



8/26/2016 10:04 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 001

Letting Date: October 7, 2016

Contract ID: 11015-119672

Description: 5.79 mi of hot mix asphalt cold milling and resurfacing, shoulder replacement, sewer and drainage, guardrail, cable barrier, shoulder corrugations and pavement markings on I-94 eastbound from northeast of Red Arrow Highway to southwest of I-94BL in the city of Bridgman and village of Stevensville, 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
119672A	IM 1611(032)	KK4154	IM 11015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$998,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.590	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	28.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	23.000	Ea
0050	Guardrail, Rem	2040035	8,900.000	Ft
0060	Pavt, Rem	2040050	43,370.000	Syd
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	Embankment, CIP	2050010	9,011.000	Cyd
0090	Excavation, Earth	2050016	66,756.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	6,000.000	Cyd
0120	_ Granular Material, CI IIAA	2057021	32,520.000	Cyd
0130	_ Phragmites Plant Material Handling and Disposal, LM	2057021	100.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	240.000	Ft
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	43.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	121.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0190	Erosion Control, Sand Bag	2080028	50.000	Ea
0200	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	20.000	Ea
0220	Erosion Control, Silt Fence	2080036	25,735.000	Ft
0230	_ Permeable Runoff Structure	2087001	1,072.000	Ft
0240	Project Cleanup	2090001	1.000	LSUM
0250	Subbase, CIP	3010002	757.000	Cyd

0260	Aggregate Base, 6 inch	3020016	77,481.000	Syd
0270	Shoulder, CI II	3070121	6,914.000	Ton
0280	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	27.000	Ea
0290	Dr Marker Post	4011109	20.000	Ea
0300	_ Culvert Cleanout	4017001	348.000	Ft
0310	Sewer, CI A, 15 inch, Tr Det A	4020005	1,666.000	Ft
0320	Sewer, CI A, 18 inch, Tr Det A	4020006	60.000	Ft
0330	Sewer Tap, 10 inch	4021203	6.000	Ea
0340	Sewer Tap, 15 inch	4021205	9.000	Ea
0350	Sewer Tap, 18 inch	4021206	6.000	Ea
0360	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0370	Dr Structure Cover, Type G	4030040	30.000	Ea
0380	Dr Structure, 48 inch dia	4030210	28.000	Ea
0390	Underdrain, Subbase, 6 inch	4040063	35.000	Ft
0400	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0410	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0420	_ Underdrain, Subgrade, 10 inch, Modified	4047001	23,172.000	Ft
0430	Pavt, Cleaning	5010001	1.000	LSUM
0440	Cold Milling HMA Surface	5010002	126,485.000	Syd
0450	Bump Grinding	5010004	175.000	Syd
0460	HMA Quality Initiative	5010007	115,340.000	Dlr
0470	Longitudinal Joint Density Quality Initiative	5010018	280,000.000	Dlr
0480	Hand Patching	5010025	100.000	Ton
0490	HMA, 3E3	5010045	13,264.000	Ton
0500	HMA, 4E3	5010051	9,643.000	Ton
0510	HMA, 4E30	5010053	14,039.000	Ton
0520	HMA, 5E3	5010057	7,194.000	Ton
0530	HMA, 5E30	5010059	2,640.000	Ton
0540	HMA Approach	5010061	253.000	Ton
0550	_ HMA Gap-Graded Superpave (3/8 inch Nominal Max)	5017031	10,537.000	Ton
0560	Valley Gutter, Conc	8020060	236.000	Ft
0570	Spillway, Conc	8020075	27.000	Ft
0580	_ Shoulder Gutter, Conc, Det 2, Modified	8027050	2.000	Ea
0590	Guardrail, Type T	8070002	550.000	Ft
0600	Guardrail, Type MGS-8	8070004	7,985.000	Ft
0610	Guardrail, Curved, Type MGS-8	8070012	264.000	Ft
0620	Guardrail Anch, Bridge, Det T1	8070022	6.000	Ea
0630	Guardrail Anch, Median	8070035	1.000	Ea
0640	Guardrail Approach Terminal, Type 3T	8070039	3.000	Ea
0650	Guardrail Approach Terminal, Type 1B	8070040	9.000	Ea
0660	Guardrail Approach Terminal, Type 1T	8070041	1.000	Ea
0670	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0680	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0690	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea

0700	Guardrail Reflector	8070080	196.000	Ea
0710	Cable Barrier, High Tension, Rem	8070200	1,000.000	Ft
0720	Cable Barrier, High Tension, Salv	8070201	28,150.000	Ft
0730	Cable Barrier, High Tension, Reconst	8070202	28,152.000	Ft
0740	Cable Barrier, Furn and Install (Gibraltar, TL-4)	8070207	1,000.000	Ft
0750	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	4.000	Ea
0760	Cable Barrier, Reflector, Furn and Install (Gibraltar)	8070209	25.000	Ea
0770	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	2,872.000	Ea
0780	Cable Barrier, High Tension, Line Post Fdn	8070221	2,796.000	Ea
0790	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	10.000	Ea
0800	Cable Barrier, High Tension, End Term Fdn	8070223	10.000	Ea
0810	Cable, 1000 ft Spool	8070250	3.000	Ea
0820	Cable Barrier, Intermediate Line Post	8070251	400.000	Ea
0830	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	400.000	Ea
0840	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
0850	Cable Barrier, Socket, Conc Fdn	8070254	20.000	Ea
0860	Cable Barrier, Turnbuckle	8070256	15.000	Ea
0870	Cable Barrier, Reflector	8070257	175.000	Ea
0880	Cable Barrier, Excluder Cap	8070258	400.000	Ea
0890	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
0900	Cable Barrier, Cable Splice Kit	8070260	25.000	Ea
0910	Cable Barrier Terminal, Materials	8070261	5.000	Ea
0920	Cable Barrier, High Tension, Repair Labor	8070262	25,000.000	Dlr
0930	Fence, Protective	8080007	750.000	Ft
0940	Column, Breakaway, W8 x 13	8100120	4.000	Ea
0950	Delineator Reflector	8100130	184.000	Ea
0960	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	10.000	Ea
0970	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	2.000	Ea
0980	Delineator, Reflective Sheeting, 3 inch by 6 inch, Yellow	8100143	6.000	Ea
0990	Fdn, Breakaway, W8 x 13	8100160	4.000	Ea
1000	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1010	Fdn, Wood Support, Rem	8100280	38.000	Ea
1020	Post, Delineator	8100350	149.000	Ea
1030	Post, Flexible, Delineator	8100360	23.000	Ea
1040	Post, Steel, 3 lb	8100371	614.000	Ft
1050	Post, Wood, 4 inch by 6 inch	8100380	578.000	Ft
1060	Post, Wood, 6 inch by 8 inch	8100382	75.000	Ft
1070	Sign, Type I, Erect, Salv	8100390	3.000	Ea
1080	Sign, Type I, Rem	8100391	3.000	Ea
1090	Sign, Type II, Erect, Salv	8100396	9.000	Ea
1100	Sign, Type II, Rem	8100397	9.000	Ea
1110	Sign, Type III, Erect, Salv	8100402	72.000	Ea
1120	Sign, Type III, Rem	8100403	72.000	Ea

1130	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
1140	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1150	Recessing Pavement Markings, Longit	8110450	82,937.000	Ft
1160	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	15,500.000	Ft
1170	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	33,300.000	Ft
1180	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	737.000	Ft
1190	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	33,400.000	Ft
1200	_ Pavt Mrkg, Preformed Thermoplastic, 24 inch, Stop Bar	8117050	1.000	Ea
1210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
1220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
1230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1250	Ltg for Night Work	8120160	1.000	LSUM
1260	Minor Traf Devices	8120170	1.000	LSUM
1270	Pavt Mrkg Cover, Type R, Black	8120200	7,000.000	Ft
1280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	109,100.000	Ft
1290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	62,350.000	Ft
1300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	74,550.000	Ft
1310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	72,650.000	Ft
1320	Plastic Drum, High Intensity, Furn	8120250	655.000	Ea
1330	Plastic Drum, High Intensity, Oper	8120251	655.000	Ea
1340	Sign Cover	8120310	20.000	Ea
1350	Sign, Type A, Temp, Prismatic, Furn	8120340	110.000	Sft
1360	Sign, Type A, Temp, Prismatic, Oper	8120341	110.000	Sft
1370	Sign, Type B, Temp, Prismatic, Furn	8120350	1,267.000	Sft
1380	Sign, Type B, Temp, Prismatic, Oper	8120351	1,267.000	Sft
1390	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	301.000	Sft
1400	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	301.000	Sft
1410	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
1420	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
1430	Riprap, Plain	8130010	8.000	Syd
1440	Mulch Blanket	8160027	6,311.000	Syd
1450	Mulch Blanket, High Velocity	8160028	28,314.000	Syd
1460	_ Turf Establishment, Performance	8167011	131,774.000	Syd
1470	_ Turf Reinforcement Mat, Permanent	8167011	1,291.000	Syd
1480	Dune Grass Planting	8180001	32,650.000	Syd
1490	Monument Box	8210001	1.000	Ea
1500	Monument Box Adjust	8210005	4.000	Ea
1510	Monument Preservation	8210010	4.000	Ea
1520	Protect Corners	8210020	20.000	Ea

1530	Shoulder Corrugations, Ground or Cut, HMA	8220001	58,017.000	Ft
1540	Contractor Staking, Road Only	8240007	1.000	LSUM
1550	Staking Plan Errors and Extras, One Person	8240020	81.000	Hr
1560	Staking Plan Errors and Extras, Two Person	8240021	33.000	Hr
1570	Staking Plan Errors and Extras, Three Person	8240022	49.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1610 002

Letting Date: October 7, 2016

Contract ID: 59012-117996

Description: 3.47 mi of hot mix asphalt base crushing and shaping, cold milling, guardrail, culvert, concrete curb, gutter and pavement markings on US-131 from M-46 to the Montcalm north county line in Reynolds Township, Montcalm and Mecosta Counties. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
117996A	N/A	N/A	GF16 59012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$603,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	19.000	Ea
0050	Curb and Gutter, Rem	2040020	1,543.000	Ft
0060	Fence, Rem	2040025	60.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0080	Sidewalk, Rem	2040055	60.000	Syd
0090	Excavation, Earth	2050016	6,333.000	Cyd
0100	Machine Grading	2050030	358.000	Sta
0110	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0120	_ Embankment, CIP, Special	2057021	8,021.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	128.000	Ft
0140	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0150	Erosion Control, Sediment Trap	2080034	7.000	Ea
0160	Erosion Control, Silt Fence	2080036	2,374.000	Ft
0170	Aggregate Base, 6 inch	3020016	967.000	Syd
0180	Aggregate Base, Conditioning	3020050	3,470.000	Syd
0190	HMA Base Crushing and Shaping	3050002	166,429.000	Syd
0200	Material, Surplus and Unsuitable, Rem, LM	3050010	2,000.000	Cyd
0210	Salv Crushed Material, LM	3050015	3,910.000	Cyd
0220	Shoulder, CI II	3070121	1,410.000	Ton
0230	Culv, CI A, Conc, 18 inch	4010167	16.000	Ft
0240	Culv, CI A, Conc, 24 inch	4010168	16.000	Ft
0250	Culv, Downspout, 15 inch	4010796	56.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	19.000	Ea
0270	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea

0280	Dr Marker Post	4011109	50.000	Ea
0290	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0300	Underdrain, Bank, 6 inch	4040003	200.000	Ft
0310	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0320	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0330	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0340	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0350	Cold Milling HMA Surface	5010002	135,035.000	Syd
0360	Bump Grinding	5010004	300.000	Syd
0370	HMA Surface, Rem	5010005	2,102.000	Syd
0380	HMA Quality Initiative	5010007	116,500.000	Dlr
0390	Longitudinal Joint Density Quality Initiative	5010018	176,100.000	Dlr
0400	Hand Patching	5010025	200.000	Ton
0410	HMA, 3E10	5010046	22,197.000	Ton
0420	HMA, 4E10	5010052	20,499.000	Ton
0430	HMA, 5E3	5010057	1,235.000	Ton
0440	HMA Approach	5010061	1,563.000	Ton
0450	HMA, LVSP	5010703	12,684.000	Ton
0460	_ Ride Incentive	5017060	48,589.000	Dlr
0470	Conc, Grade S2	7060011	1.000	Cyd
0480	Reinforcement, Steel, Culv and Headwall	7060091	46.000	Lb
0490	Curb and Gutter, Conc, Det D2	8020031	1,461.000	Ft
0500	Shoulder Gutter, Conc, Det 2	8020056	3.000	Ea
0510	Downspout Header, Conc	8020070	1.000	Ea
0520	Spillway, Conc	8020075	36.000	Ft
0530	Detectable Warning Surface	8030010	15.000	Ft
0540	Sidewalk Ramp, Conc, 4 inch	8030034	700.000	Sft
0550	Guardrail, Type T	8070002	5,991.000	Ft
0560	Guardrail, Type T, Temp	8070007	2,000.000	Ft
0570	Guardrail, Backed, Det G3	8070017	38.000	Ea
0580	Guardrail Approach Terminal, Type 1T	8070041	20.000	Ea
0590	Guardrail Approach Terminal, Type 1T, Temp	8070046	4.000	Ea
0600	Guardrail Departing Terminal, Type T	8070051	20.000	Ea
0610	Guardrail Departing Terminal, Type T, Temp	8070056	4.000	Ea
0620	Guardrail, Salv	8070075	4,425.000	Ft
0630	Guardrail Reflector	8070080	127.000	Ea
0640	Fence, Woven Wire with Steel Post	8080002	60.000	Ft
0650	Fence, Protective	8080007	2,500.000	Ft
0660	Field Office, CI 2	8090002	6.000	Mo
0670	Field Office, Utility Fees	8090010	3,000.000	Dlr
0680	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	19.000	Ea
0690	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	5.000	Ea
0700	Delineator, Reflective Sheeting, 3 inch by 6 inch, Yellow	8100143	35.000	Ea

0710	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
0720	Post, Delineator	8100350	245.000	Ea
0730	Post, Flexible, Delineator	8100360	63.000	Ea
0740	Post, Steel, 3 lb	8100371	196.000	Ft
0750	Post, Wood, 4 inch by 6 inch	8100380	130.000	Ft
0760	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0770	Sign, Type I, Rem	8100391	1.000	Ea
0780	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0790	Sign, Type II, Rem	8100397	2.000	Ea
0800	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0810	Sign, Type III, Rem	8100403	15.000	Ea
0820	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Crystal	8107050	280.000	Ea
0830	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Green	8107050	45.000	Ea
0840	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Red	8107050	19.000	Ea
0850	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, Yellow	8107050	6.000	Ea
0860	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	2.000	Ea
0870	Pavt Mrkg, Polyurea, Accessible Symbol	8110099	6.000	Ea
0880	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0890	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,500.000	Ft
0900	Pavt Mrkg, Waterborne, 6 inch, White	8110233	45,100.000	Ft
0910	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,100.000	Ft
0920	Pavt Mrkg, Waterborne, 12 inch, White	8110237	3,800.000	Ft
0930	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,500.000	Ft
0940	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	45,100.000	Ft
0950	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	45,100.000	Ft
0960	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	3,800.000	Ft
0970	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	400.000	Ft
0980	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	6,400.000	Ft
0990	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
1000	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
1010	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
1020	Recessing Pavement Markings, Longit	8110450	108,300.000	Ft
1030	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
1040	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1070	Minor Traf Devices	8120170	1.000	LSUM
1080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	44,700.000	Ft
1090	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	4,000.000	Ft

1100	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	36,700.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	36,700.000	Ft
1120	Plastic Drum, High Intensity, Furn	8120250	1,000.000	Ea
1130	Plastic Drum, High Intensity, Oper	8120251	1,000.000	Ea
1140	Sign Cover	8120310	10.000	Ea
1150	Sign Cover, Type 1	8120320	5.000	Ea
1160	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
1170	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	1,746.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,746.000	Sft
1200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	256.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	256.000	Sft
1220	Traf Regulator Control	8120370	1.000	LSUM
1230	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
1240	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
1250	Riprap, Plain	8130010	122.000	Syd
1260	Slope Restoration, Type A	8160100	75,800.000	Syd
1270	Slope Restoration, Type B	8160101	63,200.000	Syd
1280	Slope Restoration, Type C	8160102	5,000.000	Syd
1290	Slope Restoration, Type D	8160103	500.000	Syd
1300	Conduit, DB, 1, 3 inch	8190029	55.000	Ft
1310	Conduit, Rem	8190140	100.000	Ft
1320	Hh, Adj	8190244	1.000	Ea
1330	Hh, Rem	8190254	4.000	Ea
1340	Hh, Round	8190260	2.000	Ea
1350	_ Permanent Traffic Recorder Piezo Sensors	8207051	1.000	LSUM
1360	Shoulder Corrugations, Ground or Cut, HMA	8220001	72,840.000	Ft
1370	Contractor Staking, Road Only	8240007	1.000	LSUM
1380	Staking Plan Errors and Extras, One Person	8240020	51.000	Hr
1390	Staking Plan Errors and Extras, Two Person	8240021	21.000	Hr
1400	Staking Plan Errors and Extras, Three Person	8240022	31.000	Hr
1410	Flowable Fill, Non-Structural	8260148	5.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 1610 003

Letting Date: October 7, 2016

Contract ID: 84922-119009

Description: Traffic signal modernization and concrete curb, gutter, sidewalk and ramp upgrades at 7 locations on I-75BL, M-32, M-55, M-119, US-23 and US-31, Alcona, Emmet, Otsego, and Roscommon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119009A	STPG 1684(130)	JJ5542	STG 84922
130856A	NHG 1684(143)	JJ5550	NHG 84922

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	193.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Sidewalk, Rem	2040055	256.000	Syd
0050	Exploratory Investigation, Vertical	2040080	186.000	Ft
0060	Excavation, Earth	2050016	3.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0080	_ Embankment, CIP, Special	2057021	2.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0100	Erosion Control, Silt Fence	2080036	200.000	Ft
0110	Approach, CI I	3070001	28.000	Ton
0120	HMA Surface, Rem	5010005	317.000	Syd
0130	Hand Patching	5010025	16.000	Ton
0140	Coating Galvanized Support Structures	7160010	8.000	Ea
0150	Curb and Gutter, Conc, Det C4	8020023	193.000	Ft
0160	Detectable Warning Surface	8030010	95.000	Ft
0170	Sidewalk Ramp, Conc, 6 inch	8030036	1,420.000	Sft
0180	Sidewalk, Conc, 6 inch	8030046	1,084.000	Sft
0190	Fence, Protective	8080007	100.000	Ft
0200	Fdn, Wood Support, Rem	8100280	2.000	Ea
0210	Post, Steel, 3 lb	8100371	28.000	Ft
0220	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0230	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0240	Sign, Type III, Rem	8100403	3.000	Ea
0250	Mast Arm Pole, Cat I	8100510	8.000	Ea
0260	Mast Arm, 25 foot, Cat I	8100521	2.000	Ea

0270	Mast Arm, 30 foot, Cat I	8100522	1.000	Ea
0280	Mast Arm, 35 foot, Cat I	8100523	1.000	Ea
0290	Mast Arm, 40 foot, Cat I	8100524	3.000	Ea
0300	Mast Arm, 45 foot, Cat I	8100525	1.000	Ea
0310	Mast Arm Pole Fdn, 6 Bolt	8100550	104.000	Ft
0320	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	135.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	120.000	Ft
0340	Rem Spec Mrkg	8110343	430.000	Sft
0350	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	120.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft
0410	Sign Cover	8120310	12.000	Ea
0420	Sign, Type A, Temp, Prismatic, Furn	8120340	60.000	Sft
0430	Sign, Type A, Temp, Prismatic, Oper	8120341	60.000	Sft
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	1,046.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	1,046.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	192.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	192.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0500	Slope Restoration, Type A	8160100	370.000	Syd
0510	Cable, Rem	8190016	720.000	Ft
0520	Conduit, DB, 1, 1 1/2 inch	8190027	885.000	Ft
0530	Conduit, DB, 1, 3 inch	8190029	390.000	Ft
0540	Conduit, DB, 3, 3 inch	8190035	385.000	Ft
0550	Conduit, DB, 4, 3 inch	8190038	105.000	Ft
0560	Conduit, Rem	8190140	61.000	Ft
0570	Hh, Rem	8190254	8.000	Ea
0580	Hh, Round, 3 foot Dia.	8190259	7.000	Ea
0590	Hh, Round	8190260	18.000	Ea
0600	Cable, Sec, 600V, 1, 3/C#6	8190399	300.000	Ft
0610	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
0620	Wood Pole, Rem	8190505	2.000	Ea
0630	Conduit, Directional Bore, 1, 3 inch	8190602	80.000	Ft
0640	Conduit, Directional Bore, 2, 3 inch	8190604	525.000	Ft
0650	_ Cable, Sec, 600V, 1, 4/C#6	8197001	400.000	Ft
0660	_ Cable, Shielded, 600V, 1, 2/C#16	8197001	320.000	Ft
0670	Case Sign, Rem	8200020	8.000	Ea
0680	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	21.000	Ea
0690	Controller and Cabinet, Rem	8200030	7.000	Ea
0700	Controller and Cabinet, Digital Type	8200031	7.000	Ea
0710	Case Sign (LED), Disappearing Legend, One Way, 24	8200042	1.000	Ea

	inch by 30 inch			
0720	Controller Fdn, Base Mount	8200045	7.000	Ea
0730	Fdn, Rem	8200065	3.000	Ea
0740	Louver	8200080	13.000	Ea
0750	Pedestal, Alum	8200100	11.000	Ea
0760	Pedestal, Fdn	8200105	19.000	Ea
0770	Pedestal Fdn, Rem	8200106	6.000	Ea
0780	Pedestal, Rem	8200110	6.000	Ea
0790	Pedestal, Underground Serv, Unmetered	8200112	3.000	Ea
0800	Power Co. (Est. Cost to Contractor)	8200116	9,000.000	Dlr
0810	Pushbutton and Sign	8200121	24.000	Ea
0820	Pushbutton Pedestal, Alum	8200123	5.000	Ea
0830	Serv Disconnect	8200135	6.000	Ea
0840	Serv Disconnect, Rem	8200136	4.000	Ea
0850	Span Wire	8200140	18.000	Ea
0860	Span Wire, Rem	8200141	8.000	Ea
0870	Steel Pole, Rem	8200145	3.000	Ea
0880	Steel Pole, Rem (Embedded)	8200146	5.000	Ea
0890	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0900	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	18.000	Ea
0910	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
0920	TS, Span Wire Mtd, Rem	8200182	17.000	Ea
0930	TS, One Way Span Wire Mtd (LED)	8200313	36.000	Ea
0940	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0950	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0960	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
0970	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
0980	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
0990	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	9.000	Ea
1000	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
1010	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	6.000	Ea
1020	TS, One Way Mast Arm Mtd (LED)	8200359	16.000	Ea
1030	Video Traf Detection System, Rem	8200383	1.000	Ea
1040	Video Traf Detection Camera, Rem	8200384	2.000	Ea
1050	Bracket, Truss, Rem	8200388	2.000	Ea
1060	Wireless Intercn, Closed Loop, Salv	8200389	2.000	Ea
1070	Wireless Intercn, Closed Loop, Rem	8200396	2.000	Ea
1080	Wireless Vehicle Detection System	8200422	7.000	Ea
1090	Wireless Vehicle Detection System, Rem	8200423	2.000	Ea
1100	Wireless Vehicle Sensor Node	8200425	92.000	Ea
1110	Strain Pole, Steel, 6 bolt, 30 foot	8200460	13.000	Ea
1120	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea

