279A	1800887	N/A	ST 25132

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	42,000.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$4,103,500.00	1500001	1.000	LSUM
0080	Clearing	2010001	6.020	Acre
0090	Clearing, Fence	2010002	277.000	Sta
0100	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0110	Tree, Rem, 6 inch to 18 inch	2020004	69.000	Ea
0120	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0130	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0140	Culv, End, Rem, Less than 24 inch	2030005	6.000	Ea
0150	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0160	Dr Structure, Rem	2030011	385.000	Ea
0170	Sewer, Rem, Less than 24 inch	2030015	15,370.000	Ft
0180	Sewer, Rem, 24 inch to 48 inch	2030016	11,793.000	Ft

0190	Sewer, Rem, Over 48 inch	2030017	2,983.000	Ft
0200	Concrete Barrier, Rem	2040010	19,842.000	Ft
0210	Curb and Gutter, Rem	2040020	3,125.000	Ft
0220	Fence, Rem	2040025	26,521.000	Ft
0230	Masonry and Conc Structure, Rem	2040045	415.000	Cyd
0240	Pavt, Rem	2040050	225,016.000	Syd
0250	Sidewalk, Rem	2040055	437.000	Syd
0260	_ Brick Wall, Rem	2047010	156.000	Sft
0270	_ Graffiti/Paint Rem	2047010	8,245.000	Sft
0280	_ Pavt, Rem, Special	2047011	2,628.000	Syd
0290	_ Impact Attenuator, Removal and Disposal	2047050	1.000	Ea
0300	Embankment, CIP	2050010	30,345.000	Cyd
0310	Excavation, Earth	2050016	230,515.000	Cyd
0320	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0330	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0340	Erosion Control, Check Dam, Stone	2080012	451.000	Ft
0350	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0360	Erosion Control, Inlet Protection, Fabric Drop	2080020	307.000	Ea
0370	Erosion Control, Inlet Protection, Sediment Trap	2080024	16.000	Ea
0380	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0390	Erosion Control, Sediment Trap	2080034	52.000	Ea
0400	Erosion Control, Silt Fence	2080036	7,558.000	Ft
0410	_ Permeable Runoff Structure	2087001	622.000	Ft
0420	Subbase, CIP	3010002	133,360.000	Cyd
0430	Aggregate Base, 6 inch	3020016	118,710.000	Syd
0440	Aggregate Base, 12 inch	3020030	92,510.000	Syd
0450	_ Aggregate Base, 15 1/2 inch	3027011	23,325.000	Syd
0460	Open-Graded Dr Cse, 4 inch	3030004	2,655.000	Syd
0470	Maintenance Gravel, LM	3060021	30.000	Cyd
0480	Trenching	3070200	27.000	Sta
0490	_ Shoulder, CI II, Modified	3077031	4,436.000	Ton
0500	Geotextile, Separator	3080005	2,661.000	Syd
0510	Geotextile, Stabilization	3080010	2,800.000	Syd
0520	Culv End Sect, 12 inch	4010012	18.000	Ea
0530	Culv End Sect, 15 inch	4010015	1.000	Ea
0540	Culv End Sect, 18 inch	4010018	1.000	Ea
0550	Culv End Sect, 24 inch	4010024	6.000	Ea
0560	Culv End Sect, 30 inch	4010030	2.000	Ea
0570	Culv, CI A, 24 inch	4010134	420.000	Ft
0580	Culv, CI A, 60 inch	4010140	144.000	Ft
0590	Culv, Downspout, 12 inch	4010795	48.000	Ft
0600	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0610	Culv, Slp End Sect, 1 on 4, 60 inch, Transv	4010938	2.000	Ea
0620	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	1.000	Ea

0630	Dr Marker Post	4011109	145.000	Ea
0640	Outfall Label	4011115	1.000	Ea
0650	Steel Casing Pipe, 36 inch, Jacked in Place	4011160	152.000	Ft
0660	Sewer, CI A, 12 inch, Tr Det B	4020033	8,791.000	Ft
0670	Sewer, CI A, 15 inch, Tr Det B	4020034	2,123.000	Ft
0680	Sewer, CI A, 18 inch, Tr Det B	4020035	1,237.000	Ft
0690	Sewer, CI A, 24 inch, Tr Det B	4020036	1,845.000	Ft
0700	Sewer, CI A, 30 inch, Tr Det B	4020037	1,227.000	Ft
0710	Sewer, CI A, 36 inch, Tr Det B	4020038	2,199.000	Ft
0720	Sewer, CI A, 42 inch, Tr Det B	4020039	2,133.000	Ft
0730	Sewer, CI A, 48 inch, Tr Det B	4020040	864.000	Ft
0740	Sewer, CI A, 54 inch, Tr Det B	4020041	2,637.000	Ft
0750	Sewer, CI A, 60 inch, Tr Det B	4020042	1,053.000	Ft
0760	Sewer, CI A, 66 inch, Tr Det B	4020043	1,028.000	Ft
0770	Sewer, CI A, 72 inch, Tr Det B	4020044	352.000	Ft
0780	Sewer, CI A, 78 inch, Tr Det B	4020045	32.000	Ft
0790	Sewer, CI B, 12 inch, Tr Det B	4020183	1,311.000	Ft
0800	Sewer, CI B, 15 inch, Tr Det B	4020184	106.000	Ft
0810	Sewer, CI B, 24 inch, Tr Det B	4020186	201.000	Ft
0820	Sewer, CI B, 48 inch, Tr Det B	4020190	191.000	Ft
0830	Sewer, CI V, 42 inch, Jacked in Place	4021191	87.000	Ft
0840	Sewer, CI V, 48 inch, Jacked in Place	4021192	212.000	Ft
0850	Sewer, CI V, 54 inch, Jacked in Place	4021193	877.000	Ft
0860	Sewer Tap, 12 inch	4021204	32.000	Ea
0870	Sewer Tap, 15 inch	4021205	22.000	Ea
0880	Sewer Tap, 18 inch	4021206	16.000	Ea
0890	Sewer Tap, 24 inch	4021207	11.000	Ea
0900	Sewer Tap, 30 inch	4021208	1.000	Ea
0910	Sewer Tap, 36 inch	4021209	3.000	Ea
0920	Sewer Tap, 42 inch	4021210	3.000	Ea
0930	Sewer Tap, 48 inch	4021211	20.000	Ea
0940	Sewer Tap, 54 inch	4021212	1.000	Ea
0950	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0960	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0970	Sewer Bulkhead, 54 inch	4021240	2.000	Ea
0980	Video Taping Sewer and Culv Pipe	4021275	19,660.000	Ft
0990	_ Sanitary Sewer, DI, 8 inch, Tr Det F	4027001	80.000	Ft
1000	_ Sanitary Sewer, DI, 8 inch, Tr Det G	4027001	134.000	Ft
1010	_ Sewer, CI V, 24 inch, Jacked in Place	4027001	152.000	Ft
1020	_ Sanitary Structure, 60 inch dia	4027050	3.000	Ea
1030	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
1040	Dr Structure Cover, Type B	4030010	36.000	Ea
1050	Dr Structure Cover, Type CX	4030020	1.000	Ea
1060	Dr Structure Cover, Type DX	4030030	114.000	Ea
1070	Dr Structure Cover, Type E	4030035	9.000	Ea

1080	Dr Structure Cover, Type G	4030040	24.000	Ea
1090	Dr Structure Cover, Type K	4030050	31.000	Ea
1100	Dr Structure Cover, Type Q	4030065	3.000	Ea
1110	Dr Structure Cover, Type VG	4030090	140.000	Ea
1120	Dr Structure, 48 inch dia	4030210	255.000	Ea
1130	Dr Structure, 60 inch dia	4030220	20.000	Ea
1140	Dr Structure, 72 inch dia	4030230	27.000	Ea
1150	Dr Structure, 84 inch dia	4030231	16.000	Ea
1160	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	26.000	Ft
1170	Dr Structure, Add Depth of 84 inch dia, more than 15 foot	4030233	43.000	Ft
1180	Dr Structure, 96 inch dia	4030234	11.000	Ea
1190	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	29.000	Ft
1200	Dr Structure, Add Depth of 96 inch dia, more than 15 foot	4030236	3.000	Ft
1210	Dr Structure, 108 inch dia	4030237	9.000	Ea
1220	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	30.000	Ft
1230	Dr Structure, Add Depth of 108 inch dia, more than 15 foot	4030239	15.000	Ft
1240	Dr Structure, 120 inch dia	4030242	5.000	Ea
1250	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	19.000	Ft
1260	Dr Structure, Add Depth of 120 inch dia, more than 15 foot	4030244	1.000	Ft
1270	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	80.000	Ft
1280	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	41.000	Ft
1290	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	24.000	Ft
1300	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	51.000	Ft
1310	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	4.000	Ft
1320	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
1330	Dr Structure, Tap, 12 inch	4030312	31.000	Ea
1340	Dr Structure, Tap, 15 inch	4030315	15.000	Ea
1350	Dr Structure, Tap, 18 inch	4030318	15.000	Ea
1360	Dr Structure, Tap, 24 inch	4030324	10.000	Ea
1370	Dr Structure, Tap, 48 inch	4030348	10.000	Ea
1380	Mh Base, 54 inch, Type 1	4030411	1.000	Ea
1390	Mh Riser	4030505	24.000	Ft
1400	Mh, Precast Tee, CI II, 54 inch	4030554	1.000	Ea
1410	Mh, Precast Tee, CI II, 66 inch	4030566	2.000	Ea
1420	Mh, Precast Tee, CI II, 72 inch	4030572	1.000	Ea
1430	_ Dr Structure Repair, Add Depth	4037001	9.000	Ft
1440	_ Dr Structure, Add Depth of 144 inch dia, 8 foot to 15 foot	4037001	3.000	Ft

1450	_ Dr Structure Repair, Composite Pavt	4037050	14.000	Ea
1460	_ Dr Structure, 144 inch dia	4037050	1.000	Ea
1470	_ Dr Structure, Repr	4037050	3.000	Ea
1480	Underdrain, Subbase, 6 inch	4040063	141,790.000	Ft
1490	Underdrain, Subbase, 8 inch	4040065	4,000.000	Ft
1500	Underdrain Outlet, 6 inch	4040093	3,440.000	Ft
1510	Underdrain, Outlet Ending, 6 inch	4040113	107.000	Ea
1520	_ Underdrain, Rem	4047001	43,235.000	Ft
1530	Cold Milling HMA Surface	5010002	1,994.000	Syd
1540	HMA Surface, Rem	5010005	34,962.000	Syd
1550	HMA Quality Initiative	5010007	186,886.000	Dlr
1560	Pavt for Butt Joints, Rem	5010008	6,015.000	Syd
1570	Longitudinal Joint Density Quality Initiative	5010018	104,892.000	Dlr
1580	Hand Patching	5010025	585.000	Ton
1590	HMA, 3E3	5010045	5,546.000	Ton
1600	HMA, 3E10	5010046	11,314.000	Ton
1610	HMA, 4E3	5010051	3,855.000	Ton
1620	HMA, 4E10	5010052	8,084.000	Ton
1630	HMA, 5E3	5010057	2,778.000	Ton
1640	HMA, 5E10	5010058	5,797.000	Ton
1650	HMA Approach	5010061	4,419.000	Ton
1660	HMA, Temp Pavt (3E3)	5010804	436.000	Ton
1670	HMA, Temp Pavt (4E3)	5010805	291.000	Ton
1680	HMA, Temp Pavt (5E3)	5010806	1,938.000	Ton
1690	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	3,800.000	Ft
1700	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	3,800.000	Ft
1710	_ HMA Approach, Modified50	5017031	4,750.000	Ton
1720	_ HMA Gap-Graded Superpave, Modified50 (1/2 inch Nominal Max)	5017031	6,474.000	Ton
1730	_ HMA, 3E3, Modified50	5017031	4,590.000	Ton
1740	_ HMA, 3E30, Modified50	5017031	21,020.000	Ton
1750	_ HMA, 4E3, Modified50	5017031	3,379.000	Ton
1760	_ HMA, 4E30, Modified50	5017031	8,087.000	Ton
1770	_ HMA, 5E3, Modified50	5017031	2,900.000	Ton
1780	_ Ride Incentive	5017060	47,615.000	Dlr
1790	Overband Crack Fill, Lane	5020003	6.540	Lnmi
1800	Overband Crack Fill, Ramp	5020004	7.060	Lnmi
1810	Micro-Surface, Single Cse, Warranty	5040020	160,215.000	Syd
1820	Chip Seal, Single, Warranty	5050040	160,215.000	Syd
1830	High Friction Surface Treatment	5060800	2,655.000	Syd
1840	Conc Base Cse, Nonreinf, 9 inch	6020021	679.000	Syd
1850	Conc Pavt, Curing Horizontal Surfaces	6020159	2,509.000	Syd
1860	Joint, Contraction, Cp	6020200	216.000	Ft
1870	Joint, Expansion, E3	6020208	420.000	Ft
1880	Shoulder, Freeway	6020221	2,655.000	Syd

1890	Conc Quality Initiative	6020401	19,050.000	Dlr
1900	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	400.000	Syd
1910	_ Conc Base Cse, Nonreinf, 9 inch, Special	6027001	8,281.000	Ft
1920	_ Conc Base Cse, Nonreinf, Variable Height	6027001	8,129.000	Ft
1930	_ Conc Pavt, Misc, Nonreinf, 7 3/4 inch, High Performance	6027011	390.000	Syd
1940	Cold Milling Conc Pavt	6030014	20,685.000	Syd
1950	Joint, Expansion, Erg	6030021	48.000	Ft
1960	Lane Tie, Epoxy Anchored	6030030	2,355.000	Ea
1970	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,131.000	Syd
1980	Conc, Grade S2	7060011	14.000	Cyd
1990	Reinforcement, Steel, Culv and Headwall	7060091	80.000	Lb
2000	Reflective Marker, Permanent Barrier	7110003	727.000	Ea
2010	_ Sawing and Sealing Vertical Masonary Wall Joints	8007001	700.000	Ft
2020	_ Tuck Pointing	8007001	800.000	Ft
2030	_ Brick, Furn and Install	8007050	7,881.000	Ea
2040	_ Brick, Rem	8007050	7,881.000	Ea
2050	_ Bus Stop, Temp	8007050	4.000	Ea
2060	_ Hh, Clean	8007050	1.000	Ea
2070	_ Managed Field Ethernet Switch, Fiber Capable	8007050	2.000	Ea
2080	_ Masonry Wall Anch System	8007050	228.000	Ea
2090	_ Roadside Unit, Intersection	8007050	2.000	Ea
2100	Curb, Conc, Det G1	8020005	23,303.000	Ft
2110	Curb and Gutter, Bridge Approach	8020010	259.000	Ft
2120	Curb and Gutter, Conc, Det D2	8020031	415.000	Ft
2130	Curb and Gutter, Conc, Det F4	8020038	3,985.000	Ft
2140	Downspout Header, Conc	8020070	2.000	Ea
2150	_ Valley Gutter, Conc, Modified	8027001	32,817.000	Ft
2160	Detectable Warning Surface	8030010	74.000	Ft
2170	Curb Ramp Opening, Conc	8030030	78.000	Ft
2180	Sidewalk Ramp, Conc, 6 inch	8030036	543.000	Sft
2190	Sidewalk, Conc, 4 inch	8030044	17,723.000	Sft
2200	Sidewalk, Conc, 6 inch	8030046	5,771.000	Sft
2210	Conc Barrier, Single Face, Type B	8040002	897.000	Ft
2220	Conc Barrier, Double Face, Type B	8040006	7,722.000	Ft
2230	Conc Barrier, Split, Type B	8040011	2,845.000	Ft
2240	Glare Screen, Conc	8040015	15,677.000	Ft
2250	Glare Screen, Conc, Split	8040016	1,567.000	Ft
2260	Light Std Fdn, Conc Barrier	8040020	50.000	Ea
2270	Conc Barrier Backfill, CIP	8040030	706.000	Cyd
2280	_ Conc Barrier, Double Face, Type B, Modified, Variable Height	8047001	7,811.000	Ft
2290	_ Conc Barrier, Split, Type B, Modified, Variable Height	8047001	318.000	Ft
2300	Guardrail, Type T	8070002	25.000	Ft
2310	Guardrail, Type MGS-8	8070004	4,067.000	Ft

