



12/21/2016 5:04 PM

Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1702 001

Letting Date: February 3, 2017

Contract ID: 83032-113348-2

Description: 5.75 mi of hot mix asphalt reconstruction, concrete curb and gutter, guardrail, sewer, drainage, signage and pavement markings on Old US-131 from US-131 to M-42 in the city of Manton, Wexford County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113348A	STP 1683(012)	HK1217	ST 83032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$526,800.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	31.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	41.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0090	Curb and Gutter, Rem	2040020	998.000	Ft
0100	Pavt, Rem	2040050	61,120.000	Syd
0110	Structures, Rem Portions	2040061	1.000	LSUM
0120	Embankment, CIP	2050010	46,129.000	Cyd
0130	Excavation, Channel	2050015	142.000	Cyd
0140	Excavation, Earth	2050016	67,330.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0160	Subgrade Undercutting, Type II	2050041	13,000.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	3,250.000	Ft
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0190	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	85.000	Cyd
0210	Erosion Control, Sediment Basin	2080032	40.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	135.000	Ea
0230	Erosion Control, Silt Fence	2080036	7,960.000	Ft
0240	_ Straw Wattle	2087001	1,640.000	Ft
0250	Aggregate Base, 8 inch	3020020	102,306.000	Syd
0260	Maintenance Gravel	3060020	1,000.000	Ton
0270	Approach, CI I	3070001	2,325.000	Ton

0280	Approach, CI II	3070021	1,396.000	Ton
0290	Shoulder, CI II	3070121	2,769.000	Ton
0300	Culv End Sect, 12 inch	4010012	4.000	Ea
0310	Culv End Sect, 15 inch	4010015	86.000	Ea
0320	Culv End Sect, 18 inch	4010018	12.000	Ea
0330	Culv End Sect, 24 inch	4010024	2.000	Ea
0340	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0350	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0360	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0370	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0380	Culv End Sect, Grate	4010083	982.000	Lb
0390	Culv End Sect, Salv, 30 inch or less	4010119	1.000	Ea
0400	Culv, CI A, 15 inch	4010132	64.000	Ft
0410	Culv, CI A, 18 inch	4010133	264.000	Ft
0420	Culv, CI A, Conc, 24 inch	4010168	32.000	Ft
0430	Culv, CI A, Conc, 30 inch	4010169	40.000	Ft
0440	Culv, CI B, 24 inch	4010236	136.000	Ft
0450	Culv, CI D, Conc, 48 inch	4010478	168.000	Ft
0460	Culv, CI E, 24 inch	4010542	56.000	Ft
0470	Culv, CI F, 12 inch	4010607	28.000	Ft
0480	Culv, CI F, 15 inch	4010608	1,873.000	Ft
0490	Culv, CI F, 18 inch	4010609	78.000	Ft
0500	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0510	Dr Marker Post	4011109	32.000	Ea
0520	_ Culvert Bedding	4017021	198.000	Cyd
0530	Sewer, CI E, 15 inch, Tr Det B	4020601	202.000	Ft
0540	Trench Undercut and Backfill	4021260	100.000	Cyd
0550	Video Taping Sewer and Culv Pipe	4021275	810.000	Ft
0560	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0570	Dr Structure Cover, Type J	4030045	4.000	Ea
0580	Dr Structure Cover, Type Q	4030065	2.000	Ea
0590	Dr Structure, 48 inch dia	4030210	4.000	Ea
0600	Underdrain, Subbase, 6 inch	4040063	719.000	Ft
0610	Underdrain, Subbase, 8 inch	4040065	650.000	Ft
0620	Underdrain, Subgrade, 6 inch	4040073	4,000.000	Ft
0630	Underdrain Outlet, 6 inch	4040093	455.000	Ft
0640	Underdrain Outlet, 8 inch	4040095	30.000	Ft
0650	Underdrain, Outlet Ending, 6 inch	4040113	17.000	Ea
0660	Underdrain, Outlet Ending, 8 inch	4040115	2.000	Ea
0670	_ Open-Graded Trench	4047001	719.000	Ft
0680	Cold Milling HMA Surface	5010002	12,024.000	Syd
0690	HMA Surface, Rem	5010005	103,187.000	Syd
0700	HMA Quality Initiative	5010007	52,960.000	Dlr
0710	HMA, 3E1	5010044	16,010.000	Ton
0720	HMA, 5E1	5010056	9,017.000	Ton