1130	Strain Pole Fdn, 6 Bolt	8200470	204.000	Ft
1140	Casing	8200480	235.000	Ft
1150	_ St Name Sign, Two Way, (LED), 8 foot	8207050	4.000	Ea
1160	_ Pedestal Painting	8207050	7.000	Ea
1170	Contractor Staking, Road Only	8240007	1.000	LSUM
1180	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
1190	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
1200	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr
1210	_ Railroad Protection, Railroad Crossing	8507060	4,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 1610 004

Letting Date: October 7, 2016

Contract ID: 82457-131361

Description: 1.84 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs and bridge approach, epoxy overlay, sidewalk ramps, guardrail, signing and pavement markings on West Road from Allen Road to Fort Street (M-85) in the cities of Trenton and Woodhaven, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131361A	NH 1682(278)	HK1090	NH 82457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	259.000	Ft
0030	Guardrail, Rem	2040035	600.000	Ft
0040	Pavt, Rem	2040050	320.000	Syd
0050	Sidewalk, Rem	2040055	1,000.000	Syd
0060	_ Misc Pavt, Rem, Patching	2047011	6,200.000	Syd
0070	_ Misc Obstruction, Rem	2047021	35.000	Cyd
0080	Embankment, CIP	2050010	30.000	Cyd
0090	Excavation, Earth	2050016	40.000	Cyd
0100	_ Misc Subgrade Undercutting, Type IV	2057021	300.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	62.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0130	Erosion Control, Silt Fence	2080036	800.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Aggregate Base, 9 inch, Modified	3027011	320.000	Syd
0160	Geotextile, Stabilization	3080010	320.000	Syd
0170	Dr Structure, Temp Lowering	4030390	20.000	Ea
0180	_ Misc Structure Reconstruct	4037001	30.000	Ft
0190	_ Misc San Structure Cover, Adj	4037050	8.000	Ea
0200	_ Misc Structure Cover, Adj, Furn Cover A	4037050	7.000	Ea
0210	_ Misc Structure Cover, Adj	4037050	80.000	Ea
0220	_ Misc Structure Cover, Adj, Furn Cover S	4037050	14.000	Ea
0230	Pavt, Cleaning	5010001	1.000	LSUM
0240	Cold Milling HMA Surface	5010002	65,311.000	Syd
0250	HMA Surface, Rem	5010005	1,190.000	Syd
0260	HMA Patch, Rem	5010006	150.000	Syd
0270	Pavt Joint and Crack Repr, Det 7	5010020	15,000.000	Ft

0280	Pavt Joint and Crack Repr, Det 8	5010021	2,400.000	Ft
0290	Hand Patching	5010025	1,100.000	Ton
0300	HMA, 4E10	5010052	8,100.000	Ton
0310	HMA, 5E3	5010057	220.000	Ton
0320	HMA, 5E10	5010058	5,700.000	Ton
0330	HMA, Temp Pavt (5E03)	5010803	34.000	Ton
0340	Joint, Contraction, Cp	6020200	2,480.000	Ft
0350	Joint, Expansion, E2	6020207	372.000	Ft
0360	Joint, Expansion, E3	6020208	144.000	Ft
0370	_ Misc Cold Weather Protection, Conc Pavt	6027011	4,500.000	Syd
0380	_ Misc Conc Approach Pavt, Reinf, ISC-3	6027021	107.000	Cyd
0390	Joint, Expansion, Erg	6030021	144.000	Ft
0400	Lane Tie, Epoxy Anchored	6030030	190.000	Ea
0410	Pavt Repr, Rem	6030080	970.000	Syd
0420	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	6,200.000	Syd
0430	Curb and Gutter, Conc, Det F3	8020037	259.000	Ft
0440	_ Misc Conc Curb Cap	8027001	1,900.000	Ft
0450	_ Misc Conc Curb Cap, Patching	8027001	1,060.000	Ft
0460	Detectable Warning Surface	8030010	360.000	Ft
0470	Sidewalk Ramp, Conc, 4 inch	8030034	2,079.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	850.000	Sft
0490	_ Sidewalk Ramp, Conc, 8 inch	8037010	2,250.000	Sft
0500	_ Sidewalk, Conc, 8 inch	8037010	450.000	Sft
0510	Guardrail, Type B	8070000	100.000	Ft
0520	Guardrail, Curved, Type B	8070010	50.000	Ft
0530	Guardrail Anch, Bridge, Det T2	8070023	8.000	Ea
0540	Guardrail Approach Terminal, Type 1T	8070041	8.000	Ea
0550	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0560	_ Misc Field Office	8097043	4.000	Mo
0570	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0580	_ Misc Sign, Type B, Perm	8107010	396.000	Sft
0590	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	3,400.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	85.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,100.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	14.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0650	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,800.000	Ft
0660	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	22,000.000	Ft
0670	Rem Spec Mrkg	8110343	550.000	Sft
0680	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0690	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0700	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0710	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea

0720	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0730	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0740	Conc Barrier, Temp, Adj	8120080	80.000	Ft
0750	Conc Barrier, Temp, Furn	8120081	330.000	Ft
0760	Conc Barrier, Temp, Oper	8120082	330.000	Ft
0770	Conc Barrier, Temp, Relocated	8120083	250.000	Ft
0780	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0790	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0800	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0810	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0820	Minor Traf Devices	8120170	1.000	LSUM
0830	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	550.000	Ft
0840	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	1,600.000	Ft
0850	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,600.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,450.000	Ft
0880	Plastic Drum, High Intensity, Furn	8120250	375.000	Ea
0890	Plastic Drum, High Intensity, Oper	8120251	375.000	Ea
0900	Sign Cover	8120310	14.000	Ea
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	970.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	970.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	56.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	56.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	Topsoil Surface, Furn, 2 inch	8160060	700.000	Syd
0970	Water, Sodding/Seeding	8160090	57.000	Unit
0980	_ Misc Turf Grading	8167011	110.000	Syd
0990	_ Sodding, Modified	8167011	2,100.000	Syd
1000	Monument Box Adjust	8210005	5.000	Ea
1010	Monument Preservation	8210010	5.000	Ea
1020	Monument Preservation, Vertical	8210015	2.000	Ea
1030	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea

Section: 2

1040	Reinforcement, Steel, Epoxy Coated	7060092	550.000	Lb
1050	_ Misc Cast in Place Conc	7067021	13.000	Cyd
1060	Hand Chipping, Shallow	7120003	10.000	Syd
1070	Hand Chipping, Deep	7120004	5.000	Syd
1080	Hand Chipping, Other Than Deck	7120007	50.000	Cft
1090	Patching Mortar or Conc	7120016	110.000	Cft
1100	Epoxy Ovly	7120020	1,000.000	Syd



9/2/2016 9:48 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 005

Letting Date: October 7, 2016

Contract ID: 74555-115892

Description: 8.01 mi of hot mix asphalt overlay, aggregate shoulders, bridge deck waterproofing and guardrail on Deckerville Road from Decker Road to Sheldon Road, Sanilac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115892A	STP 1674(007)	RT0497	STL 74555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$143,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	150.000	Ft
0030	Approach, CI II	3070021	920.000	Ton
0040	Shoulder, CI II	3070121	7,735.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Pavt for Butt Joints, Rem	5010008	1,811.000	Syd
0070	HMA, 13A	5010033	12,461.000	Ton
0080	HMA, 36A	5010034	8,842.000	Ton
0090	HMA Approach	5010061	359.000	Ton
0100	_ HMA Surface, Rem, Modified	5017011	370.000	Syd
0110	Membrane, Preformed Waterproofing	7100008	2,000.000	Sft
0120	Conc Surface Coating	7100011	55.000	Syd
0130	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0140	Post, Mailbox	8070095	1.000	Ea
0150	Guardrail Height, Adj	8070100	423.000	Ft
0160	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	84,566.000	Ft
0170	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	14,816.000	Ft
0180	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0190	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	7,964.000	Ft
0240	Plastic Drum, High Intensity, Lighted, Furn	8120260	145.000	Ea
0250	Plastic Drum, High Intensity, Lighted, Oper	8120261	145.000	Ea
0260	Sign Cover	8120310	1.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,080.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,080.000	Sft

0290	Traf Regulator Control	8120370	1.000	LSUM
0300	_ Slope Resotration	8167011	100.000	Syd



9/2/2016 9:48 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 006

Letting Date: October 7, 2016

Contract ID: 50458-127313

Description: 0.69 mi of full-depth concrete repairs, drainage structure adjustments, concrete curb replacement, and pavement markings on Garfield Road from Millar Road to 17 Mile Road, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127313A	STP 1650(021)	HK1123	STU 50458

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$94,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,000.000	Ft
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0040	_ Aggregate Base Repair, 6A Stone, Modified	3027031	200.000	Ton
0050	Dr Structure Cover, Type B	4030010	6.000	Ea
0060	Dr Structure Cover, Type K	4030050	5.000	Ea
0070	Dr Structure Cover, Type Q	4030065	7.000	Ea
0080	_ Dr Structure, Adj, Add Depth, Modified	4037001	10.000	Ft
0090	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	37.000	Ea
0100	Lane Tie, Epoxy Anchored	6030030	10,000.000	Ea
0110	_ Expansion Joint Filler, 1.0 in x 9 in	6037001	500.000	Ft
0120	_ Pavt Repr, Nonreinf Conc, 9 inch, Modified	6037011	11,447.000	Syd
0130	_ Pavt Repr, Rem, Modified	6037011	11,447.000	Syd
0140	Hand Chipping, Other Than Deck	7120007	300.000	Cft
0150	Patch, Forming	7120017	300.000	Sft
0160	Patching Conc, C-L	7120112	12.000	Cyd
0170	Curb and Gutter, Conc, Det F1	8020035	1,000.000	Ft
0180	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,420.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	450.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,700.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,600.000	Ft
0220	Rem Spec Mrkg	8110343	1,500.000	Sft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,000.000	Ft
0290	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,280.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,280.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Turf Establishment, Modified	8167011	2,000.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1610 007

Letting Date: October 7, 2016

Contract ID: 80555-127133

Description: 0.56 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, detectable warning surface and pavement markings on Kalamazoo Street from Oak Street to the Bloomingdale east village limits, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127133A	STP 1680(017)	BB0061	STL 80555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,400.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	55.000	Ft
0040	Curb and Gutter, Rem	2040020	150.000	Ft
0050	Curb, Rem	2040021	260.000	Ft
0060	Pavt, Rem	2040050	30.000	Syd
0070	Sidewalk, Rem	2040055	190.000	Syd
0080	_ Above Ground Video Survey	2047051	1.000	LSUM
0090	Embankment, CIP	2050010	140.000	Cyd
0100	Excavation, Earth	2050016	2,825.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0120	Subbase, CIP	3010002	1,390.000	Cyd
0130	_ Aggregate Base, 8 inch, Mod	3027011	4,300.000	Syd
0140	Maintenance Gravel, LM	3060021	300.000	Cyd
0150	Trenching	3070200	15.000	Sta
0160	Sewer, Cl A, 12 inch, Tr Det B	4020033	100.000	Ft
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	62.000	Ft
0180	Sewer Tap, 6 inch	4021201	2.000	Ea
0190	Sewer Tap, 8 inch	4021202	2.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0210	Dr Structure Cover, Type B	4030010	1.000	Ea
0220	Dr Structure Cover, Type C	4030015	1.000	Ea
0230	Dr Structure Cover, Type D	4030025	3.000	Ea
0240	Dr Structure Cover, Type K	4030050	5.000	Ea
0250	Dr Structure, 24 inch dia	4030200	5.000	Ea
0260	Dr Structure, 48 inch dia	4030210	2.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	3.000	Ea

0280	_ Dr Structure Cover, Mod	4037050	1.000	Ea
0290	Underdrain, Subbase, 6 inch	4040063	1,600.000	Ft
0300	HMA Surface, Rem	5010005	4,180.000	Syd
0310	HMA, 13A	5010033	2,235.000	Ton
0320	HMA, 36A	5010034	1,490.000	Ton
0330	HMA Approach	5010061	115.000	Ton
0340	_ Cold Milling HMA Surface, Mod	5017011	7,350.000	Syd
0350	Driveway, Nonreinf Conc, 6 inch	8010005	70.000	Syd
0360	Curb and Gutter, Conc, Det F4	8020038	1,050.000	Ft
0370	Driveway Opening, Conc, Det M	8020050	700.000	Ft
0380	Detectable Warning Surface	8030010	80.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	465.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	1,430.000	Sft
0410	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0420	Post, Steel, 3 lb	8100371	108.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	140.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	8110052	2.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	6.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,900.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,300.000	Ft
0500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	1,330.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	1,330.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Fertilizer, Chemical Nutrient, CI A	8160020	110.000	Lb
0590	Mulch	8160025	2,300.000	Syd
0600	Mulch Anchoring	8160026	2,300.000	Syd
0610	Seeding, Mixture TDS	8160037	105.000	Lb
0620	Topsoil Surface, Furn, 6 inch	8160064	60.000	Syd
0630	Topsoil Surface, Salv, 6 inch	8160079	2,200.000	Syd
0640	Monument Box Adjust	8210005	2.000	Ea
0650	Monument Preservation	8210010	1.000	Ea
0660	Gate Box, Adj, Case 1	8230431	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1610 008

Letting Date: October 7, 2016

Contract ID: 63400-124724

Description: Traffic signal upgrades, concrete curb, gutter and ramps, pedestrian pushbuttons and signals, wireless vehicle detection, cabinets and mast arm signals at 3 locations on Walnut Lake Road from Farmington Road to Shaun Road, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124724A	CMG 1663(051)	JJ5539	CMG 63400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Curb and Gutter, Rem	2040020	59.000	Ft
0040	Sidewalk, Rem	2040055	183.000	Syd
0050	_ Exploration for Utility Location	2047021	25.000	Cyd
0060	Embankment, CIP	2050010	15.000	Cyd
0070	_ Excavation, Earth, RCOC	2057011	281.000	Syd
0080	_ Erosion Control, Silt Fence, RCOC	2087001	440.000	Ft
0090	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	1.000	Ea
0100	Subbase, CIP	3010002	22.000	Cyd
0110	_ Aggregate Base, 6 inch, CIP, 21AA, RCOC	3027011	111.000	Syd
0120	Shoulder, CI II	3070121	6.000	Ton
0130	Culv, CI F, CSP, 12 inch	4010675	16.000	Ft
0140	_ Public Utility Structure, Adj, Add Depth	4037001	1.000	Ft
0150	_ Public Utility Structure Cover, Adj, Case 1	4037050	1.000	Ea
0160	HMA Surface, Rem	5010005	24.000	Syd
0170	Edge Trimming	5010009	155.000	Ft
0180	Hand Patching	5010025	10.000	Ton
0190	Curb and Gutter, Conc, Det F4	8020038	59.000	Ft
0200	Sidewalk Ramp, Conc, 4 inch	8030034	1,217.000	Sft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	429.000	Sft
0220	_ Detectable Warning Surface, RCOC	8037001	49.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	49.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea

0280	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	_ Turf Establishment, Seed, Performance, RCOC	8167011	556.000	Syd
0330	Cable Pole, TS, Disman	8190010	2.000	Ea
0340	Conduit, DB, 1, 1 1/4 inch	8190026	220.000	Ft
0350	Conduit, DB, 1, 3 inch	8190029	190.000	Ft
0360	Conduit, DB, 2, 3 inch	8190032	155.000	Ft
0370	Conduit, DB, 3, 4 inch	8190036	15.000	Ft
0380	Hh, Rem	8190254	5.000	Ea
0390	Hh, Round	8190260	13.000	Ea
0400	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
0410	Wood Pole, Rem	8190505	2.000	Ea
0420	Conduit, Directional Bore, 1, 3 inch	8190602	160.000	Ft
0430	Conduit, Directional Bore, 1, 4 inch	8190603	525.000	Ft
0440	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	370.000	Ft
0450	_ Hh, Square, RCOC	8197050	1.000	Ea
0460	Controller and Cabinet, Rem	8200030	3.000	Ea
0470	Controller Fdn, Base Mount	8200045	1.000	Ea
0480	Digital Loop Detector	8200055	3.000	Ea
0490	Fdn, Rem	8200065	3.000	Ea
0500	Pedestal, Alum	8200100	6.000	Ea
0510	Pedestal, Fdn	8200105	6.000	Ea
0520	Pedestal Fdn, Rem	8200106	1.000	Ea
0530	Pedestal, Rem	8200110	1.000	Ea
0540	Pushbutton and Sign	8200121	6.000	Ea
0550	Pushbutton, Rem	8200122	6.000	Ea
0560	Serv Disconnect	8200135	3.000	Ea
0570	Serv Disconnect, Rem	8200136	3.000	Ea
0580	Span Wire, Rem	8200141	3.000	Ea
0590	Steel Pole, Rem	8200145	3.000	Ea
0600	Traf Loop	8200170	7.000	Ea
0610	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0620	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
0630	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0640	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
0650	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0660	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0670	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0680	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0690	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea

0700	TS, One Way Mast Arm Mtd (LED)	8200359	16.000	Ea
0710	Wireless Vehicle Detection System	8200422	1.000	Ea
0720	Wireless Vehicle Sensor Node	8200425	15.000	Ea
0730	_ Cellular Modem, Integrate, RCOC	8207050	3.000	Ea
0740	_ Controller and Cabinet, Digital Type, Delivered, RCOC	8207050	3.000	Ea
0750	_ Controller and Cabinet, Digital Type, RCOC	8207050	3.000	Ea
0760	_ Mast Arm Std Fdn, RCOC	8207050	7.000	Ea
0770	_ Mast Arm Std, 21 foot, RCOC	8207050	7.000	Ea
0780	_ Mast Arm, RCOC	8207050	8.000	Ea
0790	_ Pushbutton Support Post, RCOC	8207050	4.000	Ea
0800	_ Support Post, Rem, RCOC	8207050	4.000	Ea
0810	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1610 009

Letting Date: October 7, 2016

Contract ID: 79609-127418

Description: Horizontal curve signing upgrades with reflective sheeting on sign posts, pavement markings, intersection conflict warning system and guardrail on East Dayton Road from Bevens Road to M-24, Tuscola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127418A	HRRR 1679(015)	RT0495	HRRR 79609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,200.00	1500001	1.000	LSUM
0020	Ditch Cleanout	2050006	8.000	Sta
0030	Approach, CI II	3070021	84.000	Ton
0040	Culv, CI F, 12 inch	4010607	210.000	Ft
0050	Guardrail, Type B	8070000	1,450.000	Ft
0060	Guardrail, Curved, Type B	8070010	25.000	Ft
0070	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0080	Guardrail Reflector	8070080	64.000	Ea
0090	Post, Mailbox	8070095	55.000	Ea
0100	_ Guardrail Approach Terminal, Type 2B, Modified	8077050	7.000	Ea
0110	Delineator Reflector	8100130	8.000	Ea
0120	Post, Delineator	8100350	8.000	Ea
0130	Post, Steel, 3 lb	8100371	1,980.000	Ft
0140	Post, Wood, 4 inch by 6 inch	8100380	60.000	Ft
0150	Sign, Type II, Rem	8100397	2.000	Ea
0160	Sign, Type III, Rem	8100403	69.000	Ea
0170	Sign, Type IIIA	8100404	224.000	Sft
0180	Sign, Type IIIB	8100405	527.000	Sft
0190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	58.000	Ea
0200	Pavt Mrkg, Polyurea, 4 inch, White	8110091	49,210.000	Ft
0210	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	37,760.000	Ft
0220	Recessing Pavement Markings, Longit	8110450	86,970.000	Ft
0230	Barricade, Type III, High Intensity, Lighted, Furn	8120022	1.000	Ea
0240	Barricade, Type III, High Intensity, Lighted, Oper	8120023	1.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	410.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	410.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Slope Restoration	8167011	1,850.000	Syd
0340	_ Flashing Beacon System A	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1610 010

Letting Date: October 7, 2016

Contract ID: 06141-131081

Description: Application of pavement markings on various routes countywide, Arenac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131081A	STP 1606(004)	RT0503	STL 06141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$6,400.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	352.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	7.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	553,000.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	218,000.000	Ft
0090	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1610 011

Letting Date: October 7, 2016

Contract ID: 15029-122112

Description: 3.24 mi of hot mix asphalt shared-use path, retaining walls and grading on US-31 from Waller Road to Boyne City Road and on Boyne City Road from US-31 to Quarterline Road, Charlevoix County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122112A	TAP 1615(007)	HK1122	TAL 15029