2320	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
2330	Guardrail Anch, Bridge, Det T4	8070025	7.000	Ea
2340	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
2350	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea
2360	Guardrail, Salv	8070075	5,187.000	Ft
2370	Guardrail Reflector	8070080	92.000	Ea
2380	Guardrail, Reconst, Type T	8070109	632.000	Ft
2390	Fence, Chain Link, 48 inch	8080011	15,420.000	Ft
2400	Fence, Chain Link, 72 inch	8080013	10,956.000	Ft
2410	Fence, Moving	8080120	15.000	Ft
2420	Band, Sign	8100010	34.000	Ea
2430	Bridge Sign Connection, Bolt Replacement	8100020	11.000	Ea
2440	Bridge Sign Connection, Conc, Type A1	8100031	105.000	Ea
2450	Bridge Sign Connection, Conc, Type C	8100033	2.000	Ea
2460	Bridge Sign Connection, Steel, Type B	8100061	4.000	Ea
2470	Bridge Sign Connection, Steel, Type C	8100062	10.000	Ea
2480	Bridge Sign Connection, Steel, Type D	8100063	1.000	Ea
2490	Bridge Sign Connection, Steel, Type E	8100064	4.000	Ea
2500	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
2510	Bridge Sign Connection, Steel, Type G	8100066	1.000	Ea
2520	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
2530	Bridge Sign Connection, Type A, Rem	8100080	101.000	Ea
2540	Bridge Sign Connection, Type B, Rem	8100081	6.000	Ea
2550	Bridge Sign Connection, Type C, Rem	8100082	19.000	Ea
2560	Bridge Sign Connection, Type D, Rem	8100083	2.000	Ea
2570	Bridge Sign Connection, Type E, Rem	8100084	8.000	Ea
2580	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
2590	Cantilever, Rem	8100090	1.000	Ea
2600	Cantilever, Type E	8100104	1.000	Ea
2610	Column, Breakaway, W8 x 13	8100120	46.000	Ea
2620	Column, Breakaway, W8 x 18	8100121	6.000	Ea
2630	Delineator Reflector, Red	8100131	228.000	Ea
2640	Delineator Reflector, Green	8100133	174.000	Ea
2650	Delineator Reflector, White	8100134	1,784.000	Ea
2660	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	162.000	Ea
2670	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	54.000	Ea
2680	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	332.000	Ea
2690	Fdn, Breakaway, W8 x 13	8100160	46.000	Ea
2700	Fdn, Breakaway, W8 x 18	8100161	6.000	Ea
2710	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	26.000	Ft
2720	Fdn, Cantilever, Rem	8100190	1.000	Ea
2730	Fdn, Column Breakaway, Rem	8100220	26.000	Ea
2740	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	946.000	Ft

2750	Fdn, Truss, Rem	8100260	16.000	Ea
2760	Fdn, Wood Support, Rem	8100280	301.000	Ea
2770	Installing MDOT Supplied Sign, Type III	8100302	21.000	Ea
2780	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	19.000	Ea
2790	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	13.000	Ea
2800	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
2810	Post, Flexible, Delineator	8100360	386.000	Ea
2820	Post, Rigid, Delineator	8100361	2,044.000	Ea
2830	Post, Steel, 3 lb	8100371	13,459.000	Ft
2840	Post, Wood, 4 inch by 6 inch	8100380	4,737.000	Ft
2850	Post, Wood, 6 inch by 8 inch	8100382	1,826.000	Ft
2860	Sign, Type I, Rem	8100391	129.000	Ea
2870	Sign, Type IA	8100392	13,968.000	Sft
2880	Sign, Type IB	8100393	1,705.000	Sft
2890	Sign, Type II, Rem	8100397	320.000	Ea
2900	Sign, Type IIA	8100398	3,659.000	Sft
2910	Sign, Type IIB	8100399	2,675.000	Sft
2920	Sign, Type III, Rem	8100403	907.000	Ea
2930	Sign, Type IIIA	8100404	1,311.000	Sft
2940	Sign, Type IIIB	8100405	2,316.000	Sft
2950	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2960	Sign, Type VB	8100425	1,549.000	Sft
2970	Truss, Rem	8100440	13.000	Ea
2980	Truss, Type E, 55 foot	8100485	1.000	Ea
2990	Truss, Type E, 65 foot	8100487	2.000	Ea
3000	Truss, Type E, 70 foot	8100488	2.000	Ea
3010	Truss, Type E, 75 foot	8100489	2.000	Ea
3020	Truss, Type E, 80 foot	8100490	1.000	Ea
3030	Truss, Type E, 85 foot	8100491	2.000	Ea
3040	Truss, Type E, 90 foot	8100492	2.000	Ea
3050	Truss, Type E, 95 foot	8100493	1.000	Ea
3060	Truss, Type E, 100 foot	8100494	1.000	Ea
3070	Reflective Panel for Permanent Sign Support, 3 foot	8100613	198.000	Ea
3080	Reflective Panel for Permanent Sign Support, 6 foot	8100616	116.000	Ea
3090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	510.000	Ft
3100	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	255.000	Ft
3110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	320.000	Ft
3120	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	4.000	Ea
3130	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	18.000	Ft
3140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
3150	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea

3160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
3170	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	9,565.000	Ft
3180	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	47,730.000	Ft
3190	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	46,130.000	Ft
3200	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	14,235.000	Ft
3210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,140.000	Ft
3220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	900.000	Ft
3230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	36,390.000	Ft
3240	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	36,940.000	Ft
3250	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,915.000	Ft
3260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	900.000	Ft
3270	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	60.000	Ft
3280	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	450.000	Ft
3290	Rem Raised Pavt Marker	8110332	10.000	Ea
3300	Rem Spec Mrkg	8110343	302.000	Sft
3310	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
3320	Recessing Pavt Mrkg, Longit	8110450	107,300.000	Ft
3330	Recessing Pavt Mrkg, Turning Guide Line	8110452	9.000	Sft
3340	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	10,695.000	Ft
3350	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	43,480.000	Ft
3360	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	7,150.000	Ft
3370	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	3,975.000	Ft
3380	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	43,185.000	Ft
3390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	33.000	Ea
3400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	33.000	Ea
3410	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	545.000	Ea
3420	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	545.000	Ea
3430	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	6.000	Ea
3440	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
3450	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
3460	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	10.000	Ea
3470	Conc Barrier Ending, Temp, Detail 4, Adj	8120050	7.000	Ea
3480	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	2.000	Ea
3490	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	2.000	Ea
3500	Conc Barrier Ending, Temp, Detail 4, Relocated	8120053	11.000	Ea
3510	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
3520	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
3530	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
3540	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	4.000	Ea
3550	Conc Barrier, Temp, Adj	8120080	3,240.000	Ft
3560	Conc Barrier, Temp, Furn	8120081	21,485.000	Ft
3570	Conc Barrier, Temp, Oper	8120082	21,485.000	Ft
3580	Conc Barrier, Temp, Relocated	8120083	5,420.000	Ft

3590	High Intensity Light, Type B, Furn	8120110	7.000	Ea
3600	High Intensity Light, Type B, Oper	8120111	7.000	Ea
3610	Lighted Arrow, Type C, Furn	8120140	13.000	Ea
3620	Lighted Arrow, Type C, Oper	8120141	13.000	Ea
3630	Ltg for Night Work	8120160	1.000	LSUM
3640	Minor Traf Devices	8120170	1.000	LSUM
3650	Mobile Attenuator	8120180	3.000	Ea
3660	Pavt Mrkg Cover, Type R, Black	8120200	4,090.000	Ft
3670	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	84,365.000	Ft
3680	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	8,495.000	Ft
3690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	46,930.000	Ft
3700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	82,585.000	Ft
3710	Plastic Drum, Fluorescent, Furn	8120252	1,208.000	Ea
3720	Plastic Drum, Fluorescent, Oper	8120253	1,208.000	Ea
3730	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	200.000	Ft
3740	PTS System, Temp, Furn	8120270	1.000	Ea
3750	PTS System, Temp, Oper	8120271	1.000	Ea
3760	Sign Cover	8120310	62.000	Ea
3770	Sign Cover, Type 1	8120320	26.000	Ea
3780	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	26.000	Ea
3790	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	26.000	Ea
3800	Sign, Type A, Temp, Prismatic, Furn	8120340	914.000	Sft
3810	Sign, Type A, Temp, Prismatic, Oper	8120341	914.000	Sft
3820	Sign, Type B, Temp, Prismatic, Furn	8120350	6,982.000	Sft
3830	Sign, Type B, Temp, Prismatic, Oper	8120351	6,982.000	Sft
3840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	820.000	Sft
3850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	820.000	Sft
3860	Traf Regulator Control	8120370	1.000	LSUM
3870	_ Temp Rumble Strips (Orange)	8127001	1,620.000	Ft
3880	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	30.000	Ea
3890	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	30.000	Ea
3900	Riprap, Heavy	8130005	27.000	Syd
3910	Riprap, Plain	8130010	48.000	Syd
3920	Site Preparation, Max \$16,200.00	8150001	1.000	LSUM
3930	Watering and Cultivating, First Season, Min \$7,900.00	8150002	1.000	LSUM
3940	Watering and Cultivating, Second Season, Min \$9,700.00	8150003	1.000	LSUM
3950	Acer rubrum Red Sunset, 2 inch	8150145	25.000	Ea
3960	Liriodendron tulipifera, 2 inch	8152177	25.000	Ea
3970	Nyssa sylvatica, 2 inch	8152513	25.000	Ea
3980	Picea abies, 4 foot	8152740	44.000	Ea
3990	Picea glauca Densata, 4 foot	8152754	45.000	Ea

4000	Platanus x acerifolia Bloodgood, 2 inch	8152885	25.000	Ea
4010	Quercus bicolor, 2 inch	8153044	25.000	Ea
4020	Ulmus americana Valley Forge, 2 inch	8153912	25.000	Ea
4030	_ Limestone Cap	8157001	117.000	Ft
4040	_ Brick Wall, Install	8157010	156.000	Sft
4050	_ Limestone Cap, Reinstall	8157050	226.000	Ea
4060	_ Limestone Pier Cap	8157050	13.000	Ea
4070	_ Limestone Pier Cap, Reinstall	8157050	115.000	Ea
4080	_ Turf Establishment, Performance	8167011	123,900.000	Syd
4090	Cable, Rem	8190016	1,300.000	Ft
4100	Conduit, DB, 1, 1 1/2 inch	8190027	310.000	Ft
4110	Conduit, DB, 1, 3 inch	8190029	380.000	Ft
4120	Conduit, DB, 3, 3 inch	8190035	190.000	Ft
4130	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
4140	Conduit, Directional Bore, 2 inch	8190042	855.000	Ft
4150	Conduit, Directional Bore, 3 inch	8190044	605.000	Ft
4160	Conduit, Rem	8190140	18,338.000	Ft
4170	Conduit, Schedule 80 PVC, 2 inch	8190157	5,945.000	Ft
4180	Conduit, Schedule 80 PVC, 3 inch	8190159	18,145.000	Ft
4190	DB Cable, in Conduit, 600V, 1/C#4	8190207	8,030.000	Ft
4200	DB Cable, in Conduit, 600V, 1/C#6	8190211	68,415.000	Ft
4210	DB Cable, in Conduit, 600V, 1/C#10	8190213	7,850.000	Ft
4220	Elec Serv, Rem	8190225	1.000	Ea
4230	Cable, Equipment Grounding Wire, 1/C#4	8190234	1,555.000	Ft
4240	Cable, Equipment Grounding Wire, 1/C#6	8190236	23,325.000	Ft
4250	Cable, Equipment Grounding Wire, 1/C#8	8190237	100.000	Ft
4260	Cable, Equipment Grounding Wire, 1/C#10	8190238	5,975.000	Ft
4270	Hh, Heavy Duty Cover	8190246	113.000	Ea
4280	Hh, Rem	8190254	89.000	Ea
4290	Hh, Round, 3 foot dia	8190259	2.000	Ea
4300	Hh, Round	8190260	6.000	Ea
4310	Light Std Arm, 12 foot	8190268	25.000	Ea
4320	Light Std Arm, 17 foot	8190270	4.000	Ea
4330	Light Std Arm, Install Salv	8190276	16.000	Ea
4340	Light Std Arm, Rem	8190277	66.000	Ea
4350	Light Std Arm, Rem and Salv	8190278	16.000	Ea
4360	Light Std Fdn	8190279	48.000	Ea
4370	Light Std Fdn, Rem	8190280	26.000	Ea
4380	Light Std, Frangible Transformer Base	8190281	25.000	Ea
4390	Light Std, Frangible Transformer Base, Rem	8190282	4.000	Ea
4400	Light Std Shaft, 30 foot or less	8190285	29.000	Ea
4410	Light Std Shaft, 41 foot to 50 foot	8190287	55.000	Ea
4420	Light Std Shaft, Install Salv	8190301	15.000	Ea
4430	Light Std Shaft, Rem	8190305	35.000	Ea
4440	Light Std Shaft, Rem and Salv	8190306	16.000	Ea

4450	Luminaire, Rem	8190360	108.000	Ea
4460	Cable, Sec, 600V, 1, 3/C#6	8190399	150.000	Ft
4470	Wood Pole, CI 4, 35 foot	8190472	1.000	Ea
4480	Wood Pole, Rem	8190505	2.000	Ea
4490	Conduit, Directional Bore, 2, 3 inch	8190604	190.000	Ft
4500	_ DB Cable, in Conduit, 600V, 4, 1/C#6	8197001	430.000	Ft
4510	_ Elec Serv, Horton St	8197050	1.000	Ea
4520	_ Elec Serv, Juliah Avenue	8197050	1.000	Ea
4530	_ Elec Serv, Saginaw Rd	8197050	1.000	Ea
4540	_ Elec, Horton St, Rem	8197050	1.000	Ea
4550	_ Elec, Juliah Avenue, Rem	8197050	1.000	Ea
4560	_ Elec, Saginaw Rd, Rem	8197050	1.000	Ea
4570	_ Hh, Round, Elec	8197050	1.000	Ea
4580	_ Light Std Frangible Transformer Base, Install Salv	8197050	16.000	Ea
4590	_ Light Std Frangible Transformer Base, Rem and Salv	8197050	16.000	Ea
4600	_ Luminaire, Median	8197050	51.000	Ea
4610	_ Luminaire, Ramp	8197050	69.000	Ea
4620	_ Tower Lighting Assembly, Rem	8197050	6.000	Ea
4630	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	1.000	Ea
4640	Case Sign, Four Way, 24 inch by 30 inch, Salv	8200014	1.000	Ea
4650	Case Sign, Rem	8200020	6.000	Ea
4660	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
4670	Controller and Cabinet, Rem	8200030	2.000	Ea
4680	Controller and Cabinet, Digital Type, Master	8200033	2.000	Ea
4690	Case Sign, Salv	8200039	2.000	Ea
4700	Controller Fdn, Base Mount	8200045	2.000	Ea
4710	Global Positioning System Module	8200050	2.000	Ea
4720	Fdn, Rem	8200065	2.000	Ea
4730	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
4740	Pedestal, Alum	8200100	8.000	Ea
4750	Pedestal, Fdn	8200105	8.000	Ea
4760	Power Co. (Est. Cost to Contractor)	8200116	100.000	Dlr
4770	Pushbutton and Sign	8200121	8.000	Ea
4780	Serv Disconnect	8200135	2.000	Ea
4790	Serv Disconnect, Rem	8200136	2.000	Ea
4800	Span Wire	8200140	6.000	Ea
4810	Span Wire, Rem	8200141	2.000	Ea
4820	Span Wire Tether	8200142	6.000	Ea
4830	Steel Pole, Rem	8200145	2.000	Ea
4840	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
4850	TS, One Way Span Wire Mtd (LED)	8200313	12.000	Ea
4860	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
4870	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea

4880	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
4890	TS, Bag	8200450	7.000	Ea
4900	TS, Bag, Rem	8200451	16.000	Ea
4910	TS Head, Adj	8200452	11.000	Ea
4920	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
4930	Strain Pole, Steel, 6 bolt, 36 foot	8200461	5.000	Ea
4940	Strain Pole Fdn, 6 Bolt	8200470	112.000	Ft
4950	Casing	8200480	36.000	Ft
4960	Cellular Modem, TS, 4G	8200498	2.000	Ea
4970	Backplate, TS	8200501	14.000	Ea
4980	Radar Vehicle Presence Stop-Bar Detector System	8200510	2.000	Ea
4990	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	4.000	Ea
5000	Shoulder Corrugations, Ground or Cut, HMA	8220001	121,201.000	Ft
5010	Gate Valve and Box, 6 inch	8230051	2.000	Ea
5020	Gate Valve and Box, 8 inch	8230052	1.000	Ea
5030	Gate Valve and Box, 12 inch	8230054	2.000	Ea
5040	Water Main, DI, 6 inch, Tr Det F	8230150	250.000	Ft
5050	Water Main, DI, 8 inch, Tr Det F	8230155	174.000	Ft
5060	Water Main, DI, 8 inch, Tr Det G	8230156	51.000	Ft
5070	Water Main, DI, 12 inch, Tr Det F	8230165	59.000	Ft
5080	Gate Box, Adj, Case 1	8230431	3.000	Ea
5090	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	121.000	Ft
5100	_ Water Main, HDPE, 6 inch, Directional Bore	8237001	489.000	Ft
5110	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	222.000	Ft
5120	Power Serv, Overhead, 30A, 120/240V	8260104	1.000	Ea
5130	Flowable Fill, Non-Structural	8260148	41.000	Cyd
5140	System Integration and Testing	8260160	1.000	LSUM