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$106,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	4.000	Acre
0030	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	186.000	Ft
0060	Curb and Gutter, Rem	2040020	185.000	Ft
0070	Fence, Rem	2040025	2,175.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0090	Embankment, CIP	2050010	10,050.000	Cyd
0100	Excavation, Earth	2050016	4,440.000	Cyd
0110	Erosion Control, Silt Fence	2080036	10,000.000	Ft
0120	Subbase, CIP	3010002	650.000	Cyd
0130	Approach, CI I	3070001	300.000	Ton
0140	Approach, CI II	3070021	55.000	Ton
0150	Geotextile, Stabilization	3080010	2,100.000	Syd
0160	Culv End Sect, 15 inch	4010015	30.000	Ea
0170	Culv End Sect, 18 inch	4010018	3.000	Ea
0180	Culv, CI A, 15 inch	4010132	44.000	Ft
0190	Culv, CI E, 18 inch	4010541	24.000	Ft
0200	Culv, CI F, 15 inch	4010608	816.000	Ft
0210	Dr Marker Post	4011109	7.000	Ea
0220	Sewer, CI E, 15 inch, Tr Det B	4020601	1,220.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0240	Dr Structure Cover, Type D	4030025	6.000	Ea
0250	Dr Structure Cover, Type J	4030045	1.000	Ea
0260	Dr Structure, 48 inch dia	4030210	5.000	Ea
0270	HMA Surface, Rem	5010005	940.000	Syd
0280	Hand Patching	5010025	20.000	Ton

0290	HMA Approach	5010061	215.000	Ton
0300	Conc, Grade P1	6020030	2.000	Cyd
0310	Reinforcement, Steel	7060090	50.000	Lb
0320	_ Boulder Retaining Wall	7107010	100.000	Sft
0330	_ Segmental Retaining Wall	7107010	2,436.000	Sft
0340	Curb and Gutter, Conc, Det B2	8020016	90.000	Ft
0350	Detectable Warning Surface	8030010	160.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	1,700.000	Sft
0370	Curb Sloped, HMA	8050010	1,950.000	Ft
0380	Shared use Path, HMA	8060040	2,125.000	Ton
0390	_ Shared use Path, Aggregate, Special	8067011	20,900.000	Syd
0400	_ Wood Fence	8087001	2,740.000	Ft
0410	_ Wood Fence, Post and Three Rail	8087001	430.000	Ft
0420	_ Wood Fence, Post and Two Rail	8087001	975.000	Ft
0430	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	10.000	Ea
0440	Post, Flexible, Delineator	8100360	10.000	Ea
0450	Post, Steel, 3 lb	8100371	192.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0470	Sign, Type III, Rem	8100403	8.000	Ea
0480	Sign, Type IIIA	8100404	36.000	Sft
0490	Sign, Type IIIB	8100405	87.000	Sft
0500	_ Sign, Type IIIB, Modified	8107050	2.000	Ea
0510	_ Trail Sign Post	8107050	18.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	340.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	130.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	186.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
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	250.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	574.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	574.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Riprap, Plain	8130010	20.000	Syd
0680	Fertilizer, Chemical Nutrient, CI A	8160020	1,400.000	Lb
0690	Mulch	8160025	28,000.000	Syd
0700	Mulch Anchoring	8160026	28,000.000	Syd
0710	Mulch Blanket	8160027	10,000.000	Syd

0720	Seeding, Mixture TDS	8160037	1,750.000	Lb
0730	Topsoil Surface, Furn, 3 inch	8160061	22,800.000	Syd
0740	Topsoil Surface, Salv, 3 inch	8160076	15,200.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1610 012

Letting Date: October 7, 2016

Contract ID: 11017-128538

Description: 3.82 mi of multi-course hot mix asphalt overlay, median shoulder widening, pavement reconstruction under structure to maintain vertical clearance, installation of median cable barrier, guardrail and pavement markings on I-94 eastbound from west of Hennesey Road to east of the Van Buren county line, Berrien and Van Buren Counties. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128538A	N/A	N/A	GF16 11017

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$534,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	5.980	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	25.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	139.000	Ft
0090	Curb and Gutter, Rem	2040020	480.000	Ft
0100	Guardrail, Rem	2040035	3,887.000	Ft
0110	Pavt, Rem	2040050	1,227.000	Syd
0120	Ditch Cleanout	2050006	1.000	Sta
0130	Embankment, CIP	2050010	16,305.000	Cyd
0140	Excavation, Earth	2050016	39,551.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0160	Subgrade Undercutting, Type I	2050040	75.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	280.000	Ft
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	96.000	Ea
0220	Erosion Control, Silt Fence	2080036	5,170.000	Ft
0230	_ Permeable Runoff Structure	2087001	720.000	Ft
0240	Subbase, CIP	3010002	15,007.000	Cyd
0250	Aggregate Base, 4 inch	3020010	196.000	Syd

0260	Aggregate Base, 6 inch	3020016	22,159.000	Syd
0270	Shoulder, CI II	3070121	2,991.000	Ton
0280	Shoulder, CI II, 6 inch	3070128	690.000	Syd
0290	Culv End Sect, 12 inch	4010012	5.000	Ea
0300	Culv, CI E, 15 inch	4010540	112.000	Ft
0310	Culv, CI F, 12 inch	4010607	88.000	Ft
0320	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	1.000	Ea
0330	Culv, Slp End Sect, 1 on 6, 15 inch, Transv	4010950	1.000	Ea
0340	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0350	Dr Structure Cover, Type G	4030040	1.000	Ea
0360	Dr Structure Cover, Type K	4030050	1.000	Ea
0370	Dr Structure, 48 inch dia	4030210	1.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	2,600.000	Ft
0390	Underdrain Outlet, 6 inch	4040093	220.000	Ft
0400	Underdrain, Outlet Ending, 6 inch	4040113	11.000	Ea
0410	Pavt, Cleaning	5010001	1.000	LSUM
0420	Cold Milling HMA Surface	5010002	19,577.000	Syd
0430	Bump Grinding	5010004	100.000	Syd
0440	HMA Surface, Rem	5010005	8,146.000	Syd
0450	HMA Quality Initiative	5010007	71,082.000	Dlr
0460	Pavt for Butt Joints, Rem	5010008	14,740.000	Syd
0470	Longitudinal Joint Density Quality Initiative	5010018	135,384.000	Dlr
0480	Hand Patching	5010025	50.000	Ton
0490	HMA, 3E3	5010045	7,271.000	Ton
0500	HMA, 3E30	5010047	8,861.000	Ton
0510	HMA, 4E3	5010051	9,470.000	Ton
0520	HMA, 5E30	5010059	4,070.000	Ton
0530	HMA Approach	5010061	538.000	Ton
0540	HMA, Temp Pavt (3E3)	5010804	2,540.000	Ton
0550	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	5,331.000	Ton
0560	_ Ride Incentive	5017060	24,344.000	Dlr
0570	Curb and Gutter, Bridge Approach	8020010	6.000	Ft
0580	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0590	Downspout Header, Conc	8020070	2.000	Ea
0600	Spillway, Conc	8020075	8.000	Ft
0610	_ Curb and Gutter, Conc, Det D1, Modified	8027001	483.000	Ft
0620	Guardrail, Type T	8070002	2,800.000	Ft
0630	Guardrail Anch, Bridge, Det T1	8070022	5.000	Ea
0640	Guardrail Anch, Bridge, Det T6	8070027	3.000	Ea
0650	Guardrail Approach Terminal, Type 1T	8070041	2.000	Ea
0660	Guardrail Approach Terminal, Type 2T	8070043	7.000	Ea
0670	Guardrail Departing Terminal, Type T	8070051	3.000	Ea
0680	Guardrail Reflector	8070080	66.000	Ea
0690	Cable Barrier, High Tension, Salv	8070201	11,153.000	Ft

0700	Cable Barrier, High Tension, Reconst	8070202	11,153.000	Ft
0710	Cable Barrier, Furn and Install (CASS, 4:1 Slope)	8070203	100.000	Ft
0720	Cable Barrier Terminal, Furn and Install (CASS)	8070205	1.000	Ea
0730	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	1,120.000	Ea
0740	Cable Barrier, High Tension, Line Post Fdn	8070221	1,130.000	Ea
0750	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	10.000	Ea
0760	Cable Barrier, High Tension, End Term Fdn	8070223	10.000	Ea
0770	Cable, 1000 ft Spool	8070250	2.000	Ea
0780	Cable Barrier, Intermediate Line Post	8070251	100.000	Ea
0790	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	10.000	Ea
0800	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
0810	Cable Barrier, Socket, Conc Fdn	8070254	25.000	Ea
0820	Cable Barrier, Turnbuckle	8070256	5.000	Ea
0830	Cable Barrier, Reflector	8070257	100.000	Ea
0840	Cable Barrier, Excluder Cap	8070258	100.000	Ea
0850	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
0860	Cable Barrier, Cable Splice Kit	8070260	10.000	Ea
0870	Cable Barrier Terminal, Materials	8070261	1.000	Ea
0880	Cable Barrier, High Tension, Repair Labor	8070262	1,000.000	Dlr
0890	Column, Breakaway, W8 x 13	8100120	2.000	Ea
0900	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0910	Delineator Reflector	8100130	230.000	Ea
0920	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	4.000	Ea
0930	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	2.000	Ea
0940	Delineator, Reflective Sheeting, 3 inch by 6 inch, Yellow	8100143	20.000	Ea
0950	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
0960	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0970	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
0980	Fdn, Wood Support, Rem	8100280	34.000	Ea
0990	Post, Delineator	8100350	191.000	Ea
1000	Post, Flexible, Delineator	8100360	22.000	Ea
1010	Post, Steel, 3 lb	8100371	540.000	Ft
1020	Post, Wood, 4 inch by 6 inch	8100380	482.000	Ft
1030	Post, Wood, 6 inch by 8 inch	8100382	132.000	Ft
1040	Sign, Type I, Erect, Salv	8100390	3.000	Ea
1050	Sign, Type I, Rem	8100391	3.000	Ea
1060	Sign, Type II, Erect, Salv	8100396	13.000	Ea
1070	Sign, Type II, Rem	8100397	17.000	Ea
1080	Sign, Type III, Erect, Salv	8100402	57.000	Ea
1090	Sign, Type III, Rem	8100403	57.000	Ea
1100	Sign, Type IVB	8100411	32.000	Sft
1110	Reflective Panel for Permanent Sign Support, 3 foot	8100613	6.000	Ea
1120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	14.000	Ea

1130	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
1140	Pavt Mrkg, Polyurea, 6 inch, White	8110094	20,930.000	Ft
1150	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	20,600.000	Ft
1160	Pavt Mrkg, Polyurea, 12 inch, White	8110111	812.000	Ft
1170	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	9,150.000	Ft
1180	Recessing Pavement Markings, Longit	8110450	42,342.000	Ft
1190	Recessing Pavement Markings, Transv	8110451	35.000	Sft
1200	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
1210	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
1220	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1230	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1240	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1250	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1260	Ltg for Night Work	8120160	1.000	LSUM
1270	Minor Traf Devices	8120170	1.000	LSUM
1280	Mobile Attenuator	8120180	2.000	Ea
1290	Pavt Mrkg Cover, Type R, Black	8120200	2,000.000	Ft
1300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	28,515.000	Ft
1310	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	14,200.000	Ft
1320	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	5,000.000	Ft
1330	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	86,075.000	Ft
1340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	50,140.000	Ft
1350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	66,780.000	Ft
1360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	33,725.000	Ft
1370	Plastic Drum, High Intensity, Furn	8120250	510.000	Ea
1380	Plastic Drum, High Intensity, Oper	8120251	510.000	Ea
1390	Sign Cover	8120310	8.000	Ea
1400	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
1410	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
1420	Sign, Type B, Temp, Prismatic, Furn	8120350	1,256.000	Sft
1430	Sign, Type B, Temp, Prismatic, Oper	8120351	1,256.000	Sft
1440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	68.000	Sft
1450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	68.000	Sft
1460	_ Delineator, Panels, Temp, Furn	8127050	300.000	Ea
1470	_ Delineator, Panels, Temp, Oper	8127050	300.000	Ea
1480	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
1490	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
1500	Riprap, Plain	8130010	13.000	Syd
1510	Slope Restoration, Type A	8160100	92,750.000	Syd
1520	Slope Restoration, Type B	8160101	15,500.000	Syd

1530	Slope Restoration, Type C	8160102	4,000.000	Syd
1540	_ Topsoil, Special	8167021	63.000	Cyd
1550	Monument Box Adjust	8210005	1.000	Ea
1560	Monument Preservation	8210010	1.000	Ea
1570	Protect Corners	8210020	3.000	Ea
1580	Shoulder Corrugations, Ground or Cut, HMA	8220001	35,945.000	Ft
1590	Contractor Staking	8240001	1.000	LSUM
1600	Staking Plan Errors and Extras, One Person	8240020	45.000	Hr
1610	Staking Plan Errors and Extras, Two Person	8240021	18.000	Hr
1620	Staking Plan Errors and Extras, Three Person	8240022	27.000	Hr

Section: 2

1630	Backfill, Structure, CIP	2060002	7.000	Cyd
1640	Excavation, Fdn	2060010	10.000	Cyd
1650	Reinforcement, Steel, Epoxy Coated	7060092	707.000	Lb
1660	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	39.000	Ea
1670	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	14.000	Ea
1680	Filler Wall Conc	7120087	11.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 1610 013

Letting Date: October 7, 2016

Contract ID: 18032-131193

Description: 3.33 mi of hot mix asphalt pavement repairs, cold milling and overlay, sewer and drainage improvements, concrete curb, gutter and sidewalk construction, and permanent pavement markings on US-127BR from Townline Lake Road northerly to Arnold Lake Road in the city of Harrison, Clare County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131193A	N/A	N/A	M 18032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$200,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	105.000	Ft
0030	Ditch Cleanout	2050006	5.000	Sta
0040	Embankment, CIP	2050010	850.000	Cyd
0050	Excavation, Earth	2050016	150.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0090	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	5.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,400.000	Ft
0120	Aggregate Base, 6 inch	3020016	6,600.000	Syd
0130	Trenching	3070200	80.000	Sta
0140	_ Shoulder, CI II, Modified	3077031	1,260.000	Ton
0150	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0160	Sewer, CI E, 18 inch, Tr Det B	4020602	100.000	Ft
0170	Dr Structure Cover, Type J	4030045	2.000	Ea
0180	Dr Structure, 24 inch dia	4030200	1.000	Ea
0190	Dr Structure, 48 inch dia	4030210	1.000	Ea
0200	Cold Milling HMA Surface	5010002	90,500.000	Syd
0210	Bump Grinding	5010004	800.000	Syd
0220	HMA Surface, Rem	5010005	600.000	Syd
0230	HMA Quality Initiative	5010007	55,300.000	Dlr
0240	Longitudinal Joint Density Quality Initiative	5010018	86,500.000	Dlr
0250	Pavt Joint and Crack Repr, Det 7	5010020	780.000	Ft
0260	Pavt Joint and Crack Repr, Det 8	5010021	3,100.000	Ft

0270	Hand Patching	5010025	375.000	Ton
0280	HMA, 4E1	5010050	7,525.000	Ton
0290	HMA, 5E1	5010056	7,830.000	Ton
0300	HMA Approach	5010061	350.000	Ton
0310	HMA, 4E1, High Stress	5010508	500.000	Ton
0320	HMA, 5E1, High Stress	5010514	475.000	Ton
0330	_ Shoulder Gutter, HMA	5017001	3,204.000	Ft
0340	_ Ride Incentive	5017060	23,413.000	Dlr
0350	HMA, Temp Pavt (LVSP)	5020807	50.000	Ton
0360	Curb and Gutter, Conc, Det B2	8020016	650.000	Ft
0370	Curb and Gutter, Conc, Det D2	8020031	90.000	Ft
0380	Curb and Gutter, Conc, Det F2	8020036	15.000	Ft
0390	Sidewalk, Conc, 4 inch	8030044	1,935.000	Sft
0400	Post, Mailbox	8070095	25.000	Ea
0410	Post, Steel, 3 lb	8100371	70.000	Ft
0420	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0430	Sign, Type II, Rem	8100397	3.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0470	Pavt Mrkg, Waterborne, 4 inch, White	8110231	830.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	33,485.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	36,960.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	830.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	33,485.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	36,960.000	Ft
0530	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0540	Recessing Pavement Markings, Longit	8110450	71,275.000	Ft
0550	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0560	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Mobile Attenuator	8120180	2.000	Ea
0610	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	35,200.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	70,400.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	12,300.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,500.000	Ft
0660	Sign Cover	8120310	6.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,044.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,044.000	Sft

0690	Traf Regulator Control	8120370	1.000	LSUM
0700	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0710	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0720	Riprap, Plain	8130011	5.000	Ton
0730	_ Turf Establishment, Performance-No Rye	8167011	10,000.000	Syd
0740	Traf Loop	8200170	4.000	Ea
0750	TS, Bag	8200450	48.000	Ea
0760	TS, Bag, Rem	8200451	48.000	Ea
0770	Monument Box Adjust	8210005	1.000	Ea
0780	Monument Preservation	8210010	1.000	Ea
0790	Centerline Corrugations, Milled, HMA	8220013	6,600.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1610 014

Letting Date: October 7, 2016

Contract ID: 61121-123847

Description: 4.49 mi of trail and bridge construction, safety improvements at railroad and road crossings and root control barriers on Whitehall Road from McMillan Road south to Lake Avenue in the city of North Muskegon, Muskegon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123847A	TAP 1661(016)	HK1110	TAUL 61121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$154,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	5.000	Acre
0030	Clearing, Fence	2010002	4.000	Sta
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Curb and Gutter, Rem	2040020	640.000	Ft
0060	Fence, Rem	2040025	544.000	Ft
0070	Pavt, Rem	2040050	1,095.000	Syd
0080	Sidewalk, Rem	2040055	60.000	Syd
0090	Embankment, CIP	2050010	2,844.000	Cyd
0100	Excavation, Earth	2050016	7,423.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	80.000	Cyd
0120	Erosion Control, Silt Fence	2080036	1,300.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Subbase, CIP	3010002	1,000.000	Cyd
0150	Aggregate Base	3020001	100.000	Ton
0160	_ Aggregate Base, Modified	3027011	29,969.000	Syd
0170	Geotextile, Separator	3080005	820.000	Syd
0180	_ Geogrid, Modified	3087011	820.000	Syd
0190	Culv End Sect, 24 inch	4010024	4.000	Ea
0200	Culv End Sect, Conc, 12 inch	4010047	8.000	Ea
0210	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0220	Culv, CI A, 24 inch	4010134	48.000	Ft
0230	Culv, CI B, 24 inch	4010236	48.000	Ft
0240	Culv, CI E, 12 inch	4010539	208.000	Ft
0250	Culv, CI E, 15 inch	4010540	32.000	Ft
0260	Culv, CI E, 24 inch	4010542	32.000	Ft
0270	Sewer, CI A, 12 inch, Tr Det A	4020004	50.000	Ft

0280	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0300	Dr Structure Cover, Type E	4030035	1.000	Ea
0310	Dr Structure, 24 inch dia	4030200	1.000	Ea
0320	_ Dr Structure Cover, Type D, Modified	4037050	1.000	Ea
0330	_ Dr Structure, 48 Inch Dia, Modified	4037050	1.000	Ea
0340	Underdrain, Bank, 6 inch	4040003	300.000	Ft
0350	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0360	HMA Approach	5010061	100.000	Ton
0370	_ HMA Spillway	5017001	25.000	Ft
0380	_ Modular Block Retaining Wall (Small Block)	7067010	140.000	Sft
0390	_ Round Footing, Conc, 24 Inch Round x 84 Inch High	7067050	4.000	Ea
0400	_ Round Footing, Conc, 36 Inch Round x 84 Inch High	7067050	10.000	Ea
0410	_ Rub Rail	7097001	1,076.000	Ft
0420	_ Bridge Barrier Railing, Type 4, Modified	7117001	35.000	Ft
0430	Driveway, Nonreinf Conc, 6 inch	8010005	560.000	Syd
0440	Curb and Gutter, Conc, Det B2	8020016	185.000	Ft
0450	Curb and Gutter, Conc, Det F4	8020038	480.000	Ft
0460	Detectable Warning Surface	8030010	353.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	3,470.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	300.000	Sft
0490	Shared use Path, Grading	8060030	19,150.000	Ft
0500	Shared use Path, HMA	8060040	5,843.000	Ton
0510	Guardrail, Type B	8070000	701.000	Ft
0520	Guardrail Approach Terminal, Type 2B	8070042	6.000	Ea
0530	Guardrail Reflector	8070080	40.000	Ea
0540	Post, Mailbox	8070095	5.000	Ea
0550	_ Terminal End Shoe, Type B	8077050	1.000	Ea
0560	Fence, Woven Wire with Steel Post	8080002	13,400.000	Ft
0570	Fence Gate, 12 foot, for Woven Wire	8080005	2.000	Ea
0580	Fence, Chain Link, 48 inch	8080011	732.000	Ft
0590	Fence Gate, 8 foot, for 48 inch Chain Link Fence	8080041	4.000	Ea
0600	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	100.000	Ft
0610	_ Fence, Chain Link, 48 Inch, Modified	8087001	32.000	Ft
0620	_ Fence Gate, 12 Ft, For 72 Inch Chain Link Fence, Modified	8087050	1.000	Ea
0630	_ Gate, Chain Link, 18 foot, for 48 inch Chain Link Fence	8087050	1.000	Ea
0640	_ Gate, Rolling, 12 Ft x 72 Inch With 3 Strand Barbed Wire	8087050	2.000	Ea
0650	_ Salvage and Reinstall Gate	8087050	1.000	Ea
0660	Post, Steel, 3 lb	8100371	900.000	Ft
0670	Sign, Type IIIA	8100404	55.000	Sft
0680	Sign, Type IIIB	8100405	309.000	Sft
0690	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,020.000	Ft

0700	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	235.000	Ft
0710	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0720	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0730	Rem Spec Mrkg	8110343	60.000	Sft
0740	Channelizing Device, 42 inch, Furn	8120030	90.000	Ea
0750	Channelizing Device, 42 inch, Oper	8120031	90.000	Ea
0760	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0770	Lighted Arrow, Type B, Oper	8120131	3.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0810	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0820	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0850	Riprap, Plain	8130010	195.000	Syd
0860	Mulch Blanket	8160027	250.000	Syd
0870	Slope Restoration, Type A	8160100	23,300.000	Syd
0880	Slope Restoration, Type B	8160101	5,100.000	Syd
0890	Slope Restoration, Type C	8160102	2,600.000	Syd
0900	Slope Restoration, Type D	8160103	1,450.000	Syd
0910	_ Slope Restoration, Type E	8167011	11,300.000	Syd
0920	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
0930	Conduit, DB, 1, 3 inch	8190029	42.000	Ft
0940	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
0950	Hh, Round	8190260	3.000	Ea
0960	Pedestal, Alum	8200100	6.000	Ea
0970	Pedestal, Fdn	8200105	6.000	Ea
0980	Pushbutton and Sign	8200121	6.000	Ea
0990	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
1000	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1010	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
1020	_ Water Main, CL 52, 8 Inch	8237001	35.000	Ft
1030	_ Water Main Insulation, 2 Inch	8237010	80.000	Sft
1040	_ Bend, 11.25 Degree, 8 Inch	8237050	1.000	Ea
1050	_ Bend, 22.5 Degree, 8 Inch	8237050	8.000	Ea
1060	_ Bend, 45 Degree, 8 Inch	8237050	1.000	Ea
1070	_ Reducer, 6 Inch x 8 Inch	8237050	2.000	Ea
1080	_ Solid Sleeve, 6 Inch	8237050	2.000	Ea
1090	_ Grade Crossing, Ped, Construct	8507001	28.000	Ft

Section: 2

1100	Guardrail, Rem	2040035	150.000	Ft
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1110	Structures, Rem Portions	2040061	1.000	LSUM
1120	Excavation, Fdn	2060010	25.000	Cyd
1130	_ Backfill Structure, CIP, Modified	2067021	22.000	Cyd
1140	Conc, Grade S2	7060011	3.000	Cyd
1150	False Decking	7060060	490.000	Sft
1160	Reinforcement, Steel, Epoxy Coated	7060092	6,753.000	Lb
1170	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
1180	Superstructure Conc, Night Casting	7060113	27.000	Cyd
1190	Prest Conc Box Beam, Furn, 17 inch	7080055	70.000	Ft
1200	Prest Conc Box Beam, Erect, 17 inch	7080056	70.000	Ft
1210	_ Timber Boardwalk, 14 Foot Wide	7097001	62.000	Ft
1220	Joint Waterproofing	7100001	100.000	Sft
1230	_ Trail Bridge Chain Link Railing	7117001	55.000	Ft
1240	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	24.000	Ea
1250	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	24.000	Ea
1260	Curb and Gutter, Bridge Approach	8020010	34.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1610 015

Letting Date: October 7, 2016

Contract ID: 11413-131803

Description: Application of pavement markings on various routes in the city of Benton Harbor, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131803A	STP 1611(030)	HK1137	STUL 11413

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$5,600.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	5,560.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	700.000	Ft
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,501.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	7.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	17,207.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	103,943.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,655.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1610 016

Letting Date: October 7, 2016

Contract ID: 39609-127386

Description: 0.20 mi of traffic signal, disappearing legend case sign, concrete curb, gutter, sidewalk and ramps and pavement markings on South Westnedge Avenue at Romence Road in the city of Portage, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127386A	HSIP 1639(029)	KK4139	HSIP 39609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	80.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0040	Sidewalk, Rem	2040055	160.000	Syd
0050	Exploratory Investigation, Vertical	2040080	75.000	Ft
0060	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0070	_ Dr Structure Cover, Type K, Modified	4037050	1.000	Ea
0080	HMA Surface, Rem	5010005	35.000	Syd
0090	Hand Patching	5010025	3.000	Ton
0100	Conc Base Cse, Nonreinf, 7 inch	6020017	15.000	Syd
0110	_ Segmental Retaining Wall	7067011	30.000	Syd
0120	_ Curb and Gutter, Conc, Det C4, Modified	8027001	75.000	Ft
0130	Sidewalk Ramp, Conc, 7 inch	8030037	1,070.000	Sft
0140	Sidewalk, Conc, 7 inch	8030047	605.000	Sft
0150	_ Detectable Warning Surface, Cast Iron	8037001	70.000	Ft
0160	Band, Sign	8100010	46.000	Ea
0170	Sign, Type III, Rem	8100403	19.000	Ea
0180	Sign, Type IIIB	8100405	163.000	Sft
0190	Mast Arm Pole Fdn, 6 Bolt	8100550	78.000	Ft
0200	Mast Arm, Rem	8100560	4.000	Ea
0210	Mast Arm Std, Rem	8100570	4.000	Ea
0220	_ Mast Arm Pole, Cat II, Modified, Install	8107050	4.000	Ea
0230	_ Mast Arm, 45 foot, Cat II, Modified, Install	8107050	2.000	Ea
0240	_ Mast Arm, 55 foot, Cat II, Modified, Install	8107050	2.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	710.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	175.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea

0280	Rem Spec Mrkg	8110343	1,264.000	Sft
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Ltg for Night Work	8120160	1.000	LSUM
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0340	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	TS, Temp, Furn	8120400	1.000	Ea
0390	TS, Temp, Oper	8120401	1.000	Ea
0400	_ Project Sign	8127050	2.000	Ea
0410	_ Landscape Stone, Rem and Salv	8137011	50.000	Syd
0420	Slope Restoration, Type B	8160101	375.000	Syd
0430	Conduit, DB, 1, 1 1/2 inch	8190027	175.000	Ft
0440	Conduit, DB, 3, 3 inch	8190035	90.000	Ft
0450	Conduit, DB, 4, 3 inch	8190038	25.000	Ft
0460	Conduit, Rem	8190140	400.000	Ft
0470	Hh, Polymer Conc	8190250	3.000	Ea
0480	Hh, Rem	8190254	8.000	Ea
0490	Hh, Round, 3 foot Dia.	8190259	2.000	Ea
0500	Cable, Sec, 600V, 1, 3/C#6	8190399	250.000	Ft
0510	Conduit, Directional Bore, 1, 3 inch	8190602	120.000	Ft
0520	Conduit, Directional Bore, 2, 3 inch	8190604	280.000	Ft
0530	_ Cable, Fiber Optic, Multi Mode, 2, 6/C, in Conduit	8197001	350.000	Ft
0540	_ Cable, Fiber Optic, Single Mode, 3, 12/C, in Conduit	8197001	350.000	Ft
0550	_ Cable, Fiber Optic, Fusion Splice, 12/C or Less	8197050	5.000	Ea
0560	_ Light Std Arm, 10 foot, Install	8197050	3.000	Ea
0570	_ Linear Luminaire, Mast Arm Mtd (LED)	8197050	4.000	Ea
0580	_ Luminaire, Bracket Arm Mtd (LED)	8197050	3.000	Ea
0590	Controller and Cabinet, Rem	8200030	1.000	Ea
0600	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0610	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	4.000	Ea
0620	Controller Fdn, Base Mount	8200045	1.000	Ea
0630	Controller Fdn, Rem	8200046	1.000	Ea
0640	Fdn, Rem	8200065	4.000	Ea
0650	Pedestal, Fdn	8200105	7.000	Ea
0660	Pedestal Fdn, Rem	8200106	1.000	Ea
0670	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0680	Pushbutton and Sign	8200121	8.000	Ea
0690	Pushbutton, Rem	8200122	8.000	Ea
0700	Pushbutton Pedestal, Rem	8200124	1.000	Ea
0710	Serv Disconnect	8200135	1.000	Ea

0720	Serv Disconnect, Rem	8200136	1.000	Ea
0730	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0740	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	14.000	Ea
0750	Riser, Rem	8200185	2.000	Ea
0760	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0770	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0780	TS, One Way Mast Arm Mtd (LED)	8200359	3.000	Ea
0790	TS, Bag	8200450	20.000	Ea
0800	TS, Bag, Rem	8200451	20.000	Ea
0810	Casing	8200480	66.000	Ft
0820	_ Digital Video Encoder, H.264, 4 Channel	8207050	1.000	Ea
0830	_ Fiber Termination Panel, 48 Fiber	8207050	1.000	Ea
0840	_ Media Converter Switch, 4 Fiber, 8 Ethernet	8207050	1.000	Ea
0850	_ Media Converter, Multi Mode, 2 Fiber, 2 Serial	8207050	1.000	Ea
0860	_ Pedestal, Alum, Modified	8207050	2.000	Ea
0870	_ Pushbutton Pedestal, Alum, Modified	8207050	5.000	Ea
0880	_ TS, Backplate, 3 Section	8207050	3.000	Ea
0890	_ TS, Backplate, 5 Section	8207050	8.000	Ea
0900	_ TS, One Way Bracket Arm Mtd, Five Sect (LED)	8207050	4.000	Ea
0910	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	8.000	Ea
0920	_ TS, Uninterruptible Power System, Battery	8207050	6.000	Ea
0930	_ TS, Uninterruptible Power System, Salv	8207050	1.000	Ea
0940	_ Two Way Street Name Sign, Illuminated, 8 feet (LED)	8207050	4.000	Ea
0950	_ Two Way Street Name Sign, Illuminated, Rem	8207050	4.000	Ea
0960	_ Universal Camera Bracket and Extension	8207050	4.000	Ea
0970	_ Video Traffic Detection Camera, Rem, Modified	8207050	4.000	Ea
0980	_ Video Traffic Detection Camera, Salv	8207050	4.000	Ea
0990	_ Video Traffic Detection System, Rem, Modified	8207050	1.000	Ea
1000	_ Video Traffic Detection System, Salv	8207050	1.000	Ea
1010	_ Gate Box, Modified	8237050	1.000	Ea
1020	_ Gate Box, Rem	8237050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1610 017

Letting Date: October 7, 2016

Contract ID: 82061-120418

Description: Traffic signal modernization and concrete curb, gutter, sidewalk and ramp upgrades at 3 locations along US-12 (Michigan Avenue) in the cities of Dearborn and Dearborn Heights, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120418A	CMG 1682(298)	JJ5555	CMG 82061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	307.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Sidewalk, Rem	2040055	157.000	Syd
0050	Exploratory Investigation, Vertical	2040080	120.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	12.000	Cyd
0070	Subbase, CIP	3010002	5.000	Cyd
0080	Video Taping Sewer and Culv Pipe	4021275	2,500.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0100	Hand Patching	5010025	16.000	Ton
0110	Conc Pavt, Nonreinf, 9 inch	6020106	77.000	Syd
0120	Pavt Repr, Rem	6030080	55.000	Syd
0130	_ Pedestrian Path, Temp	8007001	20.000	Ft
0140	_ Pedestrian Ramp, Temp	8007050	20.000	Ea
0150	_ Vibration Monitoring	8007051	1.000	LSUM
0160	Curb, Conc, Det E4	8020004	200.000	Ft
0170	Curb and Gutter, Bridge Approach	8020010	15.000	Ft
0180	Curb and Gutter, Conc, Det C5	8020024	75.000	Ft
0190	Curb and Gutter, Conc, Det C6	8020025	122.000	Ft
0200	Curb and Gutter, Conc, Det D2	8020031	36.000	Ft
0210	Detectable Warning Surface	8030010	89.000	Ft
0220	Sidewalk Ramp, Conc, 6 inch	8030036	2,123.000	Sft
0230	Fence, Protective	8080007	100.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	360.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided,	8120013	12.000	Ea

	Lighted, Oper			
0280	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Mobile Attenuator	8120180	4.000	Ea
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0330	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft
0340	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0350	Sign Cover	8120310	4.000	Ea
0360	Sign, Type A, Temp, Prismatic, Furn	8120340	130.000	Sft
0370	Sign, Type A, Temp, Prismatic, Oper	8120341	130.000	Sft
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	_ Pedestrian Type II Channelizer, Temp	8127001	20.000	Ft
0420	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0430	Seeding, Mixture TUF	8160042	100.000	Lb
0440	Slope Restoration, Type A	8160100	300.000	Syd
0450	Cable Pole, TS, Disman	8190010	2.000	Ea
0460	Conduit, DB, 1, 1 1/2 inch	8190027	390.000	Ft
0470	Conduit, DB, 1, 3 inch	8190029	270.000	Ft
0480	Conduit, DB, 3, 3 inch	8190035	120.000	Ft
0490	Conduit, DB, 4, 3 inch	8190038	60.000	Ft
0500	Hh, Rem	8190254	6.000	Ea
0510	Hh, Round, 3 foot Dia.	8190259	3.000	Ea
0520	Hh, Round	8190260	11.000	Ea
0530	Cable, Sec, 600V, 1, 3/C#6	8190399	240.000	Ft
0540	Cable, Sec, Triplex, 1, 3/C#4	8190418	800.000	Ft
0550	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0560	Conduit, Directional Bore, 1, 3 inch	8190602	200.000	Ft
0570	Case Sign, Rem	8200020	3.000	Ea
0580	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	6.000	Ea
0590	Conduit Repr, Under Sidewalk or Earth	8200028	50.000	Ft
0600	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
0610	Controller and Cabinet, Rem	8200030	3.000	Ea
0620	Controller and Cabinet, Digital Type	8200031	3.000	Ea
0630	Controller Fdn, Base Mount	8200045	3.000	Ea
0640	Fdn, Rem	8200065	2.000	Ea
0650	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
0660	Pedestal, Alum	8200100	9.000	Ea
0670	Pedestal, Fdn	8200105	9.000	Ea
0680	Pedestal Fdn, Rem	8200106	6.000	Ea
0690	Pedestal, Rem	8200110	6.000	Ea
0700	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
0710	Pushbutton and Sign	8200121	12.000	Ea

0720	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0730	Riser	8200125	1.000	Ea
0740	Serv Disconnect	8200135	2.000	Ea
0750	Serv Disconnect, Rem	8200136	2.000	Ea
0760	Span Wire	8200140	11.000	Ea
0770	Span Wire, Rem	8200141	4.000	Ea
0780	Span Wire Tether	8200142	11.000	Ea
0790	Steel Pole, Rem	8200145	1.000	Ea
0800	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
0810	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0820	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0830	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
0840	TS, Pedestrian, Pedestal Mtd, Rem	8200181	6.000	Ea
0850	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0860	TS, Wireless Link, 5 Gigahertz, Master	8200274	3.000	Ea
0870	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	2.000	Ea
0880	TS, One Way Span Wire Mtd (LED)	8200313	29.000	Ea
0890	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
0900	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
0910	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0920	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0930	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0940	Bracket, Truss, With 18 Foot Arm	8200378	3.000	Ea
0950	Wireless Vehicle Detection System	8200422	3.000	Ea
0960	Wireless Vehicle Sensor Node	8200425	17.000	Ea
0970	Junction Box, Span Wire	8200456	5.000	Ea
0980	Junction Box, Rem	8200457	5.000	Ea
0990	Strain Pole, Steel, 6 bolt, 30 foot	8200460	11.000	Ea
1000	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1010	Strain Pole Fdn, 6 Bolt	8200470	176.000	Ft
1020	Casing	8200480	124.000	Ft
1030	Backplate, TS	8200501	33.000	Ea
1040	Contractor Staking, Road Only	8240007	1.000	LSUM
1050	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
1060	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1070	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1610 018

Letting Date: October 7, 2016

Contract ID: 73101-131112

Description: Converting high pressure sodium light fixtures to LED light fixtures on I-675, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131112A	STP 1673(238)	HK1160	ST 73101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,700.00	1500001	1.000	LSUM
0020	Minor Traf Devices	8120170	1.000	LSUM
0030	Mobile Attenuator	8120180	2.000	Ea
0040	Sign, Type B, Temp, Prismatic, Furn	8120350	64.000	Sft
0050	Sign, Type B, Temp, Prismatic, Oper	8120351	64.000	Sft
0060	Cable, Equipment Grounding Wire, 1/C#10	8190238	9,585.000	Ft
0070	Light Std Arm, Rem	8190277	1.000	Ea
0080	Light Std Shaft, Rem	8190305	1.000	Ea
0090	Luminaire, Rem	8190360	190.000	Ea
0100	_ Luminaire, Shoulder	8197050	97.000	Ea
0110	_ Luminaire, Ramp	8197050	92.000	Ea
0120	_ Vibration Dampener	8197050	73.000	Ea
0130	_ Luminaire, Underbridge	8197050	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1610 019

Letting Date: October 7, 2016

Contract ID: 45012-129936

Description: 12.74 mi of hot mix asphalt overlay, pavement repairs, trenching and shoulder gravel on M-22 from Thoreson Road to M-204, Leelanau County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129936A	N/A	N/A	M 45012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$534,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	6,213.000	Ft
0030	Pavt, Rem	2040050	9.000	Syd
0040	Embankment, LM	2050011	200.000	Cyd
0050	Erosion Control, Silt Fence	2080036	525.000	Ft
0060	Aggregate Base	3020001	757.000	Ton
0070	Approach, CI I	3070001	15.000	Ton
0080	Approach, CI II	3070021	142.000	Ton
0090	Shoulder, CI II	3070121	7,034.000	Ton
0100	Trenching	3070200	1,351.000	Sta
0110	Cold Milling HMA Surface	5010002	68,270.000	Syd
0120	HMA Quality Initiative	5010007	131,563.000	Dlr
0130	Pavt for Butt Joints, Rem	5010008	715.000	Syd
0140	Longitudinal Joint Density Quality Initiative	5010018	67,259.000	Dlr
0150	HMA Approach	5010061	532.000	Ton
0160	HMA, LVSP	5010703	67,526.000	Ton
0170	Driveway, Nonreinf Conc, 6 inch	8010005	9.000	Syd
0180	Curb Sloped, HMA	8050010	1,800.000	Ft
0190	Guardrail, Type B	8070000	7,337.000	Ft
0200	Guardrail, Curved, Type B	8070010	50.000	Ft
0210	Guardrail Anchored in Backslope, Type 4B	8070036	6.000	Ea
0220	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0230	Guardrail Approach Terminal, Type 2B	8070042	18.000	Ea
0240	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0250	Guardrail Post, Culv	8070070	20.000	Ea
0260	Guardrail Reflector	8070080	299.000	Ea
0270	Post, Mailbox	8070095	21.000	Ea
0280	Delineator Reflector	8100130	52.000	Ea

0290	Post, Delineator	8100350	370.000	Ea
0300	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, White	8107050	636.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	125.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	100,889.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	134,518.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	125.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	100,889.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	134,518.000	Ft
0370	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0380	Recessing Pavement Markings, Longit	8110450	134,643.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	33,630.000	Ft
0430	Sign Cover	8120310	10.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	1,114.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	1,114.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Riprap, Plain	8130010	100.000	Syd
0480	Paved Ditch, HMA	8140010	50.000	Syd
0490	Fertilizer, Chemical Nutrient, CI A	8160020	194.000	Lb
0500	Mulch Blanket	8160027	5,333.000	Syd
0510	Seeding, Mixture TDS	8160037	242.000	Lb
0520	Topsoil Surface, Furn, 3 inch	8160061	5,333.000	Syd
0530	Monument Preservation	8210010	10.000	Ea
0540	Centerline Corrugations, Milled, HMA	8220013	67,259.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1610 020

Letting Date: October 7, 2016

Contract ID: 81075-115398

Description: 11.16 mi of hot mix asphalt widening and median shoulder reconstruction, construction of crash sites, interchange reconstruction with roundabouts, drainage upgrades, cold milling and resurfacing, bridge replacement, permanent and temporary bridge widening, culvert extension, retaining wall, epoxy overlay, deck patching, barrier replacement, concrete beam end repair, substructure patching, concrete surface coating and rehabilitation, active traffic management system installation and ramp acceleration taper extensions at various locations on US-23, Livingston and Washtenaw Counties. This project includes a 3 year materials and workmanship pavement warranty, a 5 year materials and workmanship pavement warranty and a 2 year performance warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115398A	CM 1681(042)	HK1158	CM 81075
115399A	CM 1647(007)	HK1157	CM 47013
118461A	NH 1681(041)	HK1156	NH 81075
122201A	STP 1681(040)	HK1155	ST 81075
123268A	NH 1681(039)	HK1154	NH 81075
124991A	NH 1681(038)	HK1153	NH 81075
125465A	NH 1681(037)	HK1152	NH 81075
125745A	NH 1681(036)	HK1151	NH 81075

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Incentive, US-23, Stage 1I	1047060	500,000.000	Dlr
0020	_ Incentive, US-23, Approved for Traffic	1047060	500,000.000	Dlr
0030	_ Incentive, US-23, ITS Burn-In Completion	1047060	250,000.000	Dlr
0040	Mobilization, Max \$8,774,700.00	1500001	1.000	LSUM
0050	Clearing	2010001	14.760	Acre
0060	Clearing, Fence	2010002	441.000	Sta
0070	Tree, Rem, 19 inch to 36 inch	2020002	18.000	Ea
0080	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0090	Tree, Rem, 6 inch to 18 inch	2020004	155.000	Ea
0100	Culv, Rem, Less than 24 inch	2030001	60.000	Ea
0110	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0120	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0130	Culv, End, Rem, Less than 24 inch	2030005	28.000	Ea
0140	Dr Structure, Rem	2030011	32.000	Ea
0150	Sewer, Rem, Less than 24 inch	2030015	1,769.000	Ft
0160	Sewer, Rem, 24 inch to 48 inch	2030016	297.000	Ft
0170	Asbestos Materials, Rem and Disposal	2040001	49,965.000	Dlr