Section: 2

5150	Structures, Rem (P02 OF 25132)	2040060	1.000	LSUM
5160	Structures, Rem (P03 OF 25132)	2040060	1.000	LSUM
5170	Structures, Rem Portions (Noise Wall)	2040061	1.000	LSUM
5180	Backfill, Structure, CIP	2060002	471.000	Cyd
5190	Excavation, Fdn	2060010	581.000	Cyd
5200	HMA Patch, Rem	5010006	5.000	Syd
5210	Steel Sheet Piling, Permanent	7040001	420.000	Sft
5220	Conc, Grade D	7060010	37.000	Cyd
5230	Expansion Joint Device	7060050	199.000	Ft
5240	False Decking	7060060	10,408.000	Sft
5250	Reinforcement, Steel, Epoxy Coated	7060092	30,856.000	Lb
5260	Substructure Conc, High Performance	7060101	47.000	Cyd
5270	_ Expansive Waterstop	7067001	69.000	Ft
5280	_ Noise Barrier Wall, Precast Conc, Erect	7067010	13,920.000	Sft
5290	_ Noise Barrier Wall, Precast Conc, Furn	7067010	13,920.000	Sft
5300	_ Texturing Conc	7067011	125.000	Syd

5310	Structural Steel, Mixed, Erect	7070050	71.000	Lb
5320	Structural Steel, Mixed, Furn and Fab	7070051	71.000	Lb
5330	Joint Waterproofing	7100001	280.000	Sft
5340	Conc Surface Coating, Warranty (S38 of 25132)	7100009	1.000	LSUM
5350	Conc Surface Coating	7100011	365.000	Syd
5360	Substructure Horizontal Surface Sealer (S38 of 25132)	7100030	59.000	Syd
5370	Scarifying	7120001	1,157.000	Syd
5380	Hand Chipping, Other Than Deck	7120007	108.000	Cft
5390	Patch, Forming	7120017	274.000	Sft
5400	Bridge Deck Surface Construction	7120025	1,157.000	Syd
5410	Structures, Rehabilitation, Rem Portions (S38 of 25132)	7120070	1.000	LSUM
5420	Deck Joint, Rem	7120071	203.000	Ft
5430	Hydrodemolition, First Pass	7120076	1,157.000	Syd
5440	Hydrodemolition, Second Pass	7120077	47.000	Syd
5450	Reinforcement, Mechanical Splice	7120084	184.000	Ea
5460	Flushing Cracks, Water	7120098	276.000	Ft
5470	Structural Crack, Repr	7120099	276.000	Ft
5480	Patching Conc, C-L	7120112	3.000	Cyd
5490	Embedded Galvanic Anode	7120120	751.000	Ea
5500	_ Hand Chipping, Special	7127010	502.000	Sft
5510	_ Beam End Repair, Latex Modified Conc	7127020	668.000	Cft
5520	_ Conc, Deep Bridge Deck Ovly	7127021	214.000	Cyd
5530	Support, Column, Temp	7130080	59.000	Ea
5540	Drilled Shaft Equipment, Furnished	7180010	1.000	LSUM
5550	Drilled Shaft, 36 inch	7180036	1,200.000	Ft
5560	Slope Paving Header	8130015	633.000	Ft
5570	Slope Paving, Conc	8130020	973.000	Syd



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180713 034

Letting Date: July 13, 2018

Contract ID: 11016-M51802

Description: 13.91 mi of pavement joint and crack repair, detail 7, skip paving and pavement markings on I-94 from the St. Joseph River to I-196, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
M51802	N/A	N/A	M 11016

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Cold Milling HMA Surface	5010002	12,700.000	Syd
0020	Pavt Joint and Crack Repr, Det 7	5010020	7,200.000	Ft
0030	Hand Patching	5010025	1,200.000	Ton
0040	HMA Approach	5010061	755.000	Ton
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	37,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	74,000.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	74,000.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	7,000.000	Ft
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Ltg for Night Work	8120160	1.000	LSUM
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Plastic Drum, Fluorescent, Furn	8120252	1,300.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	1,300.000	Ea
0150	Sign Cover	8120310	10.000	Ea
0160	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0170	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0180	Sign, Type A, Temp, Prismatic, Furn	8120340	67.000	Sft
0190	Sign, Type A, Temp, Prismatic, Oper	8120341	67.000	Sft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	1,232.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,232.000	Sft
0220	Contractor Staking, Road Only	8240007	1.000	LSUM
0230	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0240	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0250	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 035

Letting Date: July 13, 2018

Contract ID: 58151-127463-2

Description: Construction of two wetland mitigation sites, Morin and Wilmoth parcels, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127463A	1758020	HK1702	ST 58151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$102,300.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	_ Agricultural Drain Tile, Trench	2037001	1,250.000	Ft
0040	Structures, Rem	2040060	1.000	LSUM
0050	Embankment, CIP	2050010	926.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	1,700.000	Cyd
0080	_ Earth Excavation, Wetland	2057051	1.000	LSUM
0090	Backfill, Structure, CIP	2060002	250.000	Cyd
0100	Excavation, Fdn	2060010	300.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0130	Erosion Control, Silt Fence	2080036	13,980.000	Ft
0140	Maintenance Gravel, LM	3060021	40.000	Cyd
0150	Approach, CI II, 8 inch	3070030	5,560.000	Syd
0160	Geotextile, Stabilization	3080010	5,560.000	Syd
0170	Culv End Sect, 12 inch	4010012	2.000	Ea
0180	Culv, CI A, 12 inch	4010131	124.000	Ft
0190	_ Culv, Aluminum Box, 15 foot 9 inch(Span) by 8 foot 0 inch (Rise)	4017001	23.000	Ft
0200	_ Stoplog Structure	4017050	2.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0220	Culv Bedding, Box Culv	4060005	17.000	Cyd
0230	_ Bypass Pumping	7047050	1.000	Ea
0240	_ Construction Dam	7047050	1.000	Ea
0250	_ Access Gate	8087050	1.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0290	Riprap, Plain	8130010	125.000	Syd
0300	_ Habitat Structures, Sand Mound	8157050	10.000	Ea
0310	_ Habitat Structures, Snake Hibernaculum	8157050	4.000	Ea
0320	_ Berm and Upland Seed Mixture	8167011	19,000.000	Syd
0330	_ Emergent Wetland Seed Mixture	8167011	163,000.000	Syd
0340	_ Native Pollinator Seed Mixture	8167011	80,000.000	Syd
0350	_ Temp Seed Mixture	8167011	262,000.000	Syd
0360	Contractor Staking	8240001	1.000	LSUM
0370	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0380	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0390	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 036

Letting Date: July 13, 2018

Contract ID: 70000-129674

Description: 4.80 mi of hot mix asphalt cold milling, trenching for widening, bridge deck surface removal and preformed membrane waterproofing, aggregate shoulders, slope restoration, and pavement markings on Osborn Street, Bass Drive and Warner Street, Ottawa County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129674A	1800890	N/A	STL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$188,700.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	171.000	Syd
0030	_ Approach, Class I, Driveway, Modified	2057050	102.000	Ea
0040	_ Approach, Class I, Intersection, Modified	2057050	7.000	Ea
0050	Approach, CI I, 6 inch	3070008	171.000	Syd
0060	_ Trenched Material Disposal	3077002	507.000	Sta
0070	_ Trenching, Modified	3077002	507.000	Sta
0080	_ Shoulder, Class II, Modified	3077011	15,700.000	Syd
0090	Cold Milling HMA Surface	5010002	4,650.000	Syd
0100	Pavt for Butt Joints, Rem	5010008	2,900.000	Syd
0110	HMA, 2C	5010030	3,600.000	Ton
0120	HMA Approach	5010061	500.000	Ton
0130	HMA, LVSP	5010703	15,850.000	Ton
0140	_ Bridge Deck HMA Surface Removal	5017011	204.000	Syd
0150	Membrane, Preformed Waterproofing	7100008	1,836.000	Sft
0160	_ Mailbox Post, Modified	8077050	121.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	51,000.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,000.000	Ft
0200	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,300.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	48.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,200.000	Ft
0260	Plastic Drum, High Intensity, Furn	8120250	510.000	Ea

0270	Plastic Drum, High Intensity, Oper	8120251	510.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	752.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	752.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	_ Slope Restoration	8167011	5,700.000	Syd
0320	_ Gate Box, Adj	8237050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 037

Letting Date: July 13, 2018

Contract ID: 29141-130226

Description: 2.71 mi of hot mix asphalt surfacing, aggregate shoulders, culvert replacement, drainage, slope restoration and pavement markings on Lincoln Road from US-127 east to Baldwin Road, Gratiot County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130226A	1800796	N/A	STL 29141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,600	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Erosion Control, Silt Fence	2080036	100.000	Ft
0050	Aggregate Base, 8 inch	3020020	384.000	Syd
0060	Approach, CI II	3070021	115.000	Ton
0070	Shoulder, CI II	3070121	2,400.000	Ton
0080	Culv End Sect, 12 inch	4010012	3.000	Ea
0090	Culv, CI A, 12 inch	4010131	322.000	Ft
0100	Culv, CI A, 15 inch	4010132	60.000	Ft
0110	Dr Structure Cover, Type G	4030040	3.000	Ea
0120	Dr Structure, 24 inch dia	4030200	3.000	Ea
0130	HMA Surface, Rem	5010005	384.000	Syd
0140	Pavt for Butt Joints, Rem	5010008	800.000	Syd
0150	Hand Patching	5010025	90.000	Ton
0160	HMA, 13A	5010033	4,200.000	Ton
0170	HMA Approach	5010061	160.000	Ton
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,180.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,647.000	Ft
0200	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	432.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	432.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	Riprap, Plain	8130010	60.000	Syd
0290	Slope Restoration, Type A	8160100	320.000	Syd
0300	Monument Box Adjust	8210005	8.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180713 038

Letting Date: July 13, 2018

Contract ID: 14000-202643

Description: 1.03 mi of hot mix asphalt resurfacing and aggregate shoulders on Brownsville Street from M-62 east to the Jefferson township line, Cass County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202643A	1800819	N/A	STL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$11,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	353.000	Ton
0030	Cold Milling HMA Surface	5010002	125.000	Syd
0040	_ HMA, 13A Mod	5017031	1,477.000	Ton
0050	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,648.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,843.000	Ft
0070	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0080	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Plastic Drum, High Intensity, Furn	8120250	109.000	Ea
0110	Plastic Drum, High Intensity, Oper	8120251	109.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	Monument Box Adjust	8210005	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 039

Letting Date: July 13, 2018

Contract ID: 50400-131831

Description: Fiber optic cable installation on various routes countywide, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131831A	1750041	N/A	CMG 50400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$189,600.00	1500001	1.000	LSUM
0020	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0050	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0060	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	100.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	100.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0100	Slope Restoration, Type A	8160100	100.000	Syd
0110	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
0120	Conduit, Directional Bore, 3 inch	8190044	29,400.000	Ft
0130	Hh, Round	8190260	80.000	Ea
0140	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
0150	Wood Pole, Fit Up, TS Cable Pole	8190501	22.000	Ea
0160	Anchor Guy	8200001	1.000	Ea
0170	Strut Guy	8200168	1.000	Ea
0180	_ Fiber Optic, Cable, Single Mode Fiber, 12F, Misc To Cabinet	8207001	21,100.000	Ft
0190	_ Fiber Optic, Cable, Single Mode Fiber, 72F, Existing Conduit	8207001	1,700.000	Ft
0200	_ Fiber Optic, Cable, Single Mode Fiber, 72F, New Conduit	8207001	10,200.000	Ft
0210	_ Fiber Optic, Cable, Single Mode Fiber, 72F, Overhead	8207001	13,000.000	Ft
0220	_ Fiber Optic, Cable, Single Mode Fiber, 72F/144F, Overhead	8207001	20,700.000	Ft
0230	_ Fiber Optic, Cable, Single Mode Fiber, 72F/288F, Existing Conduit	8207001	26,900.000	Ft
0240	_ Fiber Optic, Cable, Single Mode Fiber, 72F/288F, New Conduit	8207001	6,400.000	Ft

0250	_ Fiber Optic, Cable, Single Mode Fiber, 72F/288F, Overhead	8207001	25,800.000	Ft
0260	_ Fiber Optic, Cable, Single Mode Fiber, 72F/360F, Existing Conduit	8207001	1,300.000	Ft
0270	_ Fiber Optic, Cable, Single Mode Fiber, 72F/360F, New Conduit	8207001	3,500.000	Ft
0280	_ Fiber Optic, Cable, Single Mode Fiber, 72F/360F, Overhead	8207001	7,600.000	Ft
0290	_ Fiber Optic, Cable, Single Mode Fiber, 72F/48F, New Conduit	8207001	1,900.000	Ft
0300	_ Fiber Optic, Cable, Single Mode Fiber, 72F/48F, Overhead	8207001	3,900.000	Ft
0310	_ Fiber Optic, Cable, Single Mode Fiber, 72F/72F, Existing Conduit	8207001	200.000	Ft
0320	_ Fiber Optic, Cable, Single Mode Fiber, 72F/72F, New Conduit	8207001	7,200.000	Ft
0330	_ Fiber Optic, Cable, Single Mode Fiber, 72F/72F, Overhead	8207001	27,200.000	Ft
0340	_ Fiber Optic, Hardware Assembly, Aerial, 12T	8207050	46.000	Ea
0350	_ Fiber Optic, Hardware Assembly, Aerial, 144T	8207050	15.000	Ea
0360	_ Fiber Optic, Hardware Assembly, Aerial, 72T	8207050	8.000	Ea
0370	_ Fiber Optic, Hardware Assembly, Cabinet, 12T	8207050	101.000	Ea
0380	_ Fiber Optic, Hardware Assembly, Cabinet, 144T	8207050	3.000	Ea
0390	_ Fiber Optic, Hardware Assembly, Cabinet, 288T	8207050	11.000	Ea
0400	_ Fiber Optic, SFP	8207050	263.000	Ea
0410	_ Fiber Optic, Splice	8207050	526.000	Ea
0420	_ Managed Ethernet Switch, Rack, 16 Cu 2 SFP	8207050	6.000	Ea
0430	_ Managed Ethernet Switch, Rack, 8 Cu 2 SFP	8207050	1.000	Ea
0440	_ Managed Ethernet Switch, Shelf, 16 Cu 2 SFP	8207050	5.000	Ea
0450	_ Managed Ethernet Switch, Shelf, 8 Cu 2 SFP	8207050	12.000	Ea
0460	_ Fiber Optic, Make Ready Costs	8207060	200,000.000	Dlr
0470	Fiber Optic, Splice Cabinet	8260064	8.000	Ea
0480	Fiber Optic, Pigtail	8260071	526.000	Ea
0490	Fiber Optic, Jumper	8260072	526.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 040

Letting Date: July 13, 2018

Contract ID: 77000-129309

Description: Bridge replacements and approach work on Frith Road and Richmond Road over the Holland Drain, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129309A	1800814	N/A	BO 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$70,000.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	18.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0040	Exploratory Investigation, Vertical	2040080	50.000	Ft
0050	Excavation, Earth	2050016	2,043.000	Cyd
0060	_ Embankment, CIP, Modified	2057021	309.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	132.000	Ft
0080	Erosion Control, Silt Fence	2080036	1,878.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	997.000	Cyd
0110	_ Aggregate Base, Modified	3027031	1,450.000	Ton
0120	_ Aggregate Surface Cse, Modified	3067031	550.000	Ton
0130	_ Approach CI II, Modified	3077031	13.000	Ton
0140	_ Shoulder, CI II, Modified	3077031	73.000	Ton
0150	_ Shoulder, Cobble	3077031	103.000	Ton
0160	_ Geotextile Base Reinforcement	3087011	2,550.000	Syd
0170	_ Geotextile Stabilization, Modified	3087011	2,550.000	Syd
0180	Culv, CI A, CSP, 18 inch	4010201	48.000	Ft
0190	Culv, CI F, CSP, 15 inch	4010676	88.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	48.000	Ft
0210	HMA, 13A	5010033	617.000	Ton
0220	HMA Approach	5010061	13.000	Ton
0230	Guardrail, Type B	8070000	325.000	Ft
0240	Guardrail, Backed, Det G2	8070016	4.000	Ea
0250	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0260	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0270	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0280	Guardrail Reflector	8070080	38.000	Ea