0180	Curb and Gutter, Rem	2040020	897.000	Ft
0190	Fence, Rem	2040025	90,410.000	Ft
0200	Guardrail, Rem	2040035	60,928.000	Ft
0210	Pavt, Rem	2040050	34,278.000	Syd
0220	Sidewalk, Rem	2040055	166.000	Syd
0230	Exploratory Investigation, Vertical	2040080	520.000	Ft
0240	Backfill, Swamp	2050001	23,939.000	Cyd
0250	Excavation, Earth	2050016	357,104.000	Cyd
0260	Excavation, Peat	2050017	17,295.000	Cyd
0270	Granular Blanket, Type 1	2050020	1,000.000	Cyd
0280	Non Haz Contaminated Material Handling and Disposal, LM	2050031	928.000	Cyd
0290	Subgrade Undercutting, Type II	2050041	10,000.000	Cyd
0300	_ Embankment, CIP, Special	2057021	203,502.000	Cyd
0310	Aggregate, 6A	2060001	1,055.000	Cyd
0320	_ Fill, Lightweight, EPS Block	2067021	5,365.000	Cyd
0330	_ Backfill, Lightweight, Iron Blast Furnace Slag Agg, LM	2067021	10,865.000	Cyd
0340	Obliterate Old Road	2070001	74.000	Sta
0350	Erosion Control, Check Dam, Stone	2080012	1,698.000	Ft
0360	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0370	Erosion Control, Inlet Protection, Fabric Drop	2080020	411.000	Ea
0380	Erosion Control, Inlet Protection, Sediment Trap	2080024	61.000	Ea
0390	Erosion Control, Maintenance, Sediment Removal	2080026	120.000	Cyd
0400	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0410	Erosion Control, Sediment Trap	2080034	189.000	Ea
0420	Erosion Control, Silt Fence	2080036	21,986.000	Ft
0430	_ Permeable Runoff Structure	2087001	2,174.000	Ft
0440	Project Cleanup	2090001	1.000	LSUM
0450	Subbase, CIP	3010002	228,651.000	Cyd
0460	Aggregate Base, 6 inch	3020016	140,953.000	Syd
0470	Aggregate Base, 7 inch	3020018	143,074.000	Syd
0480	Aggregate Base, 9 inch	3020022	12,814.000	Syd
0490	Aggregate Base, 10 inch	3020026	7,659.000	Syd
0500	Aggregate Base, 11 inch	3020028	9,073.000	Syd
0510	Aggregate Base, 12 inch	3020030	1,852.000	Syd
0520	_ Aggregate Base, Temp	3027011	46,755.000	Syd
0530	Approach, CI II, 6 inch	3070028	362.000	Syd
0540	Shoulder, CI II, 5 inch	3070127	2,133.000	Syd
0550	Shoulder, CI II, 6 inch	3070128	51,002.000	Syd
0560	Shoulder, CI II, 7 inch	3070129	1,511.000	Syd
0570	Trenching	3070200	222.000	Sta
0580	Culv End Sect, 12 inch	4010012	15.000	Ea
0590	Culv End Sect, 18 inch	4010018	12.000	Ea
0600	Culv End Sect, 24 inch	4010024	12.000	Ea

0610	Culv End Sect, 30 inch	4010030	4.000	Ea
0620	Culv End Sect, 36 inch	4010036	4.000	Ea
0630	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0640	Culv End Sect, Metal, 15 inch	4010095	2.000	Ea
0650	Culv, CI A, 24 inch	4010134	60.000	Ft
0660	Culv, CI B, Conc, 18 inch	4010269	24.000	Ft
0670	Culv, CI B, CSP, 15 inch	4010302	32.000	Ft
0680	Culv, CI C, 24 inch	4010338	288.000	Ft
0690	Culv, CI C, 36 inch	4010340	192.000	Ft
0700	Culv, CI E, 24 inch	4010542	88.000	Ft
0710	Culv, CI F, 12 inch	4010607	120.000	Ft
0720	Culv, CI F, 18 inch	4010609	56.000	Ft
0730	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	1.000	Ea
0740	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	29.000	Ea
0750	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	4.000	Ea
0760	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	4.000	Ea
0770	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0780	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	4.000	Ea
0790	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	2.000	Ea
0800	Dr Marker Post	4011109	61.000	Ea
0810	Outfall Label	4011115	61.000	Ea
0820	_ Culv, CI II, 42 inch, Jacked in Place	4017001	96.000	Ft
0830	_ Culv End Sect, 42 inch	4017050	2.000	Ea
0840	Sewer, CI A, 12 inch, Tr Det A	4020004	48.000	Ft
0850	Sewer, CI A, 18 inch, Tr Det A	4020006	48.000	Ft
0860	Sewer, CI A, 24 inch, Tr Det A	4020007	336.000	Ft
0870	Sewer, CI A, 12 inch, Tr Det B	4020033	15,253.000	Ft
0880	Sewer, CI A, 15 inch, Tr Det B	4020034	8.000	Ft
0890	Sewer, CI A, 18 inch, Tr Det B	4020035	15,139.000	Ft
0900	Sewer, CI A, 24 inch, Tr Det B	4020036	7,273.000	Ft
0910	Sewer, CI A, 30 inch, Tr Det B	4020037	976.000	Ft
0920	Sewer, CI A, 36 inch, Tr Det B	4020038	624.000	Ft
0930	Sewer, CI B, 36 inch, Tr Det B	4020188	48.000	Ft
0940	Sewer, CI E, 12 inch, Tr Det B	4020600	240.000	Ft
0950	Sewer, CI E, 18 inch, Tr Det B	4020602	264.000	Ft
0960	Sewer, CI E, 24 inch, Tr Det B	4020603	392.000	Ft
0970	Sewer, CI IV, 36 inch, Jacked in Place	4021175	256.000	Ft
0980	Sewer Bulkhead, 12 inch	4021230	5.000	Ea
0990	Sewer Bulkhead, 15 inch	4021231	11.000	Ea
1000	Sewer Bulkhead, 18 inch	4021232	47.000	Ea
1010	Sewer Bulkhead, 24 inch	4021234	21.000	Ea
1020	Sewer Bulkhead, 30 inch	4021236	2.000	Ea
1030	Trench Undercut and Backfill	4021260	500.000	Cyd
1040	Video Taping Sewer and Culv Pipe	4021275	39,693.000	Ft
1050	_ Sewer, CI IV, 30 inch, Jacked in Place	4027001	315.000	Ft

1060	_ Sewer, CI IV, 24 inch, Jacked in Place	4027001	1,582.000	Ft
1070	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
1080	Dr Structure Cover, Type B	4030010	53.000	Ea
1090	Dr Structure Cover, Type C	4030015	19.000	Ea
1100	Dr Structure Cover, Type CX	4030020	7.000	Ea
1110	Dr Structure Cover, Type D	4030025	11.000	Ea
1120	Dr Structure Cover, Type G	4030040	14.000	Ea
1130	Dr Structure Cover, Type J	4030045	6.000	Ea
1140	Dr Structure Cover, Type K	4030050	35.000	Ea
1150	Dr Structure Cover, Type V	4030085	133.000	Ea
1160	Dr Structure Cover, Type VG	4030090	112.000	Ea
1170	Dr Structure, 24 inch dia	4030200	9.000	Ea
1180	Dr Structure, 48 inch dia	4030210	354.000	Ea
1190	Dr Structure, 60 inch dia	4030220	25.000	Ea
1200	Dr Structure, 72 inch dia	4030230	4.000	Ea
1210	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	6.000	Ft
1220	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	80.000	Ft
1230	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	10.000	Ft
1240	Dr Structure, Adj, Add Depth	4030280	30.000	Ft
1250	Dr Structure, Tap, 6 inch	4030306	11.000	Ea
1260	Dr Structure, Tap, 48 inch	4030348	20.000	Ea
1270	_ Dr Structure Cover, Type B, Modified	4037050	1.000	Ea
1280	_ Dr Structure Cover, Type V, Modified	4037050	3.000	Ea
1290	_ Dr Structure Cover, Type VG, Modified	4037050	15.000	Ea
1300	Underdrain, Bank, 6 inch	4040003	1,000.000	Ft
1310	Underdrain, Subbase, 6 inch	4040063	176,329.000	Ft
1320	Underdrain, Subgrade, 6 inch	4040073	10,000.000	Ft
1330	Underdrain Outlet, 6 inch	4040093	14,489.000	Ft
1340	Underdrain, Outlet Ending, 6 inch	4040113	651.000	Ea
1350	Pavt, Cleaning	5010001	1.000	LSUM
1360	Cold Milling HMA Surface	5010002	322,741.000	Syd
1370	Bump Grinding	5010004	500.000	Syd
1380	HMA Surface, Rem	5010005	134,812.000	Syd
1390	HMA Quality Initiative	5010007	314,838.000	Dlr
1400	Pavt for Butt Joints, Rem	5010008	611.000	Syd
1410	Longitudinal Joint Density Quality Initiative	5010018	342,130.000	Dlr
1420	Pavt Joint and Crack Repr, Det 7	5010020	45,936.000	Ft
1430	Hand Patching	5010025	2,301.000	Ton
1440	HMA, 2E30	5010041	7,239.000	Ton
1450	HMA, 3E3	5010045	38,683.000	Ton
1460	HMA, 3E30	5010047	6,427.000	Ton
1470	HMA, 4E3	5010051	732.000	Ton
1480	HMA, 5E3	5010057	37,536.000	Ton

1490	HMA, 5E30	5010059	29,846.000	Ton
1500	HMA Approach	5010061	13,851.000	Ton
1510	HMA Approach, High Stress	5010520	23,107.000	Ton
1520	_ Pavt, Temp	5017011	46,755.000	Syd
1530	_ Pavt, Temp, Rem	5017011	46,755.000	Syd
1540	Conc Base Cse, Nonreinf, 8 inch	6020019	146,830.000	Syd
1550	Joint, Contraction, Cp	6020200	110,316.000	Ft
1560	Joint, Expansion, E2	6020207	32.000	Ft
1570	Joint, Expansion, E3	6020208	601.000	Ft
1580	_ Conc Base, Cse, Reinf, Modified	6027011	1,096.000	Syd
1590	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	5,252.000	Syd
1600	Cement	6030005	53.000	Ton
1610	Cold Milling Conc Pavt	6030014	11,660.000	Syd
1620	Joint, Contraction, Crg	6030020	52,800.000	Ft
1630	Lane Tie, Epoxy Anchored	6030030	52,163.000	Ea
1640	Non-Chloride Accelerator	6030035	1,114.000	Gal
1650	Pavt Repr, Rem	6030080	11,660.000	Syd
1660	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	11,660.000	Syd
1670	_ High Performance Biaxial Geogrid	7007011	47,914.000	Syd
1680	Conc, Grade S2	7060011	366.000	Cyd
1690	Conduit, 3 inch	7060030	1,129.000	Ft
1700	Reinforcement, Steel, Culv and Headwall	7060091	534.000	Lb
1710	_ Conc Pavt, Bridge Approach, Reinf, High Performance	7067011	1,565.000	Syd
1720	Temp Casing-Left in Place	7180121	81.000	Ft
1730	_ Cable, Ethernet, Outdoor	8007001	570.000	Ft
1740	_ Dynamic Message Sign, Fdn	8007001	81.000	Ft
1750	_ Sanitary Force Main, HDPE, 12 inch, Tr Det F	8007001	503.000	Ft
1760	_ Sanitary Force Main, HDPE, 12 inch, Directional Bore	8007001	125.000	Ft
1770	_ Cabinet Entry, Through Metal	8007050	3.000	Ea
1780	_ Cabinet Equipment Configuration	8007050	9.000	Ea
1790	_ Cabinet Modifications	8007050	3.000	Ea
1800	_ Cellular Modem, 4G	8007050	5.000	Ea
1810	_ Data Logger	8007050	1.000	Ea
1820	_ Dynamic Message Sign, Support Structure	8007050	3.000	Ea
1830	_ Ethernet Private Line Service, Integrate	8007050	2.000	Ea
1840	_ Pad-Mtd Transformer, 25kV Ampere	8007050	1.000	Ea
1850	_ Pad-Mtd Transformer, 30kV Ampere	8007050	2.000	Ea
1860	_ Rack-Mtd Step-Down Transformer, 15kVA	8007050	2.000	Ea
1870	_ Rack-Mtd Step-Down Transformer, 7.5kVA	8007050	18.000	Ea
1880	_ Rack-Mtd Step-Up Transformer, 15kVA	8007050	4.000	Ea
1890	_ Rack-Mtd Step-Up Transformer, 7.5kVA	8007050	3.000	Ea
1900	_ Surveillance System, Retrofit Site	8007050	5.000	Ea
1910	_ Unlicensed Radio, Rem and Salv	8007050	1.000	Ea

1920	_ Cabinet Equipment, Rem and Salv, Firewall	8007050	3.000	Ea
1930	_ Cabinet Equipment, Rem and Salv, Cellular Modem	8007050	6.000	Ea
1940	_ Cabinet Equipment, Rem and Salv, Cable Modem	8007050	3.000	Ea
1950	_ Dynamic Message Sign, Amber, 66mm, 27x125	8007050	3.000	Ea
1960	_ Hh, Clean	8007050	6.000	Ea
1970	_ Dynamic Message Panel System, 12 Inch, 3 Char, 1 Panel	8007050	1.000	Ea
1980	_ Closed Circuit Television Camera	8007050	2.000	Ea
1990	_ In Line Flushing Connection	8007050	1.000	Ea
2000	_ Portable Non-Intrusive Traffic Sensors	8007050	18.000	Ea
2010	_ Central Computer	8007051	1.000	LSUM
2020	_ PTR Quartz and Piezo Sensors Six Lanes	8007051	1.000	LSUM
2030	_ Stopped Traf Advisory System	8007051	1.000	LSUM
2040	Driveway, Nonreinf Conc, 8 inch	8010007	1,201.000	Syd
2050	Curb, Conc, Det E1	8020001	814.000	Ft
2060	Curb and Gutter, Bridge Approach	8020010	205.000	Ft
2070	Curb and Gutter, Conc, Det B2	8020016	2,338.000	Ft
2080	Curb and Gutter, Conc, Det D2	8020031	4,457.000	Ft
2090	Curb and Gutter, Conc, Det F4	8020038	39.000	Ft
2100	Curb and Gutter, Conc, Det F6	8020040	5,063.000	Ft
2110	Driveway Opening, Conc, Det M	8020050	459.000	Ft
2120	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
2130	Valley Gutter, Conc	8020060	24,751.000	Ft
2140	Divider, Nonreinf Conc, Type 1	8020066	899.000	Sft
2150	Spillway, Conc	8020075	20.000	Ft
2160	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,732.000	Ft
2170	_ Curb and Gutter, Conc, Det F6, Modified	8027001	1,819.000	Ft
2180	Sidewalk, Conc, 4 inch	8030044	3,365.000	Sft
2190	Sidewalk, Conc, 7 inch	8030047	2,064.000	Sft
2200	Conc Barrier, Single Face, Type C	8040003	1,205.000	Ft
2210	Glare Screen, Conc	8040015	9,288.000	Ft
2220	Glare Screen, Conc, Split	8040016	1,456.000	Ft
2230	Conc Barrier Backfill,CIP	8040030	451.000	Cyd
2240	_ Conc Barrier, Split, Type A, Modified	8047001	1,285.000	Ft
2250	_ Conc Barrier, Split, Type B, Modified	8047001	171.000	Ft
2260	_ Glare Screen, Temp	8047001	16,000.000	Ft
2270	_ Glare Screen, Temp, Replaced	8047001	3,200.000	Ft
2280	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Foot	8047001	8,352.000	Ft
2290	_ Conc Barrier, Double Face, Type B, Modified, 2-5 Foot	8047001	936.000	Ft
2300	_ Conc Barrier, Double Face, Type B, Modified, 0-2 Foot	8047001	800.000	Ft
2310	_ Glare Screen, Temp, Blade, Replaced	8047050	1,600.000	Ea
2320	Guardrail, Type B	8070000	1,253.000	Ft
2330	Guardrail, Type MGS-8	8070004	37,785.000	Ft

2340	Guardrail, Type T, Temp	8070007	2,800.000	Ft
2350	Guardrail, Type MGS-8D	8070009	19,689.000	Ft
2360	Guardrail, Curved, Type B	8070010	1,542.000	Ft
2370	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
2380	Guardrail Anch, Bridge, Det T2	8070023	16.000	Ea
2390	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
2400	Guardrail Anch, Bridge, Det T6	8070027	10.000	Ea
2410	Guardrail Anch, Bridge, Det T1, Temp	8070030	4.000	Ea
2420	Guardrail Anch, Median	8070035	2.000	Ea
2430	Guardrail Approach Terminal, Type 3B	8070038	3.000	Ea
2440	Guardrail Approach Terminal, Type 1B	8070040	12.000	Ea
2450	Guardrail Approach Terminal, Type 2B	8070042	49.000	Ea
2460	Guardrail Approach Terminal, Type 2T, Temp	8070048	1.000	Ea
2470	Guardrail Departing Terminal, Type B	8070050	7.000	Ea
2480	Guardrail Departing Terminal, Type MGS	8070052	44.000	Ea
2490	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
2500	Guardrail Post, Culv	8070070	20.000	Ea
2510	Guardrail Reflector	8070080	112.000	Ea
2520	Fence, Woven Wire with Wood Post	8080001	17,000.000	Ft
2530	Fence, Woven Wire with Steel Post	8080002	69,251.000	Ft
2540	_ Field Office (A), CL 1, Modified	8097043	24.000	Mo
2550	_ Field Office (B), CL 1, Modified	8097043	24.000	Mo
2560	_ Field Office, Utility Fees, Modified	8097060	15,000.000	Dlr
2570	Bridge Sign Connection, Conc, Type A1	8100031	14.000	Ea
2580	Bridge Sign Connection, Conc, Type A2	8100032	2.000	Ea
2590	Bridge Sign Connection, Type A, Rem	8100080	15.000	Ea
2600	Bridge Sign Connection, Type E, Rem	8100084	4.000	Ea
2610	Cantilever, Rem	8100090	1.000	Ea
2620	Cantilever, Type E	8100104	6.000	Ea
2630	Column, Breakaway, W8 x 13	8100120	56.000	Ea
2640	Column, Breakaway, W8 x 18	8100121	16.000	Ea
2650	Delineator Reflector	8100130	1,166.000	Ea
2660	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	30.000	Ea
2670	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	29.000	Ea
2680	Delineator, Reflective Sheeting, 3 inch by 6 inch, Yellow	8100143	192.000	Ea
2690	Fdn, Breakaway, W8 x 13	8100160	56.000	Ea
2700	Fdn, Breakaway, W8 x 18	8100161	16.000	Ea
2710	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	125.000	Ft
2720	Fdn, Cantilvr Sign Structure Type E, 48 inch Dia, Uncased	8100171	20.000	Ft
2730	Fdn, Cantilever, Rem	8100190	1.000	Ea
2740	Fdn, Column Breakaway, Rem	8100220	32.000	Ea
2750	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	2,353.000	Ft

2760	Fdn, Truss, Rem	8100260	2.000	Ea
2770	Fdn, Wood Support, Rem	8100280	130.000	Ea
2780	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	4.000	Ea
2790	Installing MDOT Supplied Sign, Type III	8100302	17.000	Ea
2800	Perforated Steel Square Tube Breakaway System	8100330	109.000	Ea
2810	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	37.000	Ea
2820	Post Hole Through Conc for Steel Post	8100340	61.000	Ea
2830	Post Hole Through Conc for Wood Post	8100341	1.000	Ea
2840	Post, Delineator	8100350	822.000	Ea
2850	Post, Flexible, Delineator	8100360	237.000	Ea
2860	Post, Steel, 3 lb	8100371	8,104.000	Ft
2870	Post, Wood, 4 inch by 6 inch	8100380	2,261.000	Ft
2880	Post, Wood, 6 inch by 8 inch	8100382	1,590.000	Ft
2890	Sign, Type I, Rem	8100391	55.000	Ea
2900	Sign, Type IA	8100392	6,641.000	Sft
2910	Sign, Type IB	8100393	1,188.000	Sft
2920	Sign, Type II, Rem	8100397	122.000	Ea
2930	Sign, Type IIA	8100398	1,442.000	Sft
2940	Sign, Type IIB	8100399	796.000	Sft
2950	Sign, Type III, Erect, Salv	8100402	2.000	Ea
2960	Sign, Type III, Rem	8100403	342.000	Ea
2970	Sign, Type IIIA	8100404	1,519.000	Sft
2980	Sign, Type IIIB	8100405	1,304.000	Sft
2990	Sign, Type IIIB, Modified	8100414	160.000	Sft
3000	Sign, Type VB	8100425	520.000	Sft
3010	Truss, Rem	8100440	1.000	Ea
3020	Truss, Type E, 70 foot	8100488	18.000	Ea
3030	Truss, Type E, 80 foot	8100490	1.000	Ea
3040	Truss, Type E, 85 foot	8100491	3.000	Ea
3050	Reflective Panel for Permanent Sign Support, 3 foot	8100613	142.000	Ea
3060	Reflective Panel for Permanent Sign Support, 6 foot	8100616	36.000	Ea
3070	_ Truss, Type E, 70 foot, Modified	8107050	8.000	Ea
3080	_ Truss, Type E, 85 foot, Modified	8107050	3.000	Ea
3090	_ Perforated Steel Square Tube Sign Breakaway System, Modified	8107050	6.000	Ea
3100	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	166.000	Ft
3110	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
3120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Only	8110064	4.000	Ea
3130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Only	8110072	3.000	Ea
3140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
3150	Pavt Mrkg, Polyurea, 4 inch, White	8110091	192.000	Ft
3160	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	7,934.000	Ft
3170	Pavt Mrkg, Polyurea, 6 inch, White	8110094	139,393.000	Ft