0290	Post, Mailbox	8070095	3.000	Ea
0300	_ Guardrail, Curved, Type B, Modified	8077001	114.000	Ft
0310	_ Guardrail, Type B, Modified	8077001	7.000	Ft
0320	_ Hand Digging Guardrail Post	8077050	16.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	422.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	422.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	66.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	66.000	Sft
0400	_ Slope Restoration, Modified	8167011	2,708.000	Syd

Section: 2

0410	Culv, Rem, Over 48 inch	2030003	6.000	Ea
0420	Excavation, Channel	2050015	536.000	Cyd
0430	Backfill, Structure, CIP	2060002	90.000	Cyd
0440	Excavation, Fdn	2060010	2,299.000	Cyd
0450	_ Backfill, Structure, Modified	2067021	1,475.000	Cyd
0460	Erosion Control, Filter Bag	2080014	4.000	Ea
0470	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0480	_ Bypass Pumping	2087050	2.000	Ea
0490	_ Construction Dam	2087050	2.000	Ea
0500	_ GeoGrid Reinforcement	3087011	334.000	Syd
0510	Underdrain, Fdn, 6 inch	4040033	328.000	Ft
0520	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0530	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0540	_ Culv, Aluminum Box, 24 Foot 3 inch by 7 Foot 4 inch	4067001	91.000	Ft
0550	_ Structure Name Plate	7067050	2.000	Ea
0560	Riprap, Plain	8130010	340.000	Syd
0570	_ Riprap, Heavy, Special	8137031	26.000	Ton
0580	_ Riprap, Plain, Special	8137031	113.000	Ton
0590	_ Riprap, Void Fill	8137031	39.000	Ton



Schedule of Pay Items

Report v1

Letting Call: 180713 041

Letting Date: July 13, 2018

Contract ID: 50000-200773

Description: 0.24 mi of concrete crosswalks, curb, gutter, sidewalk and ramps, aggregate base, drainage, landscaping and site furniture on various routes in the city of Mt. Clemens, Macomb County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200773A	1800863	N/A	TAU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursable Permit Fees	1027060	1.000	Dir
0020	Mobilization, Max \$54,300.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	124.000	Ft
0040	Curb, Rem	2040021	79.000	Ft
0050	Sidewalk, Rem	2040055	496.000	Syd
0060	_ Driveway, Conc, Rem	2047011	17.000	Syd
0070	_ Pavt, Clay Brick Pavers, Rem	2047011	506.000	Syd
0080	_ Bollard, Rem	2047050	2.000	Ea
0090	Excavation, Earth	2050016	83.000	Cyd
0100	Granular Material, CI II	2050023	50.000	Cyd
0110	_ Subgrade Undercutting, Modified	2057021	50.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0130	Project Cleanup	2090001	1.000	LSUM
0140	Aggregate Base, 4 inch	3020010	745.000	Syd
0150	Aggregate Base, Conditioning	3020050	986.000	Syd
0160	Maintenance Gravel	3060020	50.000	Ton
0170	Sewer, CI A, 10 inch, Tr Det B	4020032	74.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0190	Dr Structure, 24 inch dia	4030200	2.000	Ea
0200	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0210	Dr Structure, Tap, 10 inch	4030310	2.000	Ea
0220	_ Dr Structure Cover, Catch Basin	4037050	2.000	Ea
0230	_ Dr Structure Cover, Manhole	4037050	1.000	Ea
0240	HMA Surface, Rem	5010005	1,252.000	Syd
0250	Hand Patching	5010025	455.000	Ton
0260	Joint, Expansion, Erg	6030021	248.000	Ft
0270	Joint, Expansion, Esc	6030022	42.000	Ft

0280	Lane Tie, Epoxy Anchored	6030030	510.000	Ea
0290	_ Conc Pavt, Decorative Colored, 9 inch	6037010	6,674.000	Sft
0300	_ Pavt Repr, Nonreinf Conc, 9 inch, Modified	6037011	993.000	Syd
0310	_ Pavt Repr, Rem, Modified	6037011	1,119.000	Syd
0320	Driveway, Nonreinf Conc, 8 inch	8010007	28.000	Syd
0330	Curb and Gutter, Conc, Det F2	8020036	226.000	Ft
0340	Detectable Warning Surface	8030010	245.000	Ft
0350	Curb Ramp Opening, Conc	8030030	309.000	Ft
0360	Sidewalk Ramp, Conc, 4 inch	8030034	6,735.000	Sft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	2,027.000	Sft
0380	_ Sidewalk, Clay Brick Pavers, Rem	8037010	4,084.000	Sft
0390	Post, Steel, 2 lb	8100370	126.000	Ft
0400	Sign, Type I, Erect, Salv	8100390	10.000	Ea
0410	Sign, Type I, Rem	8100391	10.000	Ea
0420	Pavt Mrkg, Waterborne, 4 inch, White	8110231	455.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,280.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	455.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,280.000	Ft
0460	_ Pavt Mrkg, Waterborne, 12 inch, Stop Bar	8117001	122.000	Ft
0470	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	270.000	Ft
0480	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Stop Bar	8117001	122.000	Ft
0490	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	270.000	Ft
0500	_ Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Cross Hatching, Blue	8117001	37.000	Ft
0510	_ Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Cross Hatching, White	8117001	244.000	Ft
0520	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	1,502.000	Ft
0530	_ Pavt Mrkg, Waterborne, 4 inch, Cross Hatching, Blue	8117001	37.000	Ft
0540	_ Pavt Mrkg, Waterborne, 4 inch, Cross Hatching, White	8117001	244.000	Ft
0550	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	1,502.000	Ft
0560	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn Arrow Sym	8117050	6.000	Ea
0570	_ Pavt Mrkg, Waterborne, 2nd Application, Only	8117050	9.000	Ea
0580	_ Pavt Mrkg, Waterborne, 2nd Application, Rt Turn Arrow Sym	8117050	2.000	Ea
0590	_ Pavt Mrkg, Waterborne, 2nd Application, Thru and Rt Turn Arrow, Sym	8117050	1.000	Ea
0600	_ Pavt Mrkg, Waterborne, 2nd Application, Thru Arrow Sym	8117050	3.000	Ea
0610	_ Pavt Mrkg, Waterborne, Lt Arrow, Sym	8117050	6.000	Ea
0620	_ Pavt Mrkg, Waterborne, Only	8117050	9.000	Ea
0630	_ Pavt Mrkg, Waterborne, Rt Arrow, Sym	8117050	2.000	Ea
0640	_ Pavt Mrkg, Waterborne, Thru and Rt Arrow, Sym	8117050	1.000	Ea
0650	_ Pavt Mrkg, Waterborne, Thru Arrow, Sym	8117050	3.000	Ea
0660	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea

0670	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0680	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0690	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0700	Minor Traf Devices	8120170	1.000	LSUM
0710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,255.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,950.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0750	Sign Cover	8120310	4.000	Ea
0760	Sign, Type A, Temp, Prismatic, Furn	8120340	186.000	Sft
0770	Sign, Type A, Temp, Prismatic, Oper	8120341	186.000	Sft
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	139.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	139.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	12.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	12.000	Sft
0820	Traf Regulator Control	8120370	1.000	LSUM
0830	_ Sidewalk Ramp Maintenance, Temp	8127050	16.000	Ea
0840	Site Preparation, Max \$227.50	8150001	1.000	LSUM
0850	Watering and Cultivating, First Season, Min \$115.00	8150002	1.000	LSUM
0860	Watering and Cultivating, Second Season, Min \$140.00	8150003	1.000	LSUM
0870	Pyrus calleryana Cleveland Select, 2 inch	8153015	2.000	Ea
0880	Slope Restoration, Type A	8160100	15.000	Syd
0890	Case Sign Panel	8200003	1.000	Ea
0900	Case Sign Panel, Rem	8200004	1.000	Ea
0910	_ Gate Well, Adj, Add Depth	8237001	7.000	Ft
0920	_ Gate Well Cover, Adj, Case 1	8237050	19.000	Ea
0930	_ Bench	8507050	3.000	Ea
0940	_ Trash Receptacle	8507050	7.000	Ea
0950	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 042

Letting Date: July 13, 2018

Contract ID: 15555-130357

Description: 0.50 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, storm sewer, watermain, aggregate shoulders and pavement markings on Water Street from the west city limits of East Jordan east to M-66 in the city of East Jordan, Charlevoix County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130357A	1800822	N/A	STL 15555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$48,500.00	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	4.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0060	Pavt, Rem	2040050	236.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	Embankment, CIP	2050010	550.000	Cyd
0090	Excavation, Earth	2050016	400.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0110	_ Ditching	2057001	1,671.000	Ft
0120	Erosion Control, Check Dam, Stone	2080012	300.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0140	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0150	Subbase, CIP	3010002	100.000	Cyd
0160	Aggregate Base	3020001	450.000	Ton
0170	Aggregate Base, Conditioning	3020050	1,325.000	Syd
0180	HMA Base Crushing and Shaping	3050002	8,720.000	Syd
0190	Maintenance Gravel	3060020	50.000	Ton
0200	Approach, CI I, 6 inch	3070008	450.000	Syd
0210	Approach, CI II, 6 inch	3070028	1,245.000	Syd
0220	Shoulder, CI II	3070121	90.000	Ton
0230	Trenching	3070200	50.000	Sta
0240	Geotextile, Stabilization	3080010	620.000	Syd
0250	Culv, CI A, 12 inch	4010131	160.000	Ft
0260	Sewer, CI A, 12 inch, Tr Det B	4020033	432.000	Ft
0270	Video Taping Sewer and Culv Pipe	4021275	592.000	Ft

0280	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0290	Dr Structure Cover, Type B	4030010	1.000	Ea
0300	Dr Structure Cover, Type C	4030015	5.000	Ea
0310	Dr Structure Cover, Type K	4030050	1.000	Ea
0320	Dr Structure, 24 inch dia	4030200	1.000	Ea
0330	Dr Structure, 48 inch dia	4030210	5.000	Ea
0340	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0350	HMA Surface, Rem	5010005	1,895.000	Syd
0360	HMA, 4E1	5010050	1,900.000	Ton
0370	HMA Approach	5010061	85.000	Ton
0380	_ Spillway, HMA	5017011	90.000	Syd
0390	Driveway, Nonreinf Conc, 6 inch	8010005	46.000	Syd
0400	Curb and Gutter, Conc, Det F6	8020040	117.000	Ft
0410	Curb Sloped, HMA	8050010	5,070.000	Ft
0420	Post, Mailbox	8070095	22.000	Ea
0430	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0440	Sign, Type III, Rem	8100403	4.000	Ea
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,120.000	Ft
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,020.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,120.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,020.000	Ft
0490	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	22.000	Ft
0500	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	1.000	Ea
0510	_ Pavt Mrkg, Waterborne, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0540	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0550	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0560	Dust Palliative, Applied	8120100	5.000	Ton
0570	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	780.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	780.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	28.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	28.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Riprap, Plain	8130010	75.000	Syd
0680	_ Slope Restoration, Modified	8167011	9,650.000	Syd
0690	Monument Box	8210001	2.000	Ea
0700	Monument Preservation	8210010	2.000	Ea
0710	Protect Corners	8210020	2.000	Ea

0720	Hydrant, Rem	8230091	1.000	Ea
0730	Gate Box, Adj, Case 1	8230431	4.000	Ea
0740	_ Water Main, PVC, 6 inch, Tr Det G	8237001	20.000	Ft
0750	_ Water Main, PVC, 8 inch, Tr Det G	8237001	1,260.000	Ft
0760	_ Water Service, 3/4 inch	8237001	600.000	Ft
0770	_ Connect to Existing Water Main	8237050	5.000	Ea
0780	_ Curb Stop and Box, 3/4 inch	8237050	20.000	Ea
0790	_ Fire Hydrant Assembly	8237050	2.000	Ea
0800	_ Gate Valve and Box, 8 inch, Modified	8237050	6.000	Ea
0810	_ Gate Valve, Rem	8237050	2.000	Ea
0820	_ Tapping Saddle and Corporation Stop, 3/4 inch	8237050	20.000	Ea
0830	_ Water Main Relocation	8237050	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 043

Letting Date: July 13, 2018

Contract ID: 29141-130184

Description: 1.01 mi of hot mix asphalt base crushing, shaping and resurfacing, fill for vertical curve correction, aggregate shoulders and pavement markings on Alger Road from Grant Road north to Hayes Road, Gratiot County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130184A	1800818	N/A	STL 29141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Pavt, Rem	2040050	38.000	Syd
0040	Embankment, LM	2050011	2,086.000	Cyd
0050	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0060	Subbase, CIP	3010002	825.000	Cyd
0070	Aggregate Base	3020001	3,860.000	Ton
0080	HMA Base Crushing and Shaping	3050002	15,633.000	Syd
0090	Approach, CI I	3070001	20.000	Ton
0100	Approach, CI II	3070021	55.000	Ton
0110	Shoulder, CI II	3070121	650.000	Ton
0120	Trenching	3070200	52.000	Sta
0130	Culv End Sect, 12 inch	4010012	4.000	Ea
0140	Culv, CI A, 12 inch	4010131	90.000	Ft
0150	HMA Surface, Rem	5010005	1,352.000	Syd
0160	HMA, 13A	5010033	3,154.000	Ton
0170	HMA Approach	5010061	125.000	Ton
0180	Post, Mailbox	8070095	4.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,710.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,540.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	318.000	Sft

0270	Sign, Type B, Temp, Prismatic, Oper	8120351	318.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Slope Restoration, Type A	8160100	8,220.000	Syd
0300	Monument Box	8210001	2.000	Ea
0310	Monument Box Adjust	8210005	2.000	Ea
0320	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180713 044

Letting Date: July 13, 2018

Contract ID: 79000-202695

Description: 1.25 mi of overband crack filling on South Seeger Street from the south village limits to the north village limits in the village of Cass City, Tuscola County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202695A	1800798	N/A	EMRP 79000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$2,400.00	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	4.200	Lnmi
0030	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0040	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	340.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	340.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 045

Letting Date: July 13, 2018

Contract ID: 38000-130214

Description: 0.67 mi of hot mix asphalt cold milling and resurfacing, drainage, signing and pavement markings on 4th Street from Audubon Boulevard to Horton Road in the city of Jackson, Jackson County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130214A	1800827	N/A	STUL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0050	Dr Structure, Rem	2030011	10.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	252.000	Ft
0070	Curb and Gutter, Rem	2040020	5,621.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0090	Sidewalk, Rem	2040055	63.000	Syd
0100	Exploratory Investigation, Vertical	2040080	50.000	Ft
0110	_ Pavt Sawcut	2047001	2,487.000	Ft
0120	_ Driveway, Rem	2047011	243.000	Syd
0130	_ Pavt, Rem, Modified	2047011	152.000	Syd
0140	Excavation, Earth	2050016	375.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0170	_ Roadway Grading, Special	2057002	17.000	Sta
0180	Obliterate Old Road	2070001	8.000	Sta
0190	Erosion Control, Silt Fence	2080036	2,600.000	Ft
0200	_ Erosion Control, Inlet Protection, Grate Filter, Rectangular	2087050	8.000	Ea
0210	_ Erosion Control, Inlet Protection, Grate Filter, Round	2087050	2.000	Ea
0220	_ Erosion Control, Inlet Protection, Sediment Trap, Rectangular	2087050	33.000	Ea
0230	Project Cleanup	2090001	1.000	LSUM
0240	Aggregate Base, 4 inch	3020010	956.000	Syd
0250	Aggregate Base, 6 inch	3020016	2,657.000	Syd
0260	Aggregate Base, 8 inch	3020020	4,975.000	Syd

0270	Aggregate Base, Conditioning	3020050	1,255.000	Syd
0280	Sewer, CI E, 12 inch, Tr Det B	4020600	628.000	Ft
0290	Sewer Tap, 12 inch	4021204	4.000	Ea
0300	Sewer Tap, 24 inch	4021207	1.000	Ea
0310	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0320	Trench Undercut and Backfill	4021260	5.000	Cyd
0330	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0340	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0350	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0360	_ Catch Basin Cover, Curb	4037050	15.000	Ea
0370	_ Catch Basin, 24 inch dia	4037050	9.000	Ea
0380	_ Catch Basin, 48 inch dia	4037050	6.000	Ea
0390	_ Dr Structure, Temp Lowering, Modified	4037050	2.000	Ea
0400	_ Mh Cover, Std	4037050	1.000	Ea
0410	Pavt, Cleaning	5010001	1.000	LSUM
0420	Cold Milling HMA Surface	5010002	11,909.000	Syd
0430	Hand Patching	5010025	239.000	Ton
0440	HMA, 4E1	5010050	941.000	Ton
0450	HMA, 5E1	5010056	2,036.000	Ton
0460	HMA Approach	5010061	20.000	Ton
0470	_ HMA Surface, Rem, Modified	5017011	10,652.000	Syd
0480	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	940.000	Syd
0490	Cement	6030005	2.000	Ton
0500	Driveway, Nonreinf Conc, 6 inch	8010005	74.000	Syd
0510	Curb and Gutter, Conc, Det F4	8020038	2,986.000	Ft
0520	Driveway Opening, Conc, Det M	8020050	67.000	Ft
0530	_ Curb and Gutter, Conc, Det D1, Modified	8027001	804.000	Ft
0540	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,258.000	Ft
0550	Detectable Warning Surface	8030010	185.000	Ft
0560	Curb Ramp Opening, Conc	8030030	257.000	Ft
0570	Sidewalk Ramp, Conc, 6 inch	8030036	1,630.000	Sft
0580	Sidewalk, Conc, 6 inch	8030046	16,683.000	Sft
0590	Post, Steel, 3 lb	8100371	1,794.000	Ft
0600	Sign, Type II, Rem	8100397	16.000	Ea
0610	Sign, Type IIA	8100398	240.000	Sft
0620	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0630	Sign, Type III, Rem	8100403	102.000	Ea
0640	Sign, Type IIIA	8100404	176.000	Sft
0650	Sign, Type IIIB	8100405	426.000	Sft
0660	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	50.000	Ft
0670	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	268.000	Ft
0680	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	830.000	Ft
0690	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	185.000	Ft

0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0710	Pavt Mrkg, Waterborne, 4 inch, White	8110231	770.000	Ft
0720	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,824.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	770.000	Ft
0740	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,824.000	Ft
0750	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	200.000	Ft
0790	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0800	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0810	Sign Cover	8120310	20.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	494.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	494.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0870	Mulch Blanket	8160027	100.000	Syd
0880	_ Hydromulch	8167011	10,500.000	Syd
0890	_ Topsoil Surface, 4 inch	8167011	10,500.000	Syd
0900	_ Fertilizer, Chemical Nutrient, CI A, Modified	8167030	550.000	Lb
0910	_ Seeding, Mixture THM, Modified	8167030	865.000	Lb
0920	Light Std Arm, 12 foot	8190268	8.000	Ea
0930	Light Std Fdn	8190279	8.000	Ea
0940	Light Std Shaft, 30 foot or less	8190285	8.000	Ea
0950	_ Conductor, THWN, in Conduit, 600V, 1C, #6 AWG	8197001	2,665.000	Ft
0960	_ Conductor, THWN, in Conduit, 600V, 1C, #8 AWG	8197001	2,665.000	Ft
0970	_ Conduit, 2 inch, Sch 80/PVC/PE (Empty)	8197001	1,100.000	Ft
0980	_ Equipment Grounding Conductor, in Conduit, 1C, #8 AWG	8197001	970.000	Ft
0990	_ Hand Hole, Polymer Conc, 11 inch x 17 inch (Open Bottom)	8197050	14.000	Ea
1000	_ Lighting Control Panel, Ground Mtd	8197050	1.000	Ea
1010	_ Luminaire, Streets	8197050	8.000	Ea
1020	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dir
1030	Gate Box, Adj, Temp, Case 1	8230391	2.000	Ea
1040	Gate Box, Adj, Case 1	8230431	2.000	Ea
1050	Gate Box, Adj, Case 2	8230432	2.000	Ea
1060	_ Water Main, 6 inch	8237001	30.000	Ft
1070	_ Hydrant Assembly	8237050	1.000	Ea
1080	_ Hydrant, Rem, Modified	8237050	1.000	Ea
1090	_ Tapping Sleeve, 12 inch x 6 inch	8237050	1.000	Ea
1100	_ Water Service, 1 inch	8237050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 046

Letting Date: July 13, 2018

Contract ID: 56000-129763

Description: 1.16 mi of hot mix asphalt cold milling and resurfacing, shoulder widening, concrete curb, gutter, sidewalk and ramps and drainage on Saginaw Road from Oak Street to Pinesboro Drive in the village of Sanford, Midland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129763A	1800825	N/A	STUL 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	90.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	78.000	Ft
0060	Curb and Gutter, Rem	2040020	41.000	Ft
0070	Pavt, Rem	2040050	52.000	Syd
0080	Sidewalk, Rem	2040055	53.000	Syd
0090	Ditch Cleanout	2050006	28.000	Sta
0100	Embankment, CIP	2050010	90.000	Cyd
0110	Excavation, Earth	2050016	156.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0130	Erosion Control, Silt Fence	2080036	300.000	Ft
0140	_ Aggregate Base, 8 inch, Modified	3027011	191.000	Syd
0150	_ Approach, CI I, 6 inch Modified	3027011	865.000	Syd
0160	_ Approach, CI II, 6 inch, Modified	3027011	74.000	Syd
0170	_ Shoulder, CI II, Modified	3027031	261.000	Ton
0180	Maintenance Gravel	3060020	100.000	Ton
0190	Trenching	3070200	67.000	Sta
0200	_ Geosynthetic Paving Interlayer, Fiberglass Reinf	3087011	500.000	Syd
0210	Sewer, CI A, 12 inch, Tr Det A	4020004	12.000	Ft
0220	Sewer, CI A, 36 inch, Tr Det A	4020009	12.000	Ft
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	131.000	Ft
0240	Sewer, CI A, 36 inch, Tr Det B	4020038	65.000	Ft
0250	Sewer Tap, 18 inch	4021206	1.000	Ea
0260	Sewer Tap, 36 inch	4021209	1.000	Ea
0270	Video Taping Sewer and Culv Pipe	4021275	220.000	Ft

0280	Dr Structure Cover, Type B	4030010	1.000	Ea
0290	Dr Structure Cover, Type G	4030040	4.000	Ea
0300	Dr Structure Cover, Type K	4030050	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	4.000	Ea
0320	Dr Structure, 60 inch dia	4030220	2.000	Ea
0330	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	10.000	Ft
0340	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0350	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
0360	Cold Milling HMA Surface	5010002	28,670.000	Syd
0370	HMA Surface, Rem	5010005	969.000	Syd
0380	Hand Patching	5010025	52.000	Ton
0390	HMA, 5E1	5010056	2,536.000	Ton
0400	HMA Approach	5010061	245.000	Ton
0410	Seal, Single Chip	5050001	27,661.000	Syd
0420	Driveway, Nonreinf Conc, 6 inch	8010005	26.000	Syd
0430	Curb and Gutter, Conc, Det F4	8020038	51.000	Ft
0440	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0450	_ Spillway, Conc, Modified	8027001	5.000	Ft
0460	Detectable Warning Surface	8030010	40.000	Ft
0470	Curb Ramp Opening, Conc	8030030	15.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	493.000	Sft
0490	Sidewalk, Conc, 4 inch	8030044	211.000	Sft
0500	Post, Mailbox	8070095	3.000	Ea
0510	Post, Steel, 3 lb	8100371	176.000	Ft
0520	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0530	Sign, Type III, Rem	8100403	5.000	Ea
0540	Sign, Type IIIB	8100405	54.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	168.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	78.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	38.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,976.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,052.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,976.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,052.000	Ft
0640	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0650	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	786.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	786.000	Ft

0710	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	552.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	552.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft
0770	Traf Regulator Control	8120370	1.000	LSUM
0780	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
0790	Riprap, Plain	8130010	4.000	Syd
0800	_ Turf Establishment, Performance	8167011	810.000	Syd
0810	_ Tack Coat, PG 58-28 Asphalt	8507022	200.000	Gal



Schedule of Pay Items

Report v1

Letting Call: 180713 047

Letting Date: July 13, 2018

Contract ID: 11000-200256

Description: 1.25 mi of hot mix asphalt base crushing, shaping and resurfacing, trench widening, stump removal and pavement markings on Territorial Road west of 4th Street, Berrien County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200256A	1800826	N/A	HRRR 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0050	Pavt, Rem	2040050	50.000	Syd
0060	Embankment, CIP	2050010	200.000	Cyd
0070	Excavation, Earth	2050016	600.000	Cyd
0080	_ Aggregate Base, Modified	3027011	1,000.000	Syd
0090	HMA Base Crushing and Shaping	3050002	2,000.000	Syd
0100	Approach, CI II	3070021	100.000	Ton
0110	Shoulder, CI II	3070121	500.000	Ton
0120	_ Trenching, Modified	3077002	132.000	Sta
0130	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0140	Hand Patching	5010025	25.000	Ton
0150	HMA, 4E1	5010050	2,123.000	Ton
0160	HMA, 5E1	5010056	2,800.000	Ton
0170	HMA Approach	5010061	175.000	Ton
0180	_ HMA Wedge Curb	8057001	1,480.000	Ft
0190	Post, Mailbox	8070095	5.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,200.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0220	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	100.000	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	Sign, Type B, Temp, Prismatic, Furn	8120350	224.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	224.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Riprap, Plain	8130010	5.000	Syd
0310	Slope Restoration, Type A	8160100	5,000.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 048

Letting Date: July 13, 2018

Contract ID: 82457-132537

Description: 0.14 mi of hot mix asphalt shared-use path along Cherry Hill Road west of Ridge Road, Wayne County.
This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132537A	1800788	N/A	TAU 82457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.140	Acre
0030	Curb and Gutter, Rem	2040020	30.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0050	Pavt, Rem	2040050	891.000	Syd
0060	Sidewalk, Rem	2040055	18.000	Syd
0070	Embankment, CIP	2050010	56.000	Cyd
0080	Excavation, Earth	2050016	335.000	Cyd
0090	Aggregate, 6A	2060001	34.000	Cyd
0100	Erosion Control, Filter Bag	2080014	1.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,820.000	Ft
0130	Erosion Control, Turbidity Curtain, Shallow	2080044	40.000	Ft
0140	Aggregate Base, 6 inch	3020016	1,356.000	Syd
0150	Shoulder, CI II, 4 inch	3070126	302.000	Syd
0160	Geotextile, Separator	3080005	1,356.000	Syd
0170	Underdrain, Bank, 4 inch	4040001	1,312.000	Ft
0180	HMA, 13A	5010033	105.000	Ton
0190	HMA, 36A	5010034	65.000	Ton
0200	_ 42 inch Ped Railing, Furn and Install	7117001	59.000	Ft
0210	Curb and Gutter, Conc, Det F2	8020036	10.000	Ft
0220	_ Bumper Block, Rem and Salvage	8027050	12.000	Ea
0230	Detectable Warning Surface	8030010	10.000	Ft
0240	Curb Ramp Opening, Conc	8030030	20.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	80.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	106.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	126.000	Ft
0280	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	25.000	Ft

0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0310	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0320	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	271.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	271.000	Sft
0380	Slope Restoration, Type A	8160100	1,556.000	Syd
0390	_ Well, Abandon	8237050	1.000	Ea

Section: 2

0400	Excavation, Channel	2050015	170.000	Cyd
0410	Subgrade Undercutting, Type II	2050041	28.000	Cyd
0420	Backfill, Structure, CIP	2060002	190.000	Cyd
0430	Excavation, Fdn	2060010	245.000	Cyd
0440	Underdrain, Fdn, 4 inch	4040031	60.000	Ft
0450	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0460	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0470	Conc Pavt, Bridge Approach, Reinf	6020600	32.000	Syd
0480	Cofferdams	7040007	1.000	LSUM
0490	Conc, Low Temperature Protection	7060020	48.000	Cyd
0500	Reinforcement, Steel, Epoxy Coated	7060092	6,694.000	Lb
0510	Substructure Conc	7060100	48.000	Cyd
0520	Water Repellent Treatment, Penetrating	7060140	22.000	Syd
0530	_ 40'x14' Prefabricated Truss, Furn	7077051	1.000	LSUM
0540	_ 40'x14' Prefabricated Truss, Install	7077051	1.000	LSUM
0550	Substructure Horizontal Surface Sealer _Ped Bridge	7100030	12.000	Syd
0560	Riprap, Heavy	8130005	20.000	Syd
0570	Riprap, Plain	8130010	60.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 049

Letting Date: July 13, 2018

Contract ID: 77000-202273

Description: 0.16 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, addition of center left-turn lane, storm sewer, guardrail and pavement markings on Michigan Road at Lapeer Road, St. Clair County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202273A	1800820	N/A	CM 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,100.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	467.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	117.000	Ft
0060	Guardrail, Rem	2040035	75.000	Ft
0070	_ Pavt, Rem, Modified	2047011	437.000	Syd
0080	_ Headwall, Rem	2047050	1.000	Ea
0090	Embankment, CIP	2050010	477.000	Cyd
0100	Excavation, Earth	2050016	470.000	Cyd
0110	_ Machine Grading, Modified	2057051	1.000	LSUM
0120	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Aggregate Base, Modified	3027031	728.000	Ton
0160	_ Approach, CI II, Modified	3077031	11.000	Ton
0170	_ Shoulder, CI II, Modified	3077031	134.000	Ton
0180	Sewer, CI E, 15 inch, Tr Det B	4020601	66.000	Ft
0190	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0200	_ Sewer, CI A, 15 inch, Special	4027001	488.000	Ft
0210	_ Sewer, CI A, 18 inch, Special	4027001	157.000	Ft
0220	_ Sewer, CI A, 24 inch, Special	4027001	117.000	Ft
0230	Dr Structure Cover, Type E	4030035	5.000	Ea
0240	Dr Structure Cover, Type J	4030045	2.000	Ea
0250	Dr Structure, 48 inch dia	4030210	6.000	Ea
0260	Dr Structure, 60 inch dia	4030220	1.000	Ea
0270	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	3.000	Ft

0280	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0290	Cold Milling HMA Surface	5010002	2,222.000	Syd
0300	Hand Patching	5010025	20.000	Ton
0310	HMA, 13A	5010033	109.000	Ton
0320	HMA, 3E10	5010046	424.000	Ton
0330	HMA, 4E10	5010052	283.000	Ton
0340	HMA, 5E10	5010058	243.000	Ton
0350	HMA Approach	5010061	30.000	Ton
0360	Saw Cut, Intermediate	6030090	85.000	Ft
0370	Driveway, Reinf Conc, 6 inch	8010001	60.000	Syd
0380	Curb and Gutter, Conc, Det B2	8020016	800.000	Ft
0390	Driveway Opening, Conc, Det M	8020050	64.000	Ft
0400	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0410	Post, Mailbox	8070095	3.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	58.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	265.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,314.000	Ft
0480	Pavt Mrkg, Waterborne, 6 inch, White	8110233	830.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0520	Plastic Drum, High Intensity, Lighted, Furn	8120260	25.000	Ea
0530	Plastic Drum, High Intensity, Lighted, Oper	8120261	25.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	289.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	289.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	_ Cobble Spillway	8137011	8.000	Syd
0600	_ Slope Restoration, Modified	8167011	2,472.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 050

Letting Date: July 13, 2018

Contract ID: 26022-202048

Description: 10.03 mi of microsurfacing, guardrail upgrades, centerline milling and pavement markings on M-30 easterly to the Gladwin/Bay county Line, Gladwin County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202048A	1800897	N/A	ST 26022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,800.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	805.000	Ton
0030	Micro-Surface, Warranty	5040030	164,710.000	Syd
0040	Guardrail, Type MGS-8	8070004	2,525.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0060	Guardrail, Salv	8070075	3,738.000	Ft
0070	Guardrail Reflector	8070080	48.000	Ea
0080	_ Guardrail Long Span, Det MSG-1	8077050	8.000	Ea
0090	Delineator Reflector, Green	8100133	20.000	Ea
0100	Post, Rigid, Delineator	8100361	20.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,900.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	106,000.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,900.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	106,000.000	Ft
0150	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	200.000	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, Longit, 6 inch or Less Width, Rem	8120210	128,900.000	Ft
0220	Sign Cover	8120310	6.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Monument Box Adjust	8210005	4.000	Ea
0270	Monument Preservation	8210010	4.000	Ea

0280	Centerline Corrugations, Milled, HMA	8220013	52,943.000	Ft
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Schedule of Pay Items

Report v1

Letting Call: 180713 051

Letting Date: July 13, 2018

Contract ID: 63151-202197

Description: 0.01 mi of reconstruction of a railroad crossing including hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, pavement markings, signing and restoration in the city of Pontiac, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202197A	1800880	N/A	STRH 63151