3180	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	83,041.000	Ft
3190	Pavt Mrkg, Polyurea, Yield	8110103	15.000	Ea
3200	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
3210	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	136.000	Ft
3220	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	437.000	Ft
3230	Pavt Mrkg, Polyurea, 12 inch, White	8110111	17,431.000	Ft
3240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	55.000	Ft
3250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	186.000	Ft
3260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,842.000	Ft
3270	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,094.000	Ft
3280	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	27,135.000	Ft
3290	Pavt Mrkg, Polyurea, Lt Turn Only	8110406	2.000	Ea
3300	Pavt Mrkg, Polyurea, Only	8110410	9.000	Ea
3310	Pavt Mrkg, Polyurea, Rt Turn Only	8110413	5.000	Ea
3320	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
3330	Recessing Pavement Markings, Longit	8110450	410,155.000	Ft
3340	Recessing Pavement Markings, Transv	8110451	2,640.000	Sft
3350	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mount	8117001	80,569.000	Ft
3360	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mount	8117001	21,237.000	Ft
3370	_ Pavt Mrkg, Polyurea, Yellow, Island Painting	8117010	1,596.000	Sft
3380	Barricade, Type III, High Intensity, Lighted, Furn	8120022	100.000	Ea
3390	Barricade, Type III, High Intensity, Lighted, Oper	8120023	100.000	Ea
3400	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	10.000	Ea
3410	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	30.000	Ea
3420	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	30.000	Ea
3430	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	15.000	Ea
3440	Conc Barrier, Temp, Adj	8120080	4,520.000	Ft
3450	Conc Barrier, Temp, Furn	8120081	52,370.000	Ft
3460	Conc Barrier, Temp, Oper	8120082	52,370.000	Ft
3470	Conc Barrier, Temp, Relocated	8120083	52,370.000	Ft
3480	Culv, Temp	8120090	1.000	Ea
3490	High Intensity Light, Type B, Furn	8120110	50.000	Ea
3500	High Intensity Light, Type B, Oper	8120111	50.000	Ea
3510	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
3520	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
3530	Lighted Arrow, Type C, Standby	8120142	10.000	Ea
3540	Ltg for Night Work	8120160	1.000	LSUM
3550	Minor Traf Devices	8120170	1.000	LSUM
3560	Mobile Attenuator	8120180	10.000	Ea
3570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	150,000.000	Ft
3580	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	50,000.000	Ft
3590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	132,385.000	Ft

3600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	80,135.000	Ft
3610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	369,545.000	Ft
3620	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	279,015.000	Ft
3630	Plastic Drum, High Intensity, Furn	8120250	1,500.000	Ea
3640	Plastic Drum, High Intensity, Oper	8120251	1,500.000	Ea
3650	Sign Cover	8120310	54.000	Ea
3660	Sign, Type A, Temp, Prismatic, Furn	8120340	500.000	Sft
3670	Sign, Type A, Temp, Prismatic, Oper	8120341	500.000	Sft
3680	Sign, Type B, Temp, Prismatic, Furn	8120350	5,000.000	Sft
3690	Sign, Type B, Temp, Prismatic, Oper	8120351	5,000.000	Sft
3700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	5,000.000	Sft
3710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	5,000.000	Sft
3720	Traf Regulator Control	8120370	1.000	LSUM
3730	_ Moveable Conc Traf Barrier	8127001	5,300.000	Ft
3740	_ Moveable Conc Traf Barrier, Replacement	8127001	500.000	Ft
3750	_ Temp Rumble Strips (Orange)	8127001	1,296.000	Ft
3760	_ Moveable Conc Traf Barrier, Add Adj	8127001	31,800.000	Ft
3770	_ Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8127001	6,000.000	Ft
3780	_ Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8127001	300.000	Ft
3790	_ Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8127001	6,000.000	Ft
3800	_ Delineator, Flexible, Temp, Furn	8127050	500.000	Ea
3810	_ Delineator, Flexible, Temp, Oper	8127050	500.000	Ea
3820	_ Heavy Duty Wrecker	8127050	100.000	Ea
3830	_ Impact Attenuator, Temp, Furn	8127050	2.000	Ea
3840	_ Impact Attenuator, Temp, Oper	8127050	2.000	Ea
3850	_ Light Duty Wrecker	8127050	500.000	Ea
3860	_ Medium Duty Wrecker	8127050	300.000	Ea
3870	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	26.000	Ea
3880	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	26.000	Ea
3890	_ Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8127050	60.000	Ea
3900	Riprap, Plain	8130010	775.000	Syd
3910	Ditch, Plain Cobble	8140005	125.000	Syd
3920	Site Preparation, Max \$41,200.00	8150001	1.000	LSUM
3930	Watering and Cultivating, First Season, Min \$20,300.00	8150002	1.000	LSUM
3940	Watering and Cultivating, Second Season, Min \$25,000.00	8150003	1.000	LSUM
3950	Acer ginnala, 1 1/2 inch	8150059	114.000	Ea
3960	Acer x freemanii 'Autumn Blaze', 1 3/4 inch	8150221	21.000	Ea
3970	Catalpa speciosa, 1 3/4 inch	8150766	41.000	Ea
3980	Crataegus crusgalli 'Inermis', tree form, 1 3/4 inch	8151131	87.000	Ea
3990	Gymnocladus dioicus, 2 inch	8151676	33.000	Ea

4000	Helictotorichon sempervirens, #1 cont.	8151744	130.000	Ea
4010	Juniperus chinensis 'Sea Green', #3 cont.	8151941	18.000	Ea
4020	Malus 'Harvest Gold', 1 1/2 inch	8152307	63.000	Ea
4030	Malus 'Prairie Fire', 1 1/2 inch	8152313	69.000	Ea
4040	Nepeta x faassenii 'Walkers Low', #1 cont.	8152496	206.000	Ea
4050	Panicum virgatum 'Heavy Metal', #1 cont.	8152567	32.000	Ea
4060	Picea abies, 5 foot	8152741	109.000	Ea
4070	Picea omorika, 5 foot	8152787	86.000	Ea
4080	Picea pungens, 5 foot	8152801	87.000	Ea
4090	Quercus bicolor, 1 1/2 inch	8153042	27.000	Ea
4100	Spiraea x bumalda 'Goldflame', #3 cont.	8153615	26.000	Ea
4110	Tilia cordata 'Greenspire', 1 3/4 inch	8153861	25.000	Ea
4120	Ulmus x 'Homestead', 2 inch	8153960	38.000	Ea
4130	_ Physocarpus opulifolius 'Center Glow', #3 cont.	8157050	12.000	Ea
4140	Compost Surface, Furn, LM	8160013	88.000	Cyd
4150	Water, Sodding/Seeding	8160090	10.000	Unit
4160	Slope Restoration, Type A	8160100	113,911.000	Syd
4170	Slope Restoration, Type B	8160101	150,468.000	Syd
4180	Slope Restoration, Type C	8160102	34,572.000	Syd
4190	Slope Restoration, Type D	8160103	3,000.000	Syd
4200	_ Shredded Bark Mulch, LM	8167021	60.000	Cyd
4210	Cable Pole, TS, Dismant	8190010	6.000	Ea
4220	Cable, Sec, Rem	8190017	95.000	Ft
4230	Conduit, DB, 1, 3 inch	8190029	3,960.000	Ft
4240	Conduit, DB, 2, 3 inch	8190032	14,760.000	Ft
4250	Conduit, DB, 3, 3 inch	8190035	2,905.000	Ft
4260	Conduit, DB, 4, 3 inch	8190038	2,140.000	Ft
4270	Conduit, Directional Bore, 3 inch	8190044	755.000	Ft
4280	Conduit, Rem	8190140	100.000	Ft
4290	Conduit, Schedule 40, 3 inch	8190149	100.000	Ft
4300	Conduit, Schedule 80 PVC, 2 inch	8190157	1,285.000	Ft
4310	Conduit, Schedule 80 PVC, 3 inch	8190159	3,030.000	Ft
4320	DB Cable, in Conduit, 600V, 1/C#4	8190207	45.000	Ft
4330	DB Cable, in Conduit, 600V, 1/C#6	8190211	10,585.000	Ft
4340	DB Cable, in Conduit, 600V, 1/C#8	8190212	4,140.000	Ft
4350	Cable, Equipment Grounding Wire, 1/C#4	8190234	15.000	Ft
4360	Cable, Equipment Grounding Wire, 1/C#6	8190236	3,625.000	Ft
4370	Cable, Equipment Grounding Wire, 1/C#8	8190237	2,755.000	Ft
4380	Hh, Adj	8190244	5.000	Ea
4390	Hh, Heavy Duty Cover	8190246	60.000	Ea
4400	Hh, Polymer Conc	8190250	2.000	Ea
4410	Hh, Rem	8190254	12.000	Ea
4420	Hh, Round, 3 foot Dia.	8190259	133.000	Ea
4430	Hh, Round	8190260	140.000	Ea
4440	Hh, Type D	8190262	31.000	Ea

4450	Light Std Arm, 12 foot	8190268	36.000	Ea
4460	Light Std Arm, 17 foot	8190270	4.000	Ea
4470	Light Std Fdn	8190279	41.000	Ea
4480	Light Std, Frangible Transformer Base	8190281	23.000	Ea
4490	Light Std Shaft, 30 foot or less	8190285	41.000	Ea
4500	Luminaire	8190330	42.000	Ea
4510	Cable, P.J., 600V, 1, 7/C#14	8190377	195.000	Ft
4520	Cable, Sec, Triplex, 1, 3/C#4	8190418	45.000	Ft
4530	Wood Pole, Cl 4, 40 foot	8190473	9.000	Ea
4540	Wood Pole, Fit Up, Sec Cable Pole	8190495	2.000	Ea
4550	Wood Pole, Rem	8190505	5.000	Ea
4560	Conduit, Directional Bore, 1, 3 inch	8190602	1,900.000	Ft
4570	Conduit, Directional Bore, 2, 3 inch	8190604	20,135.000	Ft
4580	Conduit, Directional Bore, 3, 3 inch	8190606	5,300.000	Ft
4590	Conduit, Directional Bore, 4, 3 inch	8190607	8,625.000	Ft
4600	_ Conduit, DB, 3, 2 inch	8197001	915.000	Ft
4610	_ Conduit, DB, 4, 2 inch	8197001	680.000	Ft
4620	_ Conduit, DB, 5, 2 inch	8197001	180.000	Ft
4630	_ Conduit, DB, 5, 3 inch	8197001	225.000	Ft
4640	_ Conduit, DB, 6, 2 inch	8197001	40.000	Ft
4650	_ Conduit, Directional Bore, 5, 3 inch	8197001	260.000	Ft
4660	_ DB Cable, in Conduit, 600V, 3, 1/C#2	8197001	25,355.000	Ft
4670	_ DB Cable, In Conduit, 600V, 3, 1/C#2/0	8197001	7,330.000	Ft
4680	_ DB Cable, in Conduit, 600V, 3, 1/C#6	8197001	810.000	Ft
4690	_ DB Cable, in Conduit, 600V, 4, 1/C#2	8197001	5,540.000	Ft
4700	_ DB Cable, in Conduit, 600V, 4, 1/C#6	8197001	21,050.000	Ft
4710	_ Luminaire, (C1)	8197050	2.000	Ea
4720	_ Luminaire, (C2)	8197050	8.000	Ea
4730	_ Luminaire, (C5)	8197050	8.000	Ea
4740	_ Luminaire, (C4)	8197050	4.000	Ea
4750	_ Luminaire, (C3)	8197050	8.000	Ea
4760	_ Lighting Control Panel	8197050	2.000	Ea
4770	Case Sign, Rem	8200020	3.000	Ea
4780	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	2.000	Ea
4790	Controller and Cabinet, Rem	8200030	7.000	Ea
4800	Controller and Cabinet, Digital Type	8200031	3.000	Ea
4810	Controller Fdn, Rem	8200046	1.000	Ea
4820	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
4830	Metered Serv	8200090	2.000	Ea
4840	Metered Serv, Rem	8200095	2.000	Ea
4850	Power Co. (Est. Cost to Contractor)	8200116	43,695.000	Dlr
4860	Serv Disconnect	8200135	5.000	Ea
4870	Serv Disconnect, Rem	8200136	6.000	Ea
4880	Span Wire	8200140	8.000	Ea
4890	Span Wire, Rem	8200141	14.000	Ea

4900	Loop Detector, Rem	8200173	4.000	Ea
4910	TS, Span Wire Mtd, Rem	8200182	28.000	Ea
4920	Cabinet, Rem	8200184	1.000	Ea
4930	TS, Four Way Span Wire Mtd, One Sect (LED)	8200293	4.000	Ea
4940	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
4950	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
4960	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
4970	TS, 4th Level, LTGA (LED)	8200329	6.000	Ea
4980	TS, 4th Level, RTGA (LED)	8200331	1.000	Ea
4990	Bracket, Truss, With 12 Foot Arm	8200376	11.000	Ea
5000	Video Traf Detection Camera, Rem	8200384	2.000	Ea
5010	Bracket, Truss, Rem	8200388	1.000	Ea
5020	Wireless Repeater, Rem	8200418	1.000	Ea
5030	Wireless Repeater	8200421	3.000	Ea
5040	Wireless Vehicle Detection System	8200422	2.000	Ea
5050	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
5060	Wireless Vehicle Sensor Node	8200425	13.000	Ea
5070	Wireless Vehicle Sensor Node, Rem	8200426	2.000	Ea
5080	TS, Bag	8200450	4.000	Ea
5090	TS, Bag, Rem	8200451	3.000	Ea
5100	_ ITS Cabinet, Environmentally Controlled	8207050	2.000	Ea
5110	_ ITS Cabinet, Ground-Mtd	8207050	38.000	Ea
5120	_ Case Sign (LED), Changeable Message, 1 Way, 48 Inch x 48 Inch, Modified	8207050	1.000	Ea
5130	_ Ethernet Private Line Service Provider	8207060	41,785.000	Dlr
5140	_ Ethernet Private Line Service, Monthly Fees	8207060	19,505.000	Dlr
5150	Monument Box	8210001	5.000	Ea
5160	Monument Box Adjust	8210005	2.000	Ea
5170	Monument Preservation	8210010	4.000	Ea
5180	Protect Corners	8210020	4.000	Ea
5190	Shoulder Corrugations, Ground or Cut, HMA	8220001	176,120.000	Ft
5200	_ Plug Valve and Box, 12 inch	8237050	3.000	Ea
5210	Contractor Staking	8240001	1.000	LSUM
5220	Staking Plan Errors and Extras, One Person	8240020	667.000	Hr
5230	Staking Plan Errors and Extras, Two Person	8240021	267.000	Hr
5240	Staking Plan Errors and Extras, Three Person	8240022	400.000	Hr
5250	Electronic Model Revision	8240030	200.000	Hr
5260	Digital Video Encoder, H.264	8260002	5.000	Ea
5270	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
5280	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	3.000	Ea
5290	Lightning Protection, Structure, Type E Truss	8260027	30.000	Ea
5300	Lightning Protection, Structure, Type E Cantilever	8260028	3.000	Ea
5310	Microwave Vehicle Detection System	8260040	11.000	Ea
5320	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	72,220.000	Ft

5330	Fiber Optic, Splice Enclosure, Wall-Mounted, Small	8260063	2.000	Ea
5340	Fiber Optic, Hardware Assembly, Small	8260065	38.000	Ea
5350	Fiber Optic, Hardware Assembly, Medium	8260066	2.000	Ea
5360	Fiber Optic, Marker, Above Ground	8260069	200.000	Ea
5370	Tracer Wire	8260070	52,215.000	Ft
5380	Fiber Optic, Pigtail	8260071	184.000	Ea
5390	Fiber Optic, Jumper	8260072	184.000	Ea
5400	Managed Field Ethernet Switch, Layer 2	8260080	3.000	Ea
5410	Managed Field Ethernet Switch, Layer 3	8260082	39.000	Ea
5420	Managed Field Ethernet Switch, Layer 3, 24 Port	8260083	2.000	Ea
5430	Managed Field Ethernet Switch, Rem and Salv	8260084	4.000	Ea
5440	Power Serv, Underground, 30A, 120/240V	8260100	1.000	Ea
5450	Power Serv, Underground, 60A, 120/240V	8260101	7.000	Ea
5460	Safety Switch, Fusible	8260109	21.000	Ea
5470	Electrical Rack	8260110	21.000	Ea
5480	Power Serv, Refurbish, 60A, 120/240V	8260112	1.000	Ea
5490	Uninterruptible Power Supply, ITS Cabinet	8260140	40.000	Ea
5500	Flowable Fill, Non-Structural	8260148	231.000	Cyd
5510	System Integration and Testing	8260160	1.000	LSUM
5520	_ Detector Rack	8267050	1.000	Ea
5530	_ Lane Control System, 1 Panel	8267050	3.000	Ea
5540	_ Lane Control System, 3 Panel	8267050	21.000	Ea
5550	_ Power Serv, Refurbish, 150A, 120/240V	8267050	1.000	Ea
5560	_ Power Serv, Refurbish, 200A, 120/240V	8267050	2.000	Ea
5570	_ Power Serv, Refurbish, 90A, 120/240V	8267050	3.000	Ea
5580	_ Power Serv, Underground, 120A, 120/240V	8267050	2.000	Ea
5590	_ Surveillance System, Low Light	8267050	21.000	Ea
5600	_ Lane Control System, 3 Panel, with Dynamic Message Sign	8267050	9.000	Ea
5610	_ Integration, Advanced Traf Management System Software	8267051	1.000	LSUM
5620	_ Riprap, Special	9167031	1,450.000	Ton

Section: 2

5630	Structures, Rem (R02-1 of 81075)	2040060	1.000	LSUM
5640	Structures, Rem (R02-2 of 81075)	2040060	1.000	LSUM
5650	Structures, Rem (S07 of 81075)	2040060	1.000	LSUM
5660	Structures, Rem (S08 of 81075)	2040060	1.000	LSUM
5670	Structures, Rem (S10 of 81075)	2040060	1.000	LSUM
5680	Structures, Rem Portions (S09-1 of 81075)	2040061	1.000	LSUM
5690	Structures, Rem Portions (S09-2 of 81075)	2040061	1.000	LSUM
5700	Embankment, Structure, CIP	2050012	2,997.000	Cyd
5710	_ Flowable Fill	2057021	13.000	Cyd
5720	_ Channel, Temp	2057051	1.000	LSUM
5730	Backfill, Structure, CIP	2060002	29,618.000	Cyd

5740	Backfill, Select	2060004	16,831.000	Cyd
5750	Excavation, Fdn	2060010	42,154.000	Cyd
5760	Erosion Control, Filter Bag	2080014	14.000	Ea
5770	Erosion Control, Gravel Filter Berm	2080018	450.000	Ft
5780	Erosion Control, Sand Bag	2080028	1,000.000	Ea
5790	Erosion Control, Turbidity Curtain, Shallow	2080044	250.000	Ft
5800	Aggregate Base, LM	3020002	2,422.000	Cyd
5810	Geotextile, Separator	3080005	2,878.000	Syd
5820	Geotextile, Stabilization	3080010	14,694.000	Syd
5830	Underdrain, Fdn, 4 inch	4040031	3,748.000	Ft
5840	Underdrain, Fdn, 6 inch	4040033	5,715.000	Ft
5850	Underdrain Outlet, 4 inch	4040091	64.000	Ft
5860	Underdrain, Outlet Ending, 4 inch	4040111	12.000	Ea
5870	Culv Bedding, Box Culv	4060005	902.000	Cyd
5880	_ Culv, Precast Conc Box, 21 Foot x 6 Foot	4067001	23.000	Ft
5890	_ Culv, Precast Conc Box, 16 foot by 10 foot	4067001	292.000	Ft
5900	Steel Sheet Piling, Permanent	7040001	2,863.000	Sft
5910	Steel Sheet Piling, Temp	7040002	6,490.000	Sft
5920	Steel Sheet Piling, Temp, Left in Place	7040003	6,555.000	Sft
5930	_ Steel Sheet Piling, Temp, Special	7047010	7,791.000	Sft
5940	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	8,900.000	Sft
5950	_ Bypass Pumping	7047050	7.000	Ea
5960	_ Construction Dam	7047050	3.000	Ea
5970	_ Cofferdam, Left in Place, Special (C01 of 81075)	7047051	1.000	LSUM
5980	Prebore, Fdn Piling	7050001	1,210.000	Ft
5990	Pile Driving Equipment, Furn (R02-2 of 81075)	7050002	1.000	LSUM
6000	Pile Driving Equipment, Furn (R02-1 of 81075)	7050002	1.000	LSUM
6010	Pile Driving Equipment, Furn (S07 of 81075)	7050002	1.000	LSUM
6020	Pile Driving Equipment, Furn (S08 of 81075)	7050002	1.000	LSUM
6030	Pile Driving Equipment, Furn (S10 of 81075)	7050002	1.000	LSUM
6040	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	9,615.000	Ft
6050	Test Pile, CIP Conc, 14 inch	7050023	4.000	Ea
6060	Pile Point, CIP Conc	7050025	28.000	Ea
6070	Pile, Steel, Furn and Driven, 14 inch	7050034	10,820.000	Ft
6080	Pile Point, Steel	7050039	82.000	Ea
6090	Pile, Steel, Splice	7050050	308.000	Ea
6100	_ Pile Protection	7057001	2,668.000	Ft
6110	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	15.000	Ea
6120	_ Test Pile, Dynamic Analysis	7057050	23.000	Ea
6130	_ Monitoring Structure (S08 of 81075)	7057051	1.000	LSUM
6140	Bridge Ltg, Furn and Rem (R02-1 of 81075)	7060001	1.000	LSUM
6150	Bridge Ltg, Furn and Rem (R02-1T of 81075)	7060001	1.000	LSUM
6160	Bridge Ltg, Furn and Rem (R02-2 of 81075)	7060001	1.000	LSUM
6170	Bridge Ltg, Furn and Rem (S09-1 of 81075)	7060001	1.000	LSUM

6180	Bridge Ltg, Furn and Rem (S09-2 of 81075)	7060001	1.000	LSUM
6190	Bridge Ltg, Furn and Rem (S07 of 81075)	7060001	1.000	LSUM
6200	Bridge Ltg, Furn and Rem (S08 of 81075)	7060001	1.000	LSUM
6210	Bridge Ltg, Furn and Rem (S10 of 81075)	7060001	1.000	LSUM
6220	Bridge Ltg, Oper and Maintain	7060002	2,011.000	Cyd
6230	Conc, Grade D	7060010	62.000	Cyd
6240	Conc, Grade S2, Subfooting	7060012	51.000	Cyd
6250	Elec Grounding System	7060040	2.000	Ea
6260	Expansion Joint Device	7060050	1,116.000	Ft
6270	Expansion Joint Device, Cover Plate	7060051	48.000	Ft
6280	False Decking	7060060	102,195.000	Sft
6290	Reinforcement, Steel, Epoxy Coated	7060092	1,010,774.000	Lb
6300	Substructure Conc	7060100	103.000	Cyd
6310	Substructure Conc, High Performance	7060101	3,694.000	Cyd
6320	Superstructure Conc	7060110	12.000	Cyd
6330	Superstructure Conc, Form, Finish, and Cure (R02-1 of 81075)	7060111	1.000	LSUM
6340	Superstructure Conc, Form, Finish, and Cure (R02-1T of 81075)	7060111	1.000	LSUM
6350	Superstructure Conc, Form, Finish, and Cure (R02-2 of 81075)	7060111	1.000	LSUM
6360	Superstructure Conc, Form, Finish, and Cure (S09-1 of 81075)	7060111	1.000	LSUM
6370	Superstructure Conc, Form, Finish, and Cure (S09-2 of 81075)	7060111	1.000	LSUM
6380	Superstructure Conc, Form, Finish, and Cure (S07 of 81075)	7060111	1.000	LSUM
6390	Superstructure Conc, Form, Finish, and Cure (S08 of 81075)	7060111	1.000	LSUM
6400	Superstructure Conc, Form, Finish, and Cure (S10 of 81075)	7060111	1.000	LSUM
6410	Superstructure Conc, Form, Finish, and Cure, Night Casting (R02-1 of 81075)	7060112	1.000	LSUM
6420	Superstructure Conc, Form, Finish, and Cure, Night Casting (R02-1T of 81075)	7060112	1.000	LSUM
6430	Superstructure Conc, Form, Finish, and Cure, Night Casting (R02-2 of 81075)	7060112	1.000	LSUM
6440	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09-1 of 81075)	7060112	1.000	LSUM
6450	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09-2 of 81075)	7060112	1.000	LSUM
6460	Superstructure Conc, Form, Finish, and Cure, Night Casting (S07 of 81075)	7060112	1.000	LSUM
6470	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 81075)	7060112	1.000	LSUM
6480	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10 of 81075)	7060112	1.000	LSUM
6490	Superstructure Conc, Night Casting	7060113	86.000	Cyd
6500	Superstructure Conc, High Performance	7060116	456.000	Cyd
6510	Superstructure Conc, Night Casting, High Performance	7060117	1,925.000	Cyd

6520	Wall Drain	7060130	88.000	Sft
6530	Water Repellent Treatment, Penetrating	7060140	382.000	Syd
6540	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	13,971.000	Sft
6550	Mechanically Stabilized Earth Wall, Precast, Install	7060201	13,971.000	Sft
6560	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	4,986.000	Sft
6570	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	4,986.000	Sft
6580	Mechanically Stabilized Earth Wall Coping, Precast	7060206	680.000	Ft
6590	Mechanically Stabilized Earth Wall Coping, CIP	7060207	297.000	FT
6600	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	907.000	Sft
6610	Liner, PVC, 30 mil	7060209	2,995.000	Syd
6620	_ Expansive Waterstop	7067001	1,032.000	Ft
6630	_ Texturing Conc	7067011	1,092.000	Syd
6640	_ Simulated Stone Masonry	7067011	2,169.000	Syd
6650	Bearing, Elastomeric, 1 inch	7070012	2,880.000	Sin
6660	Bearing, Elastomeric, 2 1/4 inch	7070017	7,304.000	Sin
6670	Bearing, Elastomeric, 2 1/2 inch	7070018	27,720.000	Sin
6680	Bearing, Elastomeric, 2 3/4 inch	7070019	2,592.000	Sin
6690	Shear Developers (C01 of 81075)	7070040	1.000	LSUM
6700	Shear Developers (R02-1 of 81075)	7070040	1.000	LSUM
6710	Shear Developers (R02-1T of 81075)	7070040	1.000	LSUM
6720	Shear Developers (R02-2 of 81075)	7070040	1.000	LSUM
6730	Shear Developers (NORTH TERRITORIAL)	7070040	1.000	LSUM
6740	Structural Steel, Mixed, Erect	7070050	13,164.000	Lb
6750	Structural Steel, Mixed, Furn and Fab	7070051	13,164.000	Lb
6760	Structural Steel, Plate, Erect	7070060	474,000.000	Lb
6770	Structural Steel, Plate, Furn and Fab	7070061	474,000.000	Lb
6780	Structural Steel, Rolled Shape, Erect	7070070	102,762.000	Lb
6790	Structural Steel, Rolled Shape, Furn and Fab	7070071	102,762.000	Lb
6800	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	5,682.000	Lb
6810	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	5,682.000	Lb
6820	Prest Conc Box Beam, Furn, 21 inch	7080061	548.000	Ft
6830	Prest Conc Box Beam, Erect, 21 inch	7080062	548.000	Ft
6840	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	3,835.000	Ft
6850	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	3,835.000	Ft
6860	Joint Waterproofing	7100001	2,637.000	Sft
6870	Joint Waterproofing, Expansion	7100003	576.000	Sft
6880	Substructure Horizontal Surface Sealer (S06 of 81075)	7100030	29.000	Syd
6890	Substructure Horizontal Surface Sealer (S05 of 81075)	7100030	29.000	Syd
6900	_ Conc Surface Coating, Warranty (S06 of 81075)	7107051	1.000	LSUM
6910	_ Conc Surface Coating, Warranty (S05 of 81075)	7107051	1.000	LSUM
6920	_ Conc Surface Coating, Warranty (S09-1 of 81075)	7107051	1.000	LSUM
6930	_ Conc Surface Coating, Warranty (R02-2 of 81075)	7107051	1.000	LSUM

6940	_ Conc Surface Coating, Warranty (R02-1 of 81075)	7107051	1.000	LSUM
6950	_ Conc Surface Coating, Warranty (S09-2 of 81075)	7107051	1.000	LSUM
6960	_ Conc Surface Coating, Warranty (S07 of 81075)	7107051	1.000	LSUM
6970	_ Conc Surface Coating, Warranty (S10 of 81075)	7107051	1.000	LSUM
6980	_ Conc Surface Coating, Warranty (S08 of 81075)	7107051	1.000	LSUM
6990	Bridge Barrier Railing, Type 4	7110001	194.000	Ft
7000	Bridge Railing, Aesthetic, Type 4, Det 1, High Performance	7110050	971.000	Ft
7010	Bridge Railing, Aesthetic, Type 4, Det 1, Modified, High Performance	7110060	659.000	Ft
7020	Bridge Railing, Aesthetic, Type 4, Det 2, Modified, High Performance	7110061	373.000	Ft
7030	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	1,217.000	Ft
7040	Hand Chipping, Shallow	7120003	46.000	Syd
7050	Hand Chipping, Deep	7120004	46.000	Syd
7060	Hand Chipping, Other Than Deck	7120007	934.000	Cft
7070	Patch, Forming	7120017	3,065.000	Sft
7080	Conc, Bridge Deck Ovly	7120023	201.000	Cyd
7090	Bridge Deck Surface Construction	7120025	1,784.000	Syd
7100	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	316.000	Ea
7110	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,715.000	Ea
7120	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	98.000	Ea
7130	Bolt, Adhesive Anchored, 1/2 inch	7120040	4.000	Ea
7140	Structures, Rehabilitation, Rem Portions (S06 of 81075)	7120070	1.000	LSUM
7150	Structures, Rehabilitation, Rem Portions (S05 of 81075)	7120070	1.000	LSUM
7160	Structures, Rehabilitation, Rem Portions (C01 of 81075)	7120070	1.000	LSUM
7170	Structures, Rehabilitation, Rem Portions (R02-1T of 81075)	7120070	1.000	LSUM
7180	Deck Joint, Rem	7120071	379.000	Ft
7190	Latex Conc Surface, Rem	7120072	1,384.000	Syd
7200	End Header Replacement	7120073	94.000	Ft
7210	Hydrodemolition, First Pass	7120076	1,384.000	Syd
7220	Hydrodemolition, Second Pass	7120077	140.000	Syd
7230	Reinforcement, Mechanical Splice	7120084	143.000	Ea
7240	Filler Wall Conc	7120087	94.000	Cyd
7250	Patching Conc, C-L	7120112	40.000	Cyd
7260	Embedded Galvanic Anode	7120120	1,030.000	Ea
7270	_ Hand Chipping, Special	7127010	77.000	Sft
7280	_ Epoxy Overlay	7127011	1,130.000	Syd
7290	_ Beam End Repair, Latex Modified Conc	7127020	33.000	Cft
7300	_ Adhesive Anchoring of Horizontal Bar, 1/2 Inch	7127050	583.000	Ea
7310	Support, Column, Temp	7130080	3.000	Ea
7320	Field Repair of Damaged Coating (R02-1 of 81075)	7160001	1.000	LSUM
7330	Field Repair of Damaged Coating (R02-1T of 81075)	7160001	1.000	LSUM

7340	Field Repair of Damaged Coating (R02-2 of 81075)	7160001	1.000	LSUM
7350	_ Modular Block Wall	8007010	3,958.000	Sft
7360	_ Geotextile Retaining Wall, Temp	8007011	59.000	Syd
7370	_ Geotextile Retaining Wall	8007011	49.000	Syd
7380	_ Micropile, Load Test, Proof, LFD	8007050	2.000	Ea
7390	_ Micropile, Load Test, Verification, LFD	8007050	1.000	Ea
7400	_ Micropile, Type B, Furn and Install, LFD	8007050	12.000	Ea
7410	_ Micropile Mobilization, LFD (R02-1T of 81075)	8007051	1.000	LSUM
7420	_ Valley Gutter, Conc, 12 inch, Modified	8027001	29.000	Ft
7430	Fence, Protective	8080007	34.000	Ft
7440	_ Fence, Ornamental Aluminum	8087001	859.000	Ft
7450	Slope Paving Header	8130015	1,200.000	Ft
7460	Slope Paving, Conc	8130020	2,086.000	Syd
7470	_ Slope Protection, Replace	8137011	36.000	Syd
7480	Conduit, Schedule 80 PVC, 1 1/2 inch, Structure	8190176	716.000	Ft
7490	Conduit, Schedule 80 PVC, 3 inch, Structure	8190179	276.000	Ft
7500	_ Railroad Protection	8507060	60,000.000	Dlr
7510	_ Railroad Inspection and Flagging	8507060	342,000.000	Dlr



9/9/2016 10:00 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 021

Letting Date: October 7, 2016

Contract ID: 31051-128053

Description: 0.18 mi of improved pedestrian crossings including curb bumpouts, signing, pavement markings and ADA ramps at various locations on US-41 in the cities of Houghton and Hancock, Houghton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128053A	STP 1631(013)	HK1162	ST 31051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,500.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	1.000	Ea
0030	Dr Structure, Rem	2030011	4.000	Ea
0040	Curb and Gutter, Rem	2040020	292.000	Ft
0050	Sidewalk, Rem	2040055	221.000	Syd
0060	Exploratory Investigation, Vertical	2040080	72.000	Ft
0070	Embankment, LM	2050011	50.000	Cyd
0080	Excavation, Earth	2050016	208.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0120	Subbase, LM	3010003	110.000	Cyd
0130	Aggregate Base, 6 inch	3020016	654.000	Syd
0140	Sewer, Cl A, 8 inch, Tr Det B	4020031	40.000	Ft
0150	Sewer, Cl E, 12 inch, Tr Det B	4020600	208.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0170	Dr Structure Cover, Type B	4030010	3.000	Ea
0180	Dr Structure Cover, Type D	4030025	7.000	Ea
0190	Dr Structure, 24 inch dia	4030200	6.000	Ea
0200	Dr Structure, 48 inch dia	4030210	3.000	Ea
0210	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0220	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0230	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0240	Pavt, Cleaning	5010001	1.000	LSUM
0250	HMA Surface, Rem	5010005	734.000	Syd
0260	Hand Patching	5010025	220.000	Ton
0270	Curb, Conc, Det E2	8020002	382.000	Ft

0280	Detectable Warning Surface	8030010	100.000	Ft
0290	Sidewalk Ramp, Conc, 6 inch	8030036	1,122.000	Sft
0300	Sidewalk, Conc, 6 inch	8030046	2,667.000	Sft
0310	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0320	Post, Steel, 3 lb	8100371	28.000	Ft
0330	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0340	Sign, Type III, Rem	8100403	3.000	Ea
0350	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	847.000	Ft
0360	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0380	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0390	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0450	Sign Cover	8120310	10.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0480	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0490	Slope Restoration, Type B	8160101	550.000	Syd
0500	Monument Preservation	8210010	3.000	Ea
0510	Water Shutoff, Adj, Case 1	8230421	2.000	Ea



9/9/2016 10:00 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 022

Letting Date: October 7, 2016

Contract ID: 38101-128542

Description: 7.40 mi of full-depth concrete joint repairs on I-94 from west of Michigan Avenue easterly to M-60, Jackson County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128542A	N/A	N/A	GF16 38101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$129,300.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,300.000	Syd
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	HMA Surface, Rem	5010005	8,000.000	Syd
0050	Hand Patching	5010025	150.000	Ton
0060	Joint, Contraction, Cp	6020200	4,000.000	Ft
0070	Cement	6030005	160.000	Ton
0080	Joint, Contraction, Crg	6030020	16,000.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	2,105.000	Ea
0100	Non-Chloride Accelerator	6030035	5,500.000	Gal
0110	Pavt Repr, Rem	6030080	6,700.000	Syd
0120	Saw Cut, Intermediate	6030090	11,437.000	Ft
0130	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	8,000.000	Syd
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	250.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	250.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	250.000	Ft
0170	Pavt Mrkg, Waterborne, 12 inch, White	8110237	100.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	250.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	250.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	250.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	100.000	Ft
0220	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0240	Ltg for Night Work	8120160	1.000	LSUM
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Plastic Drum, High Intensity, Furn	8120250	500.000	Ea
0270	Plastic Drum, High Intensity, Oper	8120251	475.000	Ea

0280	Sign Cover	8120310	7.000	Ea
0290	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0300	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,576.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,576.000	Sft
0330	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	8.000	Ea
0340	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	8.000	Ea
0350	Protect Corners	8210020	1.000	Ea



9/9/2016 10:00 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1610 023

Letting Date: October 7, 2016

Contract ID: 11400-121014

Description: 0.05 mi of concrete curb, gutter, sidewalk and ramps, drainage, traffic signal modernization including video detection, new base mounted controller and cabinet and pavement markings on Pipestone Street at Wall Street in the city of Benton Harbor, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121014A	CMG 1611(028)	JJ5540	CMG 11400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0030	Curb and Gutter, Rem	2040020	362.000	Ft
0040	Pavt, Rem	2040050	229.000	Syd
0050	Sidewalk, Rem	2040055	279.000	Syd
0060	Exploratory Investigation, Vertical	2040080	25.000	Ft
0070	Embankment, CIP	2050010	15.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0090	Subbase, CIP	3010002	11.000	Cyd
0100	Sewer, CI IV, 12 inch, Tr Det B	4020987	10.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0120	Dr Structure Cover, Type B	4030010	1.000	Ea
0130	Dr Structure Cover, Type K	4030050	3.000	Ea
0140	Dr Structure, 48 inch dia	4030210	1.000	Ea
0150	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0160	Hand Patching	5010025	9.000	Ton
0170	Conc Base Cse, Nonreinf, 7 inch	6020017	67.000	Syd
0180	Curb and Gutter, Conc, Det C4	8020023	329.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	791.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	3,290.000	Sft
0210	Sidewalk, Conc, 6 inch	8030046	90.000	Sft
0220	Sidewalk, Clay Brick Pavers, Rem	8030051	688.000	Sft
0230	_ Detectable Warning Surface, Modified	8037001	48.000	Ft
0240	_ Sidewalk, Clay Brick Pavers, Salv	8037010	322.000	Sft
0250	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0260	Post, Steel, 3 lb	8100371	13.000	Ft
0270	Sign, Type III, Rem	8100403	5.000	Ea

0280	Sign, Type IIIA	8100404	17.000	Sft
0290	Sign, Type IIIB	8100405	7.000	Sft
0300	_ Cantilever Bracket System Support, Double Sided Sign	8107050	2.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	413.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	105.000	Ft
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	874.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	874.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Conduit, DB, 1, 1 1/2 inch	8190027	65.000	Ft
0420	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
0430	Hh, Adj	8190244	2.000	Ea
0440	Hh, Polymer Conc	8190250	1.000	Ea
0450	Hh, Rem	8190254	1.000	Ea
0460	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0470	Cable, Sec, 600V, 1, 3/C#6	8190399	125.000	Ft
0480	Controller and Cabinet, Rem	8200030	1.000	Ea
0490	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0500	Controller Fdn, Base Mount	8200045	1.000	Ea
0510	Metered Serv	8200090	1.000	Ea
0520	Metered Serv, Rem	8200095	1.000	Ea
0530	Pedestal, Fdn	8200105	3.000	Ea
0540	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dlr
0550	Pushbutton and Sign	8200121	4.000	Ea
0560	Pushbutton, Rem	8200122	4.000	Ea
0570	Pushbutton Pedestal, Alum	8200123	3.000	Ea
0580	Serv Disconnect	8200135	1.000	Ea
0590	Serv Disconnect, Rem	8200136	1.000	Ea
0600	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0610	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
0620	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0630	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0640	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0650	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0660	_ TS, Uninterruptible Power System	8207050	1.000	Ea
0670	_ Universal Camera Bracket and Extension	8207050	4.000	Ea
0680	_ Video Traffic Detection Camera, Modified	8207050	4.000	Ea
0690	_ Video Traffic Detection System, Modified	8207050	1.000	Ea
0700	Water Shutoff, Adj, Case 1	8230421	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1610 024

Letting Date: October 7, 2016

Contract ID: 39609-127387

Description: 0.30 mi of hot mix asphalt resurfacing, concrete pavement, curb, gutter and sidewalk, drainage and traffic signal upgrades on Stadium Drive from 4th Street to 6th Street and on 11th Street at West Michigan Avenue, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127387A	HSIP 1639(030)	KK4140	HSIP 39609
131367A	CMG 1639(031)	JJ5543	CMG 39405

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$91,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	_ Tree, Rem, 37 inch or Larger, Modified	2027050	2.000	Ea
0040	_ Tree, Rem, 19 inch to 36 inch, Modified	2027050	3.000	Ea
0050	_ Tree, Rem, 6 inch to 18 inch, Modified	2027050	20.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Curb and Gutter, Rem	2040020	170.000	Ft
0090	Pavt, Rem	2040050	294.000	Syd
0100	_ Ditch Construction	2057002	31.000	Sta
0110	Subbase, CIP	3010002	1,100.000	Cyd
0120	_ Aggregate Base, 8 inch, 21AA Modified	3027011	3,100.000	Syd
0130	Maintenance Gravel, LM	3060021	45.000	Cyd
0140	Approach, CI II, CIP	3070022	45.000	Cyd
0150	Shoulder, CI II, 6 inch	3070128	1,225.000	Syd
0160	Trenching	3070200	31.000	Sta
0170	Culv End Sect, Metal, 12 inch	4010094	16.000	Ea
0180	Culv, CI F, 12 inch	4010607	230.000	Ft
0190	Sewer, CI E, 12 inch, Tr Det B	4020600	8.000	Ft
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure Cover, Type G	4030040	1.000	Ea
0220	Dr Structure, 24 inch dia	4030200	1.000	Ea
0230	Hand Patching	5010025	18.000	Ton
0240	HMA, 3E3	5010045	260.000	Ton
0250	HMA, 4E3	5010051	185.000	Ton
0260	HMA Approach	5010061	45.000	Ton

0270	Conc Base Cse, Nonreinf, 6 inch	6020015	25.000	Syd
0280	Curb and Gutter, Conc, Det B2	8020016	140.000	Ft
0290	Curb and Gutter, Conc, Det C4	8020023	30.000	Ft
0300	Detectable Warning Surface	8030010	78.000	Ft
0310	Sidewalk Ramp, Conc, 6 inch	8030036	765.000	Sft
0320	Sidewalk, Conc, 4 inch	8030044	230.000	Sft
0330	Guardrail, Type B	8070000	75.000	Ft
0340	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0350	Guardrail Reflector	8070080	6.000	Ea
0360	Post, Mailbox	8070095	13.000	Ea
0370	Post, Steel, 3 lb	8100371	117.000	Ft
0380	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0390	Sign, Type III, Rem	8100403	5.000	Ea
0400	Sign, Type IIIA	8100404	9.000	Sft
0410	Sign, Type IIIB	8100405	40.000	Sft
0420	Mast Arm Pole, Cat II	8100511	12.000	Ea
0430	Mast Arm, 30 foot, Cat II	8100532	1.000	Ea
0440	Mast Arm, 35 foot, Cat II	8100533	5.000	Ea
0450	Mast Arm, 40 foot, Cat II	8100534	2.000	Ea
0460	Mast Arm, 45 foot, Cat II	8100535	3.000	Ea
0470	Mast Arm, 50 foot, Cat II	8100536	1.000	Ea
0480	Mast Arm Pole Fdn, 6 Bolt	8100550	168.000	Ft
0490	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0510	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,200.000	Ft
0520	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,550.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	7,100.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	550.000	Ft
0580	Plastic Drum, High Intensity, Furn	8120250	175.000	Ea
0590	Plastic Drum, High Intensity, Oper	8120251	175.000	Ea
0600	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0610	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	Riprap, Plain	8130010	40.000	Syd
0660	_ Turf Establishment	8167011	5,750.000	Syd
0670	Cable Pole, TS and Sec, Disman	8190009	3.000	Ea
0680	Cable Pole, TS, Disman	8190010	1.000	Ea
0690	Conduit, DB, 1, 1 1/2 inch	8190027	475.000	Ft
0700	Conduit, DB, 3, 3 inch	8190035	220.000	Ft