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	229.000	Ft
0030	Pavt, Rem	2040050	1,857.000	Syd
0040	Sidewalk, Rem	2040055	223.000	Syd
0050	Embankment, CIP	2050010	645.000	Cyd
0060	Excavation, Earth	2050016	259.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	15.000	Cyd
0090	Aggregate, 6A	2060001	15.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0130	Erosion Control, Silt Fence	2080036	200.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, 4 inch	3020010	212.000	Syd
0160	Aggregate Base, 6 inch	3020016	626.000	Syd
0170	Geotextile, Stabilization	3080010	20.000	Syd
0180	_ Geotextile, Separator, Non-Woven	3087011	626.000	Syd
0190	Dr Structure Cover, Adj, Case 1, Modified	4030004	20.000	Ea
0200	Dr Structure Cover, Type B	4030010	9.000	Ea
0210	Dr Structure Cover, Type E	4030035	2.000	Ea
0220	Dr Structure Cover, Type K	4030050	4.000	Ea
0230	Dr Structure Cover, Type Q	4030065	3.000	Ea
0240	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0250	Pavt, Cleaning	5010001	1.000	LSUM
0260	Cold Milling HMA Surface	5010002	3,209.000	Syd
0270	HMA Surface, Rem	5010005	1,362.000	Syd

0280	HMA Quality Initiative	5010007	1,638.000	Dlr
0290	Pavt Joint and Crack Repr, Det 7	5010020	100.000	Ft
0300	Hand Patching	5010025	18.000	Ton
0310	HMA Approach	5010061	380.000	Ton
0320	HMA Approach, High Stress	5010520	420.000	Ton
0330	Lane Tie, Epoxy Anchored	6030030	238.000	Ea
0340	_ Pedestrian Path, Temp	8007001	120.000	Ft
0350	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0360	Curb and Gutter, Conc, Det F2	8020036	509.000	Ft
0370	_ Curb and Gutter, Conc, Det F1, Modified	8027001	850.000	Ft
0380	Detectable Warning Surface	8030010	29.000	Ft
0390	Curb Ramp Opening, Conc	8030030	20.000	Ft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	475.000	Sft
0410	Sidewalk, Conc, 4 inch	8030044	807.000	Sft
0420	Fdn, Wood Support, Rem	8100280	1.000	Ea
0430	Post, Steel, 3 lb	8100371	163.000	Ft
0440	Post, Wood, 4 inch by 6 inch	8100380	14.000	Ft
0450	Sign, Type III, Rem	8100403	18.000	Ea
0460	Sign, Type IIIA	8100404	13.000	Sft
0470	Sign, Type IIIB	8100405	66.000	Sft
0480	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	226.000	Ft
0490	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	601.000	Ft
0510	Barricade, Type III, High Intensity, Lighted, Furn	8120022	51.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Oper	8120023	51.000	Ea
0530	Pedestrian Type II Barricade, Temp	8120026	16.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	223.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	223.000	Ea
0600	Sign Cover	8120310	30.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0630	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0640	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	2,678.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	2,678.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,520.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,520.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0700	_ Turf Establishment, Performance	8167011	1,512.000	Syd

0710	Hh, Adj	8190244	2.000	Ea
0720	Gate Box, Adj, Case 1	8230431	3.000	Ea
0730	Contractor Staking, Road Only	8240007	1.000	LSUM
0740	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0750	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0760	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
0770	_ Railroad Protection, at Grade Crossing	8267060	3,000.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 180713 052

Letting Date: July 13, 2018

Contract ID: 22021-202946

Description: 1.52 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps and pavement markings on US-2 from Kent Street southerly to east of Michigan Avenue in the city of Iron Mountain, Dickinson County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202946A	1800905	N/A	NH 22021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	50.000	Ft
0030	Sidewalk, Rem	2040055	153.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	Cold Milling HMA Surface	5010002	53,600.000	Syd
0080	HMA Quality Initiative	5010007	9,104.000	Dlr
0090	Joint and Crack, Cleanout	5010015	275.000	Ft
0100	Longitudinal Joint Density Quality Initiative	5010018	29,499.000	Dlr
0110	Hand Patching	5010025	50.000	Ton
0120	HMA, 5E3	5010057	4,056.000	Ton
0130	HMA Approach	5010061	446.000	Ton
0140	Curb and Gutter, Conc, Det C4	8020023	50.000	Ft
0150	Detectable Warning Surface	8030010	44.000	Ft
0160	Sidewalk, Conc, 4 inch	8030044	250.000	Sft
0170	_ Sidewalk Ramp, Conc, 4 inch, Decorative	8037010	1,124.000	Sft
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,600.000	Ft
0190	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	120.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	708.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,900.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,000.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,900.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,000.000	Ft
0250	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	22.000	Ft
0260	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0270	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	11.000	Ea

0280	Pavt Mrkg, Polyurea, Only	8110410	13.000	Ea
0290	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0300	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
0310	Recessing Pavt Mrkg, Longit	8110450	24,900.000	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	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0350	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,280.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,240.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,280.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,240.000	Ft
0420	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type A	8160100	10.000	Syd
0500	Traf Loop	8200170	7.000	Ea
0510	TS, Bag	8200450	94.000	Ea
0520	TS, Bag, Rem	8200451	94.000	Ea
0530	Monument Box	8210001	1.000	Ea
0540	Monument Preservation	8210010	1.000	Ea
0550	Protect Corners	8210020	8.000	Ea
0560	Water Shutoff, Adj, Case 2	8230422	1.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 053

Letting Date: July 13, 2018

Contract ID: 15012-202902

Description: 3.51 mi of hot mix asphalt cold milling and resurfacing, detail 8 special repairs and sidewalk ramp upgrades and pavement markings on US-31 from Barnard Road to Mercer Boulevard and on M-66 from Stover Road to US-31, Charlevoix County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202902A	1800901	N/A	ST 15012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$140,100.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,850.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0040	Pavt, Rem	2040050	750.000	Syd
0050	Sidewalk, Rem	2040055	1,100.000	Syd
0060	Embankment, LM	2050011	6.000	Cyd
0070	Excavation, Earth	2050016	10.000	Cyd
0080	Machine Grading	2050030	6.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	95.000	Ea
0100	Approach, CI I	3070001	85.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0120	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0130	Dr Structure Cover, Type B	4030010	3.000	Ea
0140	Dr Structure Cover, Type K	4030050	3.000	Ea
0150	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0160	Cold Milling HMA Surface	5010002	90,000.000	Syd
0170	HMA Surface, Rem	5010005	275.000	Syd
0180	HMA Quality Initiative	5010007	17,670.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	45,360.000	Dlr
0200	Hand Patching	5010025	950.000	Ton
0210	HMA, 5E1, High Stress	5010514	7,435.000	Ton
0220	HMA Approach, High Stress	5010520	450.000	Ton
0230	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	1,760.000	Ft
0240	_ Shoulder Gutter, HMA	5017001	20.000	Ft
0250	_ Sidewalk, Wood, Temp	8007001	30.000	Ft
0260	Curb and Gutter, Conc, Det C2	8020021	550.000	Ft
0270	Curb and Gutter, Conc, Det C4	8020023	600.000	Ft

0280	_ Curb, Conc, Det D2, Modified	8027001	60.000	Ft
0290	Detectable Warning Surface	8030010	120.000	Ft
0300	Curb Ramp Opening, Conc	8030030	925.000	Ft
0310	Sidewalk Ramp, Conc, 4 inch	8030034	8,400.000	Sft
0320	_ Detectable Warning Surface, Cast Iron, Special	8037001	480.000	Ft
0330	_ Sidewalk, Brickwork, Rem	8037010	500.000	Sft
0340	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0350	Post, Flexible, Delineator	8100360	8.000	Ea
0360	Post, Steel, 3 lb	8100371	20.000	Ft
0370	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0380	Sign, Type I, Rem	8100391	3.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0410	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,850.000	Ft
0420	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	150.000	Ft
0430	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,850.000	Ft
0440	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	150.000	Ft
0450	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,100.000	Ft
0460	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	38,700.000	Ft
0470	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	28,300.000	Ft
0480	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	1,100.000	Ft
0490	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	38,700.000	Ft
0500	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	28,300.000	Ft
0510	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0520	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	810.000	Ft
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	64.000	Ea
0560	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0570	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0600	Ltg for Night Work	8120160	1.000	LSUM
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0630	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	70.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0660	Sign Cover	8120310	16.000	Ea
0670	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0680	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft

0700	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	144.000	Sft
0720	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	144.000	Sft
0730	Traf Regulator Control	8120370	1.000	LSUM
0740	Fertilizer, Chemical Nutrient, CI A	8160020	43.000	Lb
0750	Mulch Blanket	8160027	900.000	Syd
0760	Seeding, Mixture TDS	8160037	41.000	Lb
0770	Topsoil Surface, Furn, 4 inch	8160062	200.000	Syd
0780	Monument Box Adjust	8210005	1.000	Ea
0790	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0800	Water Shutoff, Adj, Case 2	8230422	6.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 054

Letting Date: July 13, 2018

Contract ID: 75022-202949

Description: 10.31 mi of hot mix asphalt cold milling and resurfacing, shoulder aggregate and pavement markings on US-2 from west of County Road 432 to east of M-77, Schoolcraft County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202949A	1800902	N/A	NH 75022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$229,300.00	1500001	1.000	LSUM
0020	Approach, CI III	3070041	12.000	Ton
0030	Shoulder, CI III	3070141	670.000	Ton
0040	Cold Milling HMA Surface	5010002	274,020.000	Syd
0050	Bump Grinding	5010004	400.000	Syd
0060	HMA Quality Initiative	5010007	47,900.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	21,840.000	Dlr
0080	HMA, 5E1	5010056	23,776.000	Ton
0090	HMA Approach	5010061	335.000	Ton
0100	_ Conduit, Clean and Test	8007001	200.000	Ft
0110	_ Hh, Clean	8007050	2.000	Ea
0120	_ Pavt Sensor, Invasive Condition, Replacement	8007050	2.000	Ea
0130	_ Subsurface Temperature Probe Replacement	8007050	1.000	Ea
0140	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	100.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,165.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,345.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	108,200.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,165.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	40,345.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	108,200.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0230	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0240	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0250	Pavt Mrkg, Thermopl, Rumble Strip	8110470	432.000	Ft
0260	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	5.000	Ea

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,822.000	Ft
0300	Plastic Drum, High Intensity, Furn	8120250	480.000	Ea
0310	Plastic Drum, High Intensity, Oper	8120251	480.000	Ea
0320	Sign Cover	8120310	10.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,382.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,382.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Protect Corners	8210020	1.000	Ea
0370	Centerline Corrugations, Milled, HMA	8220013	54,075.000	Ft
0380	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	108,200.000	Ft
0390	Contractor Staking, Road Only	8240007	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	24.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	15.000	Hr
0430	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 180713 055

Letting Date: July 13, 2018

Contract ID: 70024-202765

Description: 6.76 mi of hot mix asphalt cold milling and resurfacing and pavement repairs on I-196 from Byron Road east to 32nd Avenue in the city of Hudsonville, Ottawa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202765A	1800908	N/A	IM 70024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$152,500.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	102,000.000	Syd
0030	HMA Surface, Rem	5010005	19,000.000	Syd
0040	HMA Quality Initiative	5010007	29,560.000	Dlr
0050	Hand Patching	5010025	3,700.000	Ton
0060	HMA, 5E10	5010058	11,080.000	Ton
0070	_ Conc Pavt Repair, Special	6037011	100.000	Syd
0080	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	11,876.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	47,417.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	47,024.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,940.000	Ft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	Barricade, Type III, High Intensity, Lighted, Furn	8120022	11.000	Ea
0140	Barricade, Type III, High Intensity, Lighted, Oper	8120023	11.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Ltg for Night Work	8120160	1.000	LSUM
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,648.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	508.000	Ea
0210	Plastic Drum, Fluorescent, Oper	8120253	508.000	Ea
0220	Sign Cover	8120310	6.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0250	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0260	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,433.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,433.000	Sft
0290	Shoulder Corrugations, Ground or Cut, HMA	8220001	20,000.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180713 056

Letting Date: July 13, 2018

Contract ID: 81104-201081

Description: Repairs on abutment, pier and beam ends, deck joint sealing, bridge barrier, guardrail, anchorage replacement and pavement markings on various routes, Ingham, Monroe, Livingston and Washtenaw Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201081A	1800914	N/A	NH 81104

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Relocation and Site Cleanup	1077060	7,000.000	Dir
0020	Mobilization, Max \$63,000.00	1500001	1.000	LSUM
0030	Guardrail, Rem	2040035	238.000	Ft
0040	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0050	Erosion Control, Silt Fence	2080036	400.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0070	Cold Milling HMA Surface	5010002	779.000	Syd
0080	HMA, Temp Pavt (5E3)	5010806	66.000	Ton
0090	Guardrail, Type B	8070000	42.000	Ft
0100	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0110	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
0120	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0130	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0140	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0150	Bridge Sign Connection, Type E, Rem	8100084	1.000	Ea
0160	Post, Steel, 3 lb	8100371	30.000	Ft
0170	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0180	Sign, Type I, Rem	8100391	1.000	Ea
0190	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0200	Sign, Type II, Rem	8100397	2.000	Ea
0210	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0220	Sign, Type III, Rem	8100403	2.000	Ea
0230	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0240	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,110.000	Ft
0250	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,052.000	Ft
0260	Pavt Mrkg, Polyurea, 6 inch, White	8110094	5,760.000	Ft
0270	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	4,440.000	Ft

0280	Witness, Log, \$1,000.00	8110350	2,000.000	Dir
0290	Barricade, Type III, High Intensity, Lighted, Furn	8120022	90.000	Ea
0300	Barricade, Type III, High Intensity, Lighted, Oper	8120023	90.000	Ea
0310	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0320	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	7.000	Ea
0330	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea
0340	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
0350	Conc Barrier, Temp, Adj	8120080	2,148.000	Ft
0360	Conc Barrier, Temp, Furn	8120081	2,532.000	Ft
0370	Conc Barrier, Temp, Oper	8120082	2,532.000	Ft
0380	High Intensity Light, Type B, Furn	8120110	8.000	Ea
0390	High Intensity Light, Type B, Oper	8120111	8.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	14.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	14.000	Ea
0420	Ltg for Night Work	8120160	1.000	LSUM
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	13,362.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	16,388.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,016.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	887.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	887.000	Ea
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0500	PTS System, Temp, Furn	8120270	2.000	Ea
0510	PTS System, Temp, Oper	8120271	2.000	Ea
0520	Sign Cover	8120310	34.000	Ea
0530	Sign Cover, Type 1	8120320	2.000	Ea
0540	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0550	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0560	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0570	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	4,911.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	4,911.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	38.000	Sft
0610	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	38.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	Slope Restoration, Type D	8160103	500.000	Syd
0640	Shoulder Corrugations, Ground or Cut, HMA	8220001	3,500.000	Ft

Section: 2

0650	Masonry and Conc Structure, Rem	2040045	56.000	Cyd
0660	Backfill, Structure, CIP	2060002	247.000	Cyd

0670	Excavation, Fdn	2060010	273.000	Cyd
0680	False Decking	7060060	2,004.000	Sft
0690	Reinforcement, Steel, Epoxy Coated	7060092	11,202.000	Lb
0700	Water Repellent Treatment, Penetrating	7060140	19.000	Syd
0710	_ Strip Seal Gland Replacement	7067001	116.000	Ft
0720	Conc Surface Coating (B01 of 58052)	7100010	1.000	LSUM
0730	Conc Surface Coating (S06 of 81103)	7100010	1.000	LSUM
0740	Conc Surface Coating (S10 of 81103)	7100010	1.000	LSUM
0750	Conc Surface Coating (S11 of 47065)	7100010	1.000	LSUM
0760	Conc Surface Coating (S12 of 81104)	7100010	1.000	LSUM
0770	Reflective Marker, Permanent Barrier	7110003	13.000	Ea
0780	Bridge Barrier Railing, Type 4, Modified	7110030	501.000	Ft
0790	Bridge Barrier Railing, Type 5, Modified	7110031	119.000	Ft
0800	Hand Chipping, Other Than Deck	7120007	73.000	Cft
0810	Patch, Forming	7120017	198.000	Sft
0820	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,458.000	Ea
0830	Structures, Rehabilitation, Rem Portions (B01 of 58052)	7120070	1.000	LSUM
0840	Structures, Rehabilitation, Rem Portions (S11 of 47065)	7120070	1.000	LSUM
0850	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0860	Bridge Joint, Revise Compression Seal	7120081	4.000	Ea
0870	Bridge Joints, Clean and Seal (S10 of 81103)	7120095	1.000	LSUM
0880	Patching Conc, C-L	7120112	6.000	Cyd
0890	Embedded Galvanic Anode	7120120	47.000	Ea
0900	_ Hand Chipping, Special	7127010	420.000	Sft
0910	_ Beam End Repair, Latex Modified Conc	7127020	141.000	Cft
0920	Beam Plate, Seal Perimeter	7130010	35.000	Ft
0930	Stiffeners, Furn, Fab, and Erect	7130060	432.000	Lb
0940	Support, Column, Temp	7130080	24.000	Ea
0950	Protective Shield, Utility Pipe	7150025	8.000	Ft
0960	Steel Structure, Cleaning, Partial, Type 4 (B02 of 33061)	7150047	1.000	LSUM
0970	Steel Structure, Coating, Partial, Type 4 (B02 of 33061)	7150048	1.000	LSUM
0980	Slope Paving Header	8130015	178.000	Ft
0990	Slope Paving, Conc	8130020	324.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180713 057

Letting Date: July 13, 2018

Contract ID: 61023-202331

Description: 12.59 mi of hot mix asphalt cold milling and resurfacing on M-46 from Maple Island Road to M-37, Muskegon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202331A	N/A	N/A	GF18 61023
202769A	N/A	N/A	GF18 61023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$278,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	814.000	Ton
0030	Cold Milling HMA Surface	5010002	257,364.000	Syd
0040	HMA Quality Initiative	5010007	52,176.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	106,184.000	Dlr
0060	HMA, 5E3	5010057	25,697.000	Ton
0070	HMA Approach	5010061	391.000	Ton
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0090	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,508.000	Ft
0100	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	27,692.000	Ft
0110	Pavt Mrkg, Polyurea, 6 inch, White	8110094	117,998.000	Ft
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	38.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Recessing Pavt Mrkg, Longit	8110450	147,198.000	Ft
0150	Channelizing Device, 42 inch, Furn	8120030	665.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	665.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,240.000	Ft
0210	Sign Cover	8120310	4.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft

0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	28.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	28.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Protect Corners	8210020	24.000	Ea
0300	Centerline Corrugations, Milled, HMA	8220013	60,928.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 180713 058

Letting Date: July 13, 2018

Contract ID: 611111-126339

Description: Runway 6-24 Rehabilitation and light at the Muskegon County Airport, city of Muskegon, Muskegon County. See Special Notice to Bidders for additional information. All bidders must bid on all items in each of the three sections of the schedule of items, including the REIL and Beacon alternates. The lowest bidder for Section 1, runway 6-24 rehabilitation and lighting will be considered the successful low bidder for this contract. Section 2 and/or Section 3 may be included in the contract with Section 1 at the discretion of the Muskegon County Airport if local funding is available.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126339A	3-26-0071-4218	N/A	FM 611111
129215A	3-26-0071-4218	N/A	FM 611111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions Electrical	1000400	1.000	LSUM
0020	Mobilization and General Conditions Paving	1000400	1.000	LSUM
0030	Safety and Security Electrical	1000410	1.000	LSUM
0040	Safety and Security Paving	1000410	1.000	LSUM
0050	Engineer's Field Office/Laboratory	1000420	1.000	LSUM
0060	Runway Centerline Monument	1000530	2.000	Ea
0070	Misc. Engineer's Field Office / Laboratory Equipment	1007051	1.000	LSUM
0080	Misc. Paving	1007051	1.000	LSUM
0090	Misc. Project Survey and Stakeout - Electrical	1007051	1.000	LSUM
0100	Cold Mill Bituminous Pavement, Specified Thickness	1010230	103,000.000	Syd
0110	Preparation of Existing Pavement	1010280	1.000	LSUM
0120	Misc. Cold Mill Bituminous Pavement, Variable Depth	1017211	4,300.000	Syd
0130	Misc. Cold Mill to Remove Delaminated Pavement	1017211	4,200.000	Syd
0140	Bare Counterpoise Wire, #6, Solid, Installed	1080531	8,100.000	Lft
0150	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	38,000.000	Lft
0160	Misc. Bare Counterpoise Wire #6, Solid, Installed in Trench	1087001	12,700.000	Lft
0170	Misc. Investigation of Existing Airfield Electrical Circuits	1087051	1.000	LSUM
0180	Furnish & Install Specified Electrical Vault Equipment	1090530	1.000	LSUM
0190	Plastic Conduit, 2", Direct Burial	1100614	19,500.000	Lft
0200	Misc. Galvanized Steel Conduit, 2", in Pavement	1107001	250.000	Lft
0210	Misc. HDPE Conduit, 2-2" DIA., Installed by Horizontal Directional Drilling	1107001	3,000.000	Lft
0220	Misc. Airfield Electrical Junction Can	1157050	60.000	Ea

0230	Misc. Remove Existing Electrical Pull Box	1157050	1.000	Ea
0240	Taxiway Guidance Sign, L858, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250701	1.000	Ea
0250	Distance Remaining Sign, L-858B/L858H (L), LED, Pad Mounted, Size and Style as Specified	1250711	5.000	Ea
0260	Relocate Guidance Sign	1250798	1.000	Ea
0270	Misc. Blank Cover for Existing Taxiway Edge Light Base Can	1257050	9.000	Ea
0280	Misc. Change Sign Panel on Existing Airfield Guidance Sign	1257050	1.000	Ea
0290	Misc. Elevated Runway Guard Light Unit in Turf	1257050	2.000	Ea
0300	Misc. High Intensity Runway Light, L862 (HIRL) in Existing Pavement	1257050	8.000	Ea
0310	Misc. High Intensity Runway Light, L862 (HIRL) in Proposed Pavement	1257050	8.000	Ea
0320	Misc. High Intensity Runway Light, L862 (HIRL) in Turf	1257050	58.000	Ea
0330	Misc. Medium Intensity Taxiway Light (No Base), L861T (L)	1257050	2.000	Ea
0340	Misc. Remove Distance Remaining Sign and Foundation	1257050	5.000	Ea
0350	Misc. Remove Existing Base Mounted Edge Light in Turf	1257050	72.000	Ea
0360	Misc. Remove Existing Guidance Sign and Foundation	1257050	7.000	Ea
0370	Misc. Remove Existing Guidance Sign Only	1257050	3.000	Ea
0380	Misc. Remove Existing High Intensity Base Mounted Light in Existing Pavement	1257050	8.000	Ea
0390	Misc. Remove Existing High Intensity Base Mounted Light in Proposed Pavement	1257050	7.000	Ea
0400	Misc. Remove Existing In-Pavement Semi Flush Runway Edge Light	1257050	1.000	Ea
0410	Misc. Remove Existing Sign Foundation	1257050	3.000	Ea
0420	Misc. Retro-Reflective Taxiway Ending Marker	1257050	1.000	Ea
0430	Misc. Support for Follow-up FAA Flight Check	1257051	1.000	LSUM
0440	Unclassified Excavation	1520410	3,600.000	Cyd
0450	Erosion Control, Silt Fence	1560625	800.000	Lft
0460	Misc. Erosion Control, Stabilized Construction Entrance	1567050	1.000	Ea
0470	Misc. Compliance with Pollution, Erosion and Siltation Control	1567051	1.000	LSUM
0480	Crushed Aggregate Base Course, Material as Specified, Compacted in Place	2090520	1,350.000	Cyd
0490	Bituminous Surface Course-Gradation 2	4010638	19,500.000	Ton
0500	Misc. Bituminous True and Level Course - Gradation 3	4017031	8,000.000	Ton
0510	Bituminous Tack Coat	6030510	10,800.000	Gal
0520	Joint Sealing Filler, Material as Specified	6050590	2,500.000	Lft
0530	Airport Pavement Marking, Solid, Black	6200517	33,400.000	Sft
0540	Airport Pavement Marking, 1/2 Rate, Solid, Airport Pavement Marking, 1/2 Rate, Solid,	6200519	96,000.000	Sft
0550	Airport Pavement Marking, Solid, White, With Reflective Beads	6200534	113,700.000	Sft
0560	Airport Pavement Marking, Solid, Yellow, With Reflective Beads	6200535	11,300.000	Sft

0570	Remove Airport Pavement Marking	6200540	3,500.000	Sft
0580	Misc. Airport Pavement Marking, Solid Red, with Reflective Beads	6207010	1,000.000	Sft
0590	Saw Cut Grooves	6210520	83,000.000	Syd
0600	Misc. Soft Digs	8007050	40.000	Ea
0610	Seeding with Mixture and Rate, As Specified	9010517	8.000	Acre
0620	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	3,900.000	Cyd
0630	Wood Fiber Mulch	9080515	8.000	Acre

Section: 2

0640	Bare Counterpoise Wire, #6, Solid, Installed	1080531	750.000	Lft
0650	Underground Cable, 1/C, #8, 600V, L824 Type C, Installed	1080562	750.000	Lft
0660	Plastic Conduit, 2", Direct Burial	1100614	750.000	Lft
0670	Misc. Airfield Electrical Junction Can	1157050	2.000	Ea
0680	Runway End Identifier Light System (REIL), L849, Type and Style as Specified	1250810	1.000	Set
0690	Remove Existing Runway End Identifier Light System (REIL), as Specified	1250825	1.000	SET

Section: 3

0700	Airport Light Beacon, L802A, as specified	1010520	1.000	Ea
0710	Airport Beacon Tower, Type and Height as Specified	1030530	1.000	Ea
0720	Misc. Removal of Existing Airport Light Beacon, Tower and Foundation	1037051	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 059

Letting Date: July 13, 2018

Contract ID: 37000-202776

Description: 11.50 mi of railroad track work consisting of Continuous Welded Rail (CWR) installation, rail joint elimination, crosstie installation, and track surfacing on MDOT owned rail line from railroad milepost 166.50 to railroad milepost 178.00 (approximately 0.54 miles north of Herrick road crossing) in Isabella county.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202776A	N/A	N/A	CTFR 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max. ____ \$441000.00	9150001	1.000	LSUM
0020	Ballast #4	9300003	10,000.000	Ton
0030	Tie, 7"	9400002	380.000	Ea
0040	Tie, Switch	9400003	150.000	Mbm
0050	Tie, Install	9400004	380.000	Ea
0060	Tie, Install Switch	9400005	20.000	Ea
0070	Tie Removal	9410001	380.000	Ea
0080	Tie Plate, Insulated	9500003	4.000	Ea
0090	Joint, Insulated, 110#	9500009	16.000	Set
0100	Joint, Insulated, 115#	9500011	12.000	Set
0110	Rail Anchor, 90#	9500028	10.000	Ea
0120	Rail Anchor, 110#	9500031	18,500.000	Ea
0130	Rail Anchor, 115#	9500033	32,000.000	Ea
0140	Track, Surface and Align	9600001	60,700.000	Tft
0150	Rail, 110#	9640019	5.000	Ton
0160	Field Weld Kit	9660001	70.000	Ea
0170	Compromise Weld Kit	9660005	50.000	Ea
0180	Track, Gauging	9680001	300.000	Tft
0190	Track, Benching	9690001	61,000.000	Ft
0200	Turnout, UG, Steel, #8, 115#	9770035	1.000	Ea
0210	Signal Conduit	9860001	180.000	Ft
0220	Bond Strand	9870001	400.000	Ft
0230	Rail Bond	9870002	10.000	Ea
0240	Aggregate Base, LM	9890001	40.000	Cyd
0250	_ Rail Anchor, 127#	9997001	9,500.000	Ea
0260	_ Tie Plate, Double Shoulder, 127 DUDLEY	9997001	3,200.000	Ea
0270	_ Tie Plate, Double Shoulder, 5.5 inch rail base	9997001	31,000.000	Ea

0280	_ Turnout, UG, Steel, Insul, #8, 115#	9997001	1.000	Ea
0290	_ Continuous Welded Rail Installation	9997002	35,200.000	Ft
0300	_ Rail Joint Elimination, Crop-Slide-Weld	9997002	90,000.000	Ft
0310	_ Rail, 127#	9997002	500.000	Ft
0320	_ Joint, Insulated, 127#	9997006	12.000	Set
0330	_ Tie Disposal	9997007	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 060

Letting Date: July 13, 2018

Contract ID: 34141-123596

Description: 0.59 mi of hot mix asphalt resurfacing and concrete sidewalk ramps on Bridge Street from the south village limit of Saranac to Church Street in the village of Saranac, Ionia County. This is a local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123596A	1800817	N/A	STL 34141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,900.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	430.000	Syd
0030	_ Curb and Gutter, Rem, Modified	2047001	310.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0050	Aggregate Base, 8 inch	3020020	65.000	Syd
0060	Maintenance Gravel, LM	3060021	10.000	Cyd
0070	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0080	_ Dr Structure Cover, Type ADA	4037050	1.000	Ea
0090	_ Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0100	Cold Milling HMA Surface	5010002	11,500.000	Syd
0110	Hand Patching	5010025	15.000	Ton
0120	HMA, 4C	5010032	1,400.000	Ton
0130	_ Sawing and Sealing Reference Joint	5017001	200.000	Ft
0140	_ Memorial Plaque, Reinstall	7067050	1.000	Ea
0150	_ Memorial Plaque, Salvage	7067050	1.000	Ea
0160	Curb, Conc, Det E2	8020002	25.000	Ft
0170	Curb and Gutter, Conc, Det F4	8020038	45.000	Ft
0180	Detectable Warning Surface	8030010	70.000	Ft
0190	Curb Ramp Opening, Conc	8030030	265.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	2,000.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	1,300.000	Sft
0220	Curb Sloped, HMA	8050010	4,000.000	Ft
0230	Post, Steel, 3 lb	8100371	32.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	450.000	Ft
0250	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	120.000	Ft
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0270	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	300.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	300.000	Ft
0300	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	20.000	Ft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0340	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0350	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	300.000	Ft
0390	Plastic Drum, High Intensity, Furn	8120250	90.000	Ea
0400	Plastic Drum, High Intensity, Oper	8120251	90.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Slope Restoration	8167011	1,000.000	Syd
0450	Hh, Adj	8190244	4.000	Ea
0460	Monument Box	8210001	1.000	Ea
0470	Monument Box Adjust	8210005	1.000	Ea
0480	Monument Preservation	8210010	1.000	Ea
0490	Gate Box, Adj, Case 1	8230431	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 180713 061

Letting Date: July 13, 2018

Contract ID: 12000-130066

Description: 3.96 mi of hot mix asphalt resurfacing and pavement markings on Jonesville Road from Fremont Road to Quincy Grange Road, Branch County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130066A	1800829	N/A	STL 12000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$27,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	475.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	515.000	Syd
0050	HMA, LVSP	5010703	4,650.000	Ton
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	42,000.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,375.000	Ft
0080	Channelizing Device, 42 inch, Furn	8120030	105.000	Ea
0090	Channelizing Device, 42 inch, Oper	8120031	105.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	840.000	Ft
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	464.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	464.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 180713 062

Letting Date: July 13, 2018

Contract ID: 82112-201072

Description: Substructure repair and joint replacement on various routes in the cities of Detroit, Southfield and St. Clair Shores, Oakland, Macomb and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201072A	1800906	N/A	NH 82112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,000.00	1500001	1.000	LSUM
0020	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0030	Erosion Control, Silt Fence	2080036	260.000	Ft
0040	Aggregate Base, LM	3020002	19.000	Cyd
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	850.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	200.000	Ft
0070	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	93.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	93.000	Ea
0100	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0110	Pedestrian Type II Channelizer, Temp	8120027	222.000	Ft
0120	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	9.000	Ea
0130	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	9.000	Ea
0140	Conc Barrier Reflector Replacement	8120070	40.000	Ea
0150	Conc Barrier, Temp, Furn	8120081	1,858.000	Ft
0160	Conc Barrier, Temp, Oper	8120082	1,858.000	Ft
0170	High Intensity Light, Type B, Furn	8120110	5.000	Ea
0180	High Intensity Light, Type B, Oper	8120111	5.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	4.000	Ea
0230	Pavt Mrkg Cover, Type R, Black	8120200	850.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,079.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	755.000	Ea
0260	Plastic Drum, Fluorescent, Oper	8120253	755.000	Ea

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	72.000	Ft
0280	Sign Cover	8120310	34.000	Ea
0290	Sign Cover, Type 1	8120320	9.000	Ea
0300	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0320	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
0330	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	2,813.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	2,813.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	312.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	312.000	Sft
0380	_ Conc Barrier-Mounted Temp Sign Support, Furn	8127050	10.000	Ea
0390	_ Conc Barrier-Mounted Temp Sign Support, Oper	8127050	10.000	Ea
0400	TS, Bag	8200450	2.000	Ea
0410	TS, Bag, Rem	8200451	2.000	Ea