0710	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
0720	Hh, Rem	8190254	2.000	Ea
0730	Hh, Round, 3 foot Dia.	8190259	6.000	Ea
0740	Hh, Round	8190260	10.000	Ea
0750	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0760	Wood Pole, Rem	8190505	3.000	Ea
0770	Conduit, Directional Bore, 2, 3 inch	8190604	1,051.000	Ft
0780	Case Sign, Rem	8200020	2.000	Ea
0790	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	10.000	Ea
0800	Controller and Cabinet, Rem	8200030	3.000	Ea
0810	Controller and Cabinet, Digital Type	8200031	3.000	Ea
0820	Controller and Cabinet, Salv	8200037	2.000	Ea
0830	Controller Fdn, Base Mount	8200045	3.000	Ea
0840	Fdn, Rem	8200065	1.000	Ea
0850	Pedestal, Alum	8200100	5.000	Ea
0860	Pedestal, Fdn	8200105	5.000	Ea
0870	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
0880	Pushbutton and Sign	8200121	4.000	Ea
0890	Serv Disconnect	8200135	5.000	Ea
0900	Serv Disconnect, Rem	8200136	3.000	Ea
0910	Span Wire, Rem	8200141	3.000	Ea
0920	Steel Pole, Rem	8200145	1.000	Ea
0930	Strain Pole, Steel, Anchor Base, 30 foot, Salv	8200156	2.000	Ea
0940	Guy, Rem	8200167	3.000	Ea
0950	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0960	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0970	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0980	TS, One Way Mast Arm Mtd (LED)	8200359	24.000	Ea
0990	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1000	Casing	8200480	154.000	Ft
1010	Backplate, TS	8200501	8.000	Ea
1020	_ Strain Pole Fdn, 4 Bolt	8207001	28.000	Ft
1030	_ Battery Back-Up system	8207050	3.000	Ea
1040	_ Managed Field Ethernet Switch, Layer 2, NEMA rack mount	8207050	3.000	Ea
1050	_ Modular Video Detection System	8207050	3.000	Ea
1060	_ Street Name Sign, Two Way, Non-Illuminated, 6 foot	8207050	12.000	Ea
1070	_ Universal Camera Bracket and Extension	8207050	21.000	Ea
1080	_ Wireless Intercn, Ethernet, Remote	8207050	5.000	Ea
1090	_ Wireless Intercn, Ethernet, Access Point	8207050	4.000	Ea
1100	_ Hydrant Extension	8237001	4.000	Ft



9/9/2016 10:00 AM
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Schedule of Pay Items

Report v1

Letting Call: 1610 025

Letting Date: October 7, 2016

Contract ID: 73073-124337

Description: 2.20 mi of shared-use hot mix asphalt non-motorized trail with 4 boardwalk locations spanning drains and low-lying wet areas along M-47 from south of Powley Drive southerly to the Freeland Sportszone, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124337A	TAP 1673(239)	YY0580	TA 73073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$109,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	128.000	Ft
0070	Curb and Gutter, Rem	2040020	493.000	Ft
0080	Fence, Rem	2040025	41.000	Ft
0090	Guardrail, Rem	2040035	914.000	Ft
0100	Pavt, Rem	2040050	141.000	Syd
0110	Sidewalk, Rem	2040055	221.000	Syd
0120	Embankment, CIP	2050010	3,450.000	Cyd
0130	Excavation, Earth	2050016	7,487.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0150	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0160	Erosion Control, Check Dam, Stone	2080012	176.000	Ft
0170	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0200	Erosion Control, Sediment Trap	2080034	14.000	Ea
0210	Erosion Control, Silt Fence	2080036	14,735.000	Ft
0220	Subbase, CIP	3010002	434.000	Cyd
0230	Aggregate Base, 6 inch	3020016	14,095.000	Syd
0240	Maintenance Gravel, LM	3060021	50.000	Cyd
0250	Approach, CI II, 6 inch	3070028	56.000	Syd
0260	Shoulder, CI II, 6 inch	3070128	164.000	Syd
0270	Culv End Sect, 12 inch	4010012	10.000	Ea

0280	Culv End Sect, 15 inch	4010015	3.000	Ea
0290	Culv End Sect, 18 inch	4010018	6.000	Ea
0300	Culv, CI A, 12 inch	4010131	64.000	Ft
0310	Culv, CI A, 18 inch	4010133	80.000	Ft
0320	Culv, CI F, 12 inch	4010607	120.000	Ft
0330	Culv, CI F, 15 inch	4010608	192.000	Ft
0340	Culv, CI F, 18 inch	4010609	96.000	Ft
0350	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	1.000	Ea
0360	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	3.000	Ea
0370	Sewer, CI A, 8 inch, Tr Det A	4020002	32.000	Ft
0380	Sewer, CI A, 12 inch, Tr Det A	4020004	85.000	Ft
0390	Sewer, CI A, 15 inch, Tr Det A	4020005	31.000	Ft
0400	Sewer, CI A, 18 inch, Tr Det A	4020006	342.000	Ft
0410	Sewer, CI A, 30 inch, Tr Det A	4020008	8.000	Ft
0420	Sewer, CI A, 18 inch, Tr Det B	4020035	92.000	Ft
0430	Sewer Tap, 18 inch	4021206	1.000	Ea
0440	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0450	Dr Structure Cover, Type B	4030010	2.000	Ea
0460	Dr Structure Cover, Type G	4030040	3.000	Ea
0470	Dr Structure, 48 inch dia	4030210	4.000	Ea
0480	Dr Structure, 72 inch dia	4030230	1.000	Ea
0490	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0500	HMA Surface, Rem	5010005	975.000	Syd
0510	HMA Quality Initiative	5010007	4,924.000	Dlr
0520	Hand Patching	5010025	24.000	Ton
0530	HMA Approach	5010061	81.000	Ton
0540	HMA, LVSP	5010703	245.000	Ton
0550	Lane Tie, Epoxy Anchored	6030030	52.000	Ea
0560	Driveway, Nonreinf Conc, 6 inch	8010005	159.000	Syd
0570	Curb and Gutter, Conc, Det B2	8020016	484.000	Ft
0580	Detectable Warning Surface	8030010	118.000	Ft
0590	Sidewalk Ramp, Conc, 4 inch	8030034	1,348.000	Sft
0600	Sidewalk, Conc, 4 inch	8030044	123.000	Sft
0610	Shared use Path, HMA	8060040	2,116.000	Ton
0620	Guardrail, Type B	8070000	788.000	Ft
0630	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0640	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0650	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0660	Guardrail Reflector	8070080	38.000	Ea
0670	Fence, Protective	8080007	1,000.000	Ft
0680	Post, Steel, 3 lb	8100371	156.000	Ft
0690	Sign, Type IIIA	8100404	14.000	Sft
0700	Sign, Type IIIB	8100405	16.000	Sft
0710	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	116.000	Ft
0720	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	6.000	Ea

0730	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0740	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0750	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0760	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Mobile Attenuator	8120180	2.000	Ea
0790	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0800	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0810	Sign, Type B, Temp, Prismatic, Furn	8120350	902.000	Sft
0820	Sign, Type B, Temp, Prismatic, Oper	8120351	820.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	110.000	Sft
0840	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0850	Riprap, Plain	8130010	42.000	Syd
0860	Site Preparation, Max \$900.00	8150001	1.000	LSUM
0870	Watering and Cultivating, First Season, Min \$500.00	8150002	1.000	LSUM
0880	Watering and Cultivating, Second Season, Min \$600.00	8150003	1.000	LSUM
0890	Acer rubrum 'Red Sunset', 1 1/2 inch	8150143	2.000	Ea
0900	Malus 'Prairie Fire', 1 1/2 inch	8152313	2.000	Ea
0910	Picea glauca 'Densata', 4 foot	8152754	2.000	Ea
0920	Picea pungens, 4 foot	8152800	10.000	Ea
0930	_ Turf Establishment, Performance-No Rye	8167011	19,000.000	Syd
0940	Gate Box, Adj, Case 2	8230432	6.000	Ea
0950	_ Bollard	8507050	4.000	Ea

Section: 2

0960	Embankment, Structure, CIP	2050012	13.000	Cyd
0970	Backfill, Structure, CIP	2060002	63.000	Cyd
0980	Excavation, Fdn	2060010	19.000	Cyd
0990	Erosion Control, Filter Bag	2080014	2.000	Ea
1000	Erosion Control, Gravel Filter Berm	2080018	40.000	Ft
1010	Erosion Control, Silt Fence	2080036	250.000	Ft
1020	Underdrain, Fdn, 4 inch	4040031	77.000	Ft
1030	Underdrain Outlet, 4 inch	4040091	10.000	Ft
1040	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1050	Steel Sheet Piling, Permanent	7040001	2,761.000	Sft
1060	_ Helical Pile	7057050	12.000	Ea
1070	_ Helical Pile, Load Test	7057050	1.000	Ea
1080	_ Helical Pile Equipment, Furn	7057051	1.000	LSUM
1090	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
1100	Reinforcement, Steel, Epoxy Coated	7060092	1,536.000	Lb
1110	Substructure Conc	7060100	15.000	Cyd
1120	_ Structure, Timber, Boardwalk	7097051	1.000	LSUM
1130	Bolt, Adhesive Anchored, 5/8 inch	7120041	36.000	Ea
1140	_ Obstruction Removal, Unexpected	7187060	5,000.000	Dlr

1150	Fence, Chain Link, 42 inch	8080010	45.000	Ft
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9/9/2016 10:00 AM
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Schedule of Pay Items

Report v1

Letting Call: 1610 026

Letting Date: October 7, 2016

Contract ID: 71071-128586

Description: 10.52 mi of single-course chip and fog sealing on US-23 from County Road 638 to M-65 and from Kings Corner to Bamfield Road, Presque Isle, Iosco and Alcona Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128586A	STP 1671(006)	HK1178	ST 71071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,900.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0030	Shoulder, CI II	3070121	800.000	Ton
0040	Overband Crack Fill, Lane	5020003	22.590	Lnmi
0050	Chip Seal, Single, Warranty	5050040	203,526.000	Syd
0060	_ Seal, Fog	5057011	203,526.000	Syd
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,320.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,120.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	111,028.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,320.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,120.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	111,028.000	Ft
0130	_ Traffic Control	8127051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1610 027

Letting Date: October 7, 2016

Contract ID: 13031-129141

Description: 3.88 mi of hot mix asphalt spot corrections, regrounding of centerline corrugations through microsurfacing, overband crack filling pretreatment, single course chip sealing, fog sealing and shoulder gravel on M-66 from S Drive South to L Drive South, Calhoun County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129141A	STP 1613(020)	HK1177	ST 13031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,273.000	Ton
0030	Cold Milling HMA Surface	5010002	1,212.000	Syd
0040	Hand Patching	5010025	100.000	Ton
0050	Overband Crack Fill, Lane	5020003	8.220	Lnmi
0060	Micro-Surface, Single Cse	5040010	4,547.000	Syd
0070	Chip Seal, Single, Warranty	5050040	85,792.000	Syd
0080	_ Seal, Fog	5057011	85,792.000	Syd
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	490.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,222.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	38,830.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	490.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,222.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	38,830.000	Ft
0150	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	410.000	Ea
0220	Sign Cover	8120310	10.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	880.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	880.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM

0260	Centerline Corrugations, Milled, HMA	8220013	10,277.000	Ft
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Schedule of Pay Items

Report v1

Letting Call: 1610 028

Letting Date: October 7, 2016

Contract ID: 73062-129109

Description: Traffic signal modernization and sidewalk upgrade on M-46 (Gratiot Road) at River Road, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129109A	N/A	N/A	GF16 73062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	187.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Sidewalk, Rem	2040055	96.000	Syd
0050	Exploratory Investigation, Vertical	2040080	120.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	12.000	Cyd
0070	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0080	HMA Surface, Rem	5010005	42.000	Syd
0090	Hand Patching	5010025	36.000	Ton
0100	Saw Cut, Intermediate	6030090	221.000	Ft
0110	Curb and Gutter, Conc, Det B2	8020016	97.000	Ft
0120	Detectable Warning Surface	8030010	58.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	1,142.000	Sft
0140	Fence, Protective	8080007	100.000	Ft
0150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	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	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0220	Sign Cover	8120310	4.000	Ea
0230	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	_ Turf Establishment, Performance	8167011	300.000	Syd
0290	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0300	Cable Pole, TS, Disman	8190010	1.000	Ea
0310	Cable, Rem	8190016	130.000	Ft
0320	Conduit, DB, 1, 1 1/2 inch	8190027	110.000	Ft
0330	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
0340	Conduit, DB, 4, 3 inch	8190038	30.000	Ft
0350	Hh, Adj	8190244	1.000	Ea
0360	Hh, Rem	8190254	3.000	Ea
0370	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0380	Hh, Round	8190260	3.000	Ea
0390	Cable, Sec, 600V, 1, 3/C#6	8190399	50.000	Ft
0400	Case Sign, Rem	8200020	1.000	Ea
0410	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0420	Controller and Cabinet, Rem	8200030	1.000	Ea
0430	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0440	Controller Fdn, Base Mount	8200045	1.000	Ea
0450	Global Positioning System Module	8200050	1.000	Ea
0460	Pedestal, Fdn	8200105	3.000	Ea
0470	Pedestal Fdn, Rem	8200106	2.000	Ea
0480	Pedestal, Rem	8200110	2.000	Ea
0490	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
0500	Pushbutton and Sign	8200121	4.000	Ea
0510	Pushbutton Pedestal, Alum	8200123	3.000	Ea
0520	Serv Disconnect	8200135	1.000	Ea
0530	Serv Disconnect, Rem	8200136	1.000	Ea
0540	Span Wire	8200140	4.000	Ea
0550	Span Wire, Rem	8200141	1.000	Ea
0560	Span Wire Tether	8200142	4.000	Ea
0570	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0580	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0590	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0600	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0610	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
0620	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
0630	Strain Pole Fdn, 6 Bolt	8200470	54.000	Ft
0640	Casing	8200480	45.000	Ft
0650	Backplate, TS	8200501	8.000	Ea
0660	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
0670	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1610 029

Letting Date: October 7, 2016

Contract ID: 80023-129396

Description: 2.54 mi of tree removal and intersection sight improvements on I-94 eastbound near Exit 46 and on M-60 at Dailey Road, Van Buren and Cass Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129396A	N/A	N/A	GF16 80023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	7.200	Acre
0030	Excavation, Earth	2050016	1,650.000	Cyd
0040	Erosion Control, Sediment Trap	2080034	10.000	Ea
0050	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0060	_ Permeable Runoff Structure	2087001	160.000	Ft
0070	Post, Steel, 3 lb	8100371	26.000	Ft
0080	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0090	Sign, Type II, Rem	8100397	1.000	Ea
0100	Channelizing Device, 42 inch, Furn	8120030	120.000	Ea
0110	Channelizing Device, 42 inch, Oper	8120031	120.000	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	Sign Cover	8120310	10.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	501.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	501.000	Sft
0180	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0190	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	Slope Restoration, Type A	8160100	15,750.000	Syd
0220	Slope Restoration, Type B	8160101	1,000.000	Syd
0230	Contractor Staking, Road Only	8240007	1.000	LSUM
0240	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0250	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0260	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1610 030

Letting Date: October 7, 2016

Contract ID: 58033-131403

Description: Emergency repair for high-load hit including deck, fascia beam and bearing replacement, heat straightening and beam realignment on US-23 under Milwaukee Road, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131403A	N/A	N/A	MER 58033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,500.00	1500001	1.000	LSUM
0020	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	700.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	700.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	700.000	Ft
0070	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,400.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0100	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0110	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0120	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0130	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0140	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0150	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Ltg for Night Work	8120160	1.000	LSUM
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Mobile Attenuator	8120180	2.000	Ea
0210	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0230	Sign Cover	8120310	10.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	789.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	789.000	Sft
0260	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea

0270	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0280	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0300	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0310	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0320	Bridge Ltg, Furn and Rem (S01 of 58033)	7060001	1.000	LSUM
0330	Bridge Ltg, Oper and Maintain	7060002	71.000	Cyd
0340	Conduit, 3 inch	7060030	71.000	Ft
0350	Expansion Joint Device	7060050	64.000	Ft
0360	False Decking	7060060	2,501.000	Sft
0370	Reinforcement, Steel, Epoxy Coated	7060092	13,675.000	Lb
0380	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 58033)	7060112	1.000	LSUM
0390	Superstructure Conc, Night Casting	7060113	71.000	Cyd
0400	Bearing, Elastomeric, 2 1/4 inch	7070017	133.000	Sin
0410	Shear Developers (S01 of 58033)	7070040	1.000	LSUM
0420	Structural Steel, Rolled Shape, Erect	7070070	12,279.000	Lb
0430	Structural Steel, Rolled Shape, Furn and Fab	7070071	12,279.000	Lb
0440	Bridge Barrier Railing, Type 5	7110002	142.000	Ft
0450	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	2.000	Ea
0460	Bolt, Adhesive Anchored, 1 inch	7120044	12.000	Ea
0470	Structures, Rehabilitation, Rem Portions (S01 of 58033)	7120070	1.000	LSUM
0480	Deck Joint, Rem	7120071	66.000	Ft
0490	Patching Conc, C-L	7120112	1.000	Cyd
0500	Beam Plate, Seal Perimeter	7130010	59.000	Ft
0510	Heat Straightening Steel (S01 of 58033)	7130040	1.000	LSUM
0520	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,814.000	Lb
0530	Support, Column, Temp	7130080	5.000	Ea
0540	_ Reposition Girders (S01 of 58033)	7137051	1.000	LSUM
0550	Steel Structure, Cleaning, Partial, Type 4 (S01 of 58033)	7150047	1.000	LSUM
0560	Steel Structure, Coating, Partial, Type 4 (S01 of 58033)	7150048	1.000	LSUM
0570	Field Repair of Damaged Coating (S01 of 58033)	7160001	1.000	LSUM
0580	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0590	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
0600	Sign, Type II, Rem	8100397	1.000	Ea
0610	Sign, Type IIB	8100399	16.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 1610 031

Letting Date: October 7, 2016

Contract ID: 25031-131528

Description: Partial superstructure replacement, heat straightening, partial cleaning and coating and maintaining traffic on Lahring Road over US-23, Genesee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131528A	N/A	N/A	MER 25031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Lane Rental Incentive	1020002	20,000.000	Dlr
0020	Mobilization, Max \$40,400.00	1500001	1.000	LSUM
0030	_ Closed Circuit Television Camera	8007050	2.000	Ea
0040	_ Portable Non-Intrusive Traffic Sensors	8007050	6.000	Ea
0050	_ Stopped Traf Advisory System	8007051	1.000	LSUM
0060	_ Central Computer	8007051	1.000	LSUM
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	65.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	65.000	Ft
0090	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	3.000	Ea
0100	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	3.000	Ea
0110	Conc Barrier Ending, Temp, Detail 4, Relocated	8120053	2.000	Ea
0120	Conc Barrier, Temp, Furn	8120081	650.000	Ft
0130	Conc Barrier, Temp, Oper	8120082	650.000	Ft
0140	Conc Barrier, Temp, Relocated	8120083	300.000	Ft
0150	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0160	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0190	Ltg for Night Work	8120160	1.000	LSUM
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg Cover, Type R, Black	8120200	2,636.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,200.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,010.000	Ft
0240	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0260	Sign Cover	8120310	6.000	Ea
0270	Sign Cover, Type 1	8120320	2.000	Ea

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,070.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,070.000	Sft
0300	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	8.000	Ea
0310	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	8.000	Ea
0320	Contractor Staking	8240001	1.000	LSUM
0330	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0340	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0350	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Section: 2

0360	Bridge Ltg, Furn and Rem (S02 of 25031)	7060001	1.000	LSUM
0370	Bridge Ltg, Oper and Maintain	7060002	14.000	Cyd
0380	Conc, Grade D	7060010	2.000	Cyd
0390	Expansion Joint Device	7060050	17.000	Ft
0400	False Decking	7060060	625.000	Sft
0410	Reinforcement, Steel, Epoxy Coated	7060092	3,205.000	Lb
0420	Superstructure Conc	7060110	8.000	Cyd
0430	Superstructure Conc, Form, Finish, and Cure (S02 of 25031)	7060111	1.000	LSUM
0440	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 25031)	7060112	1.000	LSUM
0450	Superstructure Conc, Night Casting	7060113	14.000	Cyd
0460	Bushing	7070030	8.000	Ea
0470	Shear Developers (S02 of 25031)	7070040	1.000	LSUM
0480	Structural Steel, Rolled Shape, Erect	7070070	13,800.000	Lb
0490	Structural Steel, Rolled Shape, Furn and Fab	7070071	13,800.000	Lb
0500	Conc Surface Coating (S02 of 25031)	7100010	1.000	LSUM
0510	_ Bridge Railing Panel, Rem, Salv, and Erect	7117001	70.000	Ft
0520	Structures, Rehabilitation, Rem Portions (S02 of 25031)	7120070	1.000	LSUM
0530	Bridge Joint, Revise Expansion Device	7120080	2.000	Ea
0540	Reinforcement, Mechanical Splice	7120084	248.000	Ea
0550	Top Flanges and Beam Ends, Clean and Coat	7120100	1.000	Syd
0560	Embedded Galvanic Anode	7120120	36.000	Ea
0570	Beam Plate, Seal Perimeter	7130010	85.000	Ft
0580	Hanger Assembly, Field Measurement	7130030	2.000	Ea
0590	Heat Straightening Steel (S02 of 25031)	7130040	1.000	LSUM
0600	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,900.000	Lb
0610	Steel Structure, Cleaning, Partial, Type 4 (S02 of 25031)	7150047	1.000	LSUM
0620	Steel Structure, Coating, Partial, Type 4 (S02 of 25031)	7150048	1.000	LSUM
0630	Field Repair of Damaged Coating (S02 of 25031)	7160001	1.000	LSUM
0640	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
0650	Sign, Type IIB	8100399	16.000	Sft

Section: 3

0660	Lane Rental	1020001	1.000	LSUM
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