Section: 2

0420	Backfill, Structure, CIP	2060002	77.000	Cyd
0430	Excavation, Fdn	2060010	68.000	Cyd
0440	Joint, Pressure Relief	6020213	200.000	Ft
0450	Conc, Grade D	7060010	2.000	Cyd
0460	Reinforcement, Steel, Epoxy Coated	7060092	1,345.000	Lb
0470	Water Repellent Treatment, Penetrating	7060140	778.000	Syd
0480	Structural Steel, Plate, Erect	7070060	247.000	Lb
0490	Structural Steel, Plate, Furn and Fab	7070061	247.000	Lb
0500	Conc Surface Coating	7100011	18.000	Syd
0510	Substructure Horizontal Surface Sealer (P10 of 82112)	7100030	5.000	Syd
0520	Hand Chipping, Other Than Deck	7120007	161.000	Cft
0530	Patch, Forming	7120017	160.000	Sft
0540	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	58.000	Ea
0550	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	17.000	Ea
0560	Patching Conc, C-L	7120112	8.000	Cyd
0570	Embedded Galvanic Anode	7120120	113.000	Ea
0580	Beam Plate, Seal Perimeter	7130010	237.000	Ft
0590	Stiffeners, Furn, Fab, and Erect	7130060	1,722.000	Lb
0600	Support, Column, Temp	7130080	19.000	Ea
0610	Protective Shield, Utility Pipe	7150025	15.000	Ft
0620	Steel Structure, Cleaning, Partial, Type 4 (B03 of 63031)	7150047	1.000	LSUM
0630	Steel Structure, Cleaning, Partial, Type 4 (P10 of 82112)	7150047	1.000	LSUM
0640	Steel Structure, Cleaning, Partial, Type 4 (S01 of 50111)	7150047	1.000	LSUM
0650	Steel Structure, Cleaning, Partial, Type 4 (S02 of 63081)	7150047	1.000	LSUM

0660	Steel Structure, Cleaning, Partial, Type 4 (S03 of 82112)	7150047	1.000	LSUM
0670	Steel Structure, Cleaning, Partial, Type 4 (S04 of 82112)	7150047	1.000	LSUM
0680	Steel Structure, Cleaning, Partial, Type 4 (S05 of 82112)	7150047	1.000	LSUM
0690	Steel Structure, Cleaning, Partial, Type 4 (S08 of 50111)	7150047	1.000	LSUM
0700	Steel Structure, Coating, Partial, Type 4 (B03 of 63031)	7150048	1.000	LSUM
0710	Steel Structure, Coating, Partial, Type 4 (P10 of 82112)	7150048	1.000	LSUM
0720	Steel Structure, Coating, Partial, Type 4 (S01 of 50111)	7150048	1.000	LSUM
0730	Steel Structure, Coating, Partial, Type 4 (S02 of 63081)	7150048	1.000	LSUM
0740	Steel Structure, Coating, Partial, Type 4 (S03 of 82112)	7150048	1.000	LSUM
0750	Steel Structure, Coating, Partial, Type 4 (S04 of 82112)	7150048	1.000	LSUM
0760	Steel Structure, Coating, Partial, Type 4 (S05 of 82112)	7150048	1.000	LSUM
0770	Steel Structure, Coating, Partial, Type 4 (S08 of 50111)	7150048	1.000	LSUM
0780	Slope Paving, Conc	8130020	93.000	Syd
0790	Slope Restoration, Type B	8160101	700.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 180713 063

Letting Date: July 13, 2018

Contract ID: 19000-200832

Description: Upgrade existing tower lighting to LED luminaires on various routes in the cities of Lansing and East Lansing, Eaton and Ingham Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200832A	1800918	N/A	NH 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,700.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Mobile Attenuator	8120180	2.000	Ea
0070	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0090	Sign Cover	8120310	5.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	650.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	650.000	Sft
0120	Luminaire, Rem	8190360	197.000	Ea
0130	_ Luminaire, Ramp	8197050	21.000	Ea
0140	_ Luminaire, Tower	8197050	176.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 180713 064

Letting Date: July 13, 2018

Contract ID: 23061-127593

Description: 51.70 mi of delineator upgrades on I-69 beginning at the Eaton/Calhoun county line and proceeding north to I-96 in the cities of Charlotte and Potterville, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127593A	1800909	N/A	HSIP 23061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Delineator Reflector, Red	8100131	663.000	Ea
0040	Delineator Reflector, Yellow	8100132	1,340.000	Ea
0050	Delineator Reflector, Green	8100133	168.000	Ea
0060	Delineator Reflector, White	8100134	2,335.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	112.000	Ea
0080	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	50.000	Ea
0090	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	293.000	Ea
0100	Delineator, Rem	8100349	1,117.000	Ea
0110	Post, Flexible, Delineator	8100360	338.000	Ea
0120	Post, Rigid, Delineator	8100361	3,793.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Mobile Attenuator	8120180	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	25.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	25.000	Sft
0170	Contractor Staking	8240001	1.000	LSUM
0180	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0190	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0200	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 065

Letting Date: July 13, 2018

Contract ID: 72013-202635

Description: 21.22 mi of culvert removal and replacements on US-127 southbound from the Roscommon/Clare county line to M-55 and from the Muskegon River to I-75, Crawford and Roscommon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202635A	1800930	N/A	NH 72013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,400.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	8.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	18.000	Ea
0050	Embankment, LM	2050011	20.000	Cyd
0060	Erosion Control, Silt Fence	2080036	960.000	Ft
0070	Subbase, LM	3010003	75.000	Cyd
0080	Aggregate Base	3020001	32.000	Ton
0090	Shoulder, CI II	3070121	4.000	Ton
0100	Culv, CI A, 30 inch	4010135	118.000	Ft
0110	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0120	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	6.000	Ea
0130	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	6.000	Ea
0140	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0150	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	6.000	Ea
0160	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0170	Dr Marker Post	4011109	34.000	Ea
0180	_ Cured-In-Place Pipe Lining, 18 inch	4017001	326.000	Ft
0190	_ Cured-In-Place Pipe Lining, 24 inch	4017001	915.000	Ft
0200	_ Cured-In-Place Pipe Lining, 30 inch	4017001	370.000	Ft
0210	_ Cured-In-Place Pipe Lining, 36 inch	4017001	119.000	Ft
0220	HMA Surface, Rem	5010005	72.000	Syd
0230	Hand Patching	5010025	20.000	Ton
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea

0290	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0300	Sign Cover	8120310	2.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0330	Fertilizer, Chemical Nutrient, CI A	8160020	91.000	Lb
0340	Mulch	8160025	2,000.000	Syd
0350	Mulch Anchoring	8160026	2,000.000	Syd
0360	Seeding, Mixture TDS	8160037	91.000	Lb
0370	Topsoil Surface, Furn, 4 inch	8160062	2,000.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 180713 066

Letting Date: July 13, 2018

Contract ID: 77071-131031

Description: 6.68 mi of non-freeway signing upgrades along M-154 and Old 54, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131031A	1800928	N/A	STG 77071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,600.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	4.000	Ea
0030	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	306.000	Ea
0040	Fdn, Wood Support, Rem	8100280	13.000	Ea
0050	Installing MDOT Supplied Sign, Type III	8100302	13.000	Ea
0060	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0070	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0080	Delineator, Rem	8100349	100.000	Ea
0090	Post, Flexible, Delineator	8100360	153.000	Ea
0100	Post, Steel, 3 lb	8100371	5,569.000	Ft
0110	Post, Wood, 4 inch by 6 inch	8100380	92.000	Ft
0120	Post, Wood, 6 inch by 8 inch	8100382	80.000	Ft
0130	Sign, Type II, Rem	8100397	21.000	Ea
0140	Sign, Type IIA	8100398	131.000	Sft
0150	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0160	Sign, Type III, Rem	8100403	369.000	Ea
0170	Sign, Type IIIA	8100404	196.000	Sft
0180	Sign, Type IIIB	8100405	1,101.000	Sft
0190	Sign, Type VB	8100425	196.000	Sft
0200	Reflective Panel for Permanent Sign Support, 3 foot	8100613	16.000	Ea
0210	Reflective Panel for Permanent Sign Support, 6 foot	8100616	106.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0270	Sign Cover	8120310	4.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft

0290	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Contractor Staking, Road Only	8240007	1.000	LSUM
0320	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0330	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0340	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 180713 067

Letting Date: July 13, 2018

Contract ID: 41131-123309

Description: Construction of a hot mix asphalt carpool lot on US-131 at 68th Street in the northeast quadrant, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123309A	1800927	N/A	ST 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Curb and Gutter, Rem	2040020	51.000	Ft
0050	Fence, Rem	2040025	360.000	Ft
0060	Pavt, Rem	2040050	94.000	Syd
0070	Excavation, Earth	2050016	1,050.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0100	_ Embankment, CIP, Special	2057021	1,620.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	500.000	Ft
0140	Subbase, CIP	3010002	1,700.000	Cyd
0150	Aggregate Base, 6 inch	3020016	2,970.000	Syd
0160	Shoulder, CI II, 4 inch	3070126	190.000	Syd
0170	Dr Structure Cover, Type G	4030040	2.000	Ea
0180	Dr Structure, 48 inch dia	4030210	2.000	Ea
0190	Underdrain, Subbase, 6 inch	4040063	905.000	Ft
0200	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0210	Underdrain Outlet, 6 inch	4040093	140.000	Ft
0220	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0230	HMA Quality Initiative	5010007	1,150.000	Dlr
0240	HMA Approach	5010061	575.000	Ton
0250	Curb and Gutter, Conc, Det B2	8020016	46.000	Ft
0260	_ Conc Parking Rail	8027001	192.000	Ft
0270	Fence, Woven Wire with Steel Post	8080002	360.000	Ft

0280	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
0290	Delineator, Rem	8100349	1.000	Ea
0300	Post, Steel, 3 lb	8100371	122.000	Ft
0310	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
0320	Sign, Type IIA	8100398	10.000	Sft
0330	Sign, Type IIIA	8100404	29.000	Sft
0340	Sign, Type IIIB	8100405	8.000	Sft
0350	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0360	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	972.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign Cover	8120310	5.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	186.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	186.000	Sft
0470	Site Preparation, Max \$3,500.00	8150001	1.000	LSUM
0480	Watering and Cultivating, First Season, Min \$1,700.00	8150002	1.000	LSUM
0490	Watering and Cultivating, Second Season, Min \$2,100.00	8150003	1.000	LSUM
0500	Acer rubrum Red Sunset, 2 inch	8150145	3.000	Ea
0510	Acer saccharum Green Mountain, 2 inch	8150186	2.000	Ea
0520	Coreopsis grandiflora Baby Sun, #1 cont.	8150887	70.000	Ea
0530	Hemerocallis Variety, #3 cont.	8151769	200.000	Ea
0540	Malus Indian Magic, 2 inch	8152312	2.000	Ea
0550	Miscanthus sinensis Little Kitten, 3 inch pot	8152386	100.000	Ea
0560	Panicum virgatum Shenandoah, 3 inch pot	8152585	90.000	Ea
0570	Rudbeckia nitida Autumn Sun, #2 cont.	8153295	70.000	Ea
0580	Mulch	8160025	190.000	Syd
0590	Slope Restoration, Type A	8160100	2,927.000	Syd
0600	Slope Restoration, Type B	8160101	600.000	Syd
0610	_ Native Pollinator Seeding	8167011	800.000	Syd
0620	_ Lightweight Planting Medium	8167021	320.000	Cyd
0630	_ Maintenance, First Season	8167060	160.000	Dlr
0640	_ Maintenance, Second Season	8167060	264.000	Dlr
0650	Contractor Staking, Road Only	8240007	1.000	LSUM
0660	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0670	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0680	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



Schedule of Pay Items

Report v1

Letting Call: 180713 068

Letting Date: July 13, 2018

Contract ID: 62031-132257

Description: 0.01 mi of modernization of traffic and pedestrian signals on M-37 at State Street in the city of Grant, Newaygo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132257A	1800907	N/A	STG 62031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$19,400.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	5.000	Syd
0030	Exploratory Investigation, Vertical	2040080	20.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0050	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0060	HMA Surface, Rem	5010005	5.000	Syd
0070	Hand Patching	5010025	5.000	Ton
0080	Sidewalk, Conc, 4 inch	8030044	45.000	Sft
0090	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0100	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0110	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
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	Plastic Drum, High Intensity, Furn	8120250	52.000	Ea
0160	Plastic Drum, High Intensity, Oper	8120251	52.000	Ea
0170	Sign Cover	8120310	10.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0190	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0200	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0210	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	770.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	770.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	_ Turf Establishment, Performance	8167011	25.000	Syd
0260	Cable Pole, TS, Disman	8190010	2.000	Ea
0270	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft

0280	Conduit, DB, 1, 3 inch	8190029	30.000	Ft
0290	Conduit, DB, 3, 3 inch	8190035	5.000	Ft
0300	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0310	Hh, Rem	8190254	1.000	Ea
0320	Hh, Round, 3 foot dia	8190259	1.000	Ea
0330	Hh, Round	8190260	1.000	Ea
0340	Cable, Sec, 600V, 1, 3/C#6	8190399	100.000	Ft
0350	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
0360	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0370	Wood Pole, Rem	8190505	2.000	Ea
0380	_ Street Lighting System, Protect	8197051	1.000	LSUM
0390	Case Sign, Rem	8200020	1.000	Ea
0400	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0410	Controller and Cabinet, Rem	8200030	1.000	Ea
0420	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0430	Controller Fdn, Base Mount	8200045	1.000	Ea
0440	Fdn, Rem	8200065	1.000	Ea
0450	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0460	Pedestal, Alum	8200100	2.000	Ea
0470	Pedestal, Fdn	8200105	2.000	Ea
0480	Pedestal Fdn, Rem	8200106	2.000	Ea
0490	Pedestal, Rem	8200110	2.000	Ea
0500	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0510	Pushbutton and Sign	8200121	4.000	Ea
0520	Pushbutton, Rem	8200122	4.000	Ea
0530	Serv Disconnect	8200135	1.000	Ea
0540	Serv Disconnect, Rem	8200136	1.000	Ea
0550	Span Wire	8200140	4.000	Ea
0560	Span Wire, Rem	8200141	1.000	Ea
0570	Steel Pole, Rem	8200145	1.000	Ea
0580	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0590	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0600	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0610	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0620	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0630	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0640	Wireless Vehicle Detection System	8200422	1.000	Ea
0650	Wireless Vehicle Sensor Node	8200425	12.000	Ea
0660	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0670	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
0680	Strain Pole Fdn, 6 Bolt	8200470	76.000	Ft
0690	Casing	8200480	64.000	Ft
0700	Cellular Modem, TS, 4G	8200498	1.000	Ea

0710	_ Managed Field Ethernet Switch, Fiber Capable	8207050	1.000	Ea
0720	_ Roadside Unit, Intersection	8207050	1.000	Ea
0730	Contractor Staking, Road Only	8240007	1.000	LSUM
0740	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0750	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0760	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0770	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM



Schedule of Pay Items

Report v1

Letting Call: 180713 069

Letting Date: July 13, 2018

Contract ID: 73000-127503

Description: Delineators, corrugations, pavement markings and chevron signs on various routes, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127503A	1800916	N/A	HSIP 73101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,000.00	1500001	1.000	LSUM
0020	Delineator Reflector, Red	8100131	392.000	Ea
0030	Delineator Reflector, Yellow	8100132	420.000	Ea
0040	Delineator Reflector, Green	8100133	106.000	Ea
0050	Delineator Reflector, White	8100134	1,185.000	Ea
0060	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	73.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	19.000	Ea
0080	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	178.000	Ea
0090	Delineator, Rem	8100349	810.000	Ea
0100	Post, Flexible, Delineator	8100360	197.000	Ea
0110	Post, Rigid, Delineator	8100361	1,681.000	Ea
0120	Post, Steel, 3 lb	8100371	4,080.000	Ft
0130	Sign, Type IIIB	8100405	380.000	Sft
0140	Sign, Type VB	8100425	1,176.000	Sft
0150	Reflective Panel for Permanent Sign Support, 6 foot	8100616	186.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,264.000	Ft
0170	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
0180	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	2,558.000	Ft
0190	Pavt Mrkg, Polyurea, 12 inch, White	8110111	6,660.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,850.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1.000	Dlr
0220	Channelizing Device, 42 inch, Furn	8120030	270.000	Ea
0230	Channelizing Device, 42 inch, Oper	8120031	270.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	860.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	860.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Shoulder Corrugations, Ground or Cut, HMA	8220001	83,800.000	Ft
0310	Centerline Corrugations, Milled, HMA	8220013	1,425.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 180713 283

Letting Date: July 13, 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