0730	HMA Approach	5010061	1,453.000	Ton
0740	_ High Performance Biaxial Geogrid	7007011	456.000	Syd
0750	Driveway, Nonreinf Conc, 6 inch	8010005	90.000	Syd
0760	Curb and Gutter, Conc, Det B2	8020016	1,709.000	Ft
0770	Driveway Opening, Conc, Det M	8020050	312.000	Ft
0780	Curb Sloped, HMA	8050010	707.000	Ft
0790	Guardrail, Type B	8070000	150.000	Ft
0800	Guardrail, Curved, Type B	8070010	50.000	Ft
0810	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0820	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0830	Guardrail, Salv	8070075	1,767.000	Ft
0840	Guardrail Reflector	8070080	18.000	Ea
0850	Post, Mailbox	8070095	53.000	Ea
0860	_ Guardrail Long Span, Det B-25	8077050	2.000	Ea
0870	Fdn, Wood Support, Rem	8100280	7.000	Ea
0880	Post, Delineator	8100350	77.000	Ea
0890	Post, Steel, 3 lb	8100371	1,273.000	Ft
0900	Post, Wood, 6 inch by 8 inch	8100382	133.000	Ft
0910	Sign, Type II, Erect, Salv	8100396	17.000	Ea
0920	Sign, Type II, Rem	8100397	18.000	Ea
0930	Sign, Type IIA	8100398	7.000	Sft
0940	Sign, Type III, Erect, Salv	8100402	52.000	Ea
0950	Sign, Type III, Rem	8100403	85.000	Ea
0960	Sign, Type IIIA	8100404	18.000	Sft
0970	Sign, Type IIIB	8100405	53.000	Sft
0980	Sign, Type VB	8100425	6.000	Sft
0990	Reflective Panel for Permanent Sign Support, 6 foot	8100616	44.000	Ea
1000	_ Delineator Reflector, Rectangular, 3 inch by 12 inch, White	8107050	86.000	Ea
1010	_ Delineator Reflector, Rectangular, 3 inch by 6 inch, Green	8107050	34.000	Ea
1020	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1030	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	61,100.000	Ft
1050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,000.000	Ft
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
1080	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1090	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1100	Minor Traf Devices	8120170	1.000	LSUM
1110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	400.000	Ft
1120	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,640.000	Ft
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	396.000	Ft

1140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,880.000	Ft
1150	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
1160	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
1170	Sign Cover	8120310	8.000	Ea
1180	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1190	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1200	Sign, Type A, Temp, Prismatic, Furn	8120340	145.000	Sft
1210	Sign, Type A, Temp, Prismatic, Oper	8120341	145.000	Sft
1220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,762.000	Sft
1230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,762.000	Sft
1240	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	360.000	Sft
1250	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	360.000	Sft
1260	Traf Regulator Control	8120370	1.000	LSUM
1270	Riprap, Plain	8130010	1,282.000	Syd
1280	_ Ditch Liner, 10 foot Width	8137011	2,956.000	Syd
1290	_ Ditch Liner, 14 foot Width	8137011	195.000	Syd
1300	Ditch, Plain Cobble	8140005	1,136.000	Syd
1310	Paved Ditch, HMA	8140010	140.000	Syd
1320	Acer saccharinum, 2 inch	8150165	1.000	Ea
1330	Fertilizer, Chemical Nutrient, CI A	8160020	5,709.000	Lb
1340	Mulch	8160025	130,000.000	Syd
1350	Mulch Anchoring	8160026	130,000.000	Syd
1360	Mulch Blanket	8160027	31,054.000	Syd
1370	Mulch Blanket, High Velocity	8160028	12,746.000	Syd
1380	Seeding, Mixture TDS	8160037	7,136.000	Lb
1390	Topsoil Surface, Furn, 3 inch	8160061	78,500.000	Syd
1400	Topsoil Surface, Salv, 3 inch	8160076	78,500.000	Syd
1410	Monument Box	8210001	20.000	Ea
1420	Monument Preservation	8210010	20.000	Ea
1430	Centerline Corrugations, Milled, HMA	8220013	28,300.000	Ft
1440	Water Serv, Conflict	8230250	5.000	Ea
1450	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
1460	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
1470	_ Water Main Conflict, 6 inch	8237050	5.000	Ea
1480	Contractor Staking	8240001	1.000	LSUM
1490	Staking Plan Errors and Extras, One Person	8240020	53.000	Hr
1500	Staking Plan Errors and Extras, Two Person	8240021	21.000	Hr
1510	Staking Plan Errors and Extras, Three Person	8240022	32.000	Hr
1520	Flowable Fill, Non-Structural	8260148	24.000	Cyd



12/21/2016 5:04 PM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1702 002

Letting Date: February 3, 2017

Contract ID: 50022-111361

Description: 5.80 mi of hot mix asphalt reconstruction, addition of left-turn lane at crossover and bridge rehabilitation on M-59 from M-53 to just east of Heydenrich Road in the cities of Sterling Heights and Utica, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
111361A	NH 1750(008)	HK1328	ST 50022
120383A	CM 1750(007)	HK1327	CM 50022
129452A	NH 1750(006)	HK1326	NH 50022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	7,500.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	84,000.000	Dlr
0060	_ Reimbursed Fees	1077060	9,000.000	Dlr
0070	Mobilization, Max \$5,538,600.00	1500001	1.000	LSUM
0080	Clearing	2010001	1.010	Acre
0090	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0100	Tree, Rem, 6 inch to 18 inch	2020004	455.000	Ea
0110	Culv, End, Rem, Less than 24 inch	2030005	79.000	Ea
0120	Dr Structure, Rem	2030011	546.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	20,947.000	Ft
0140	Sewer, Rem, 24 inch to 48 inch	2030016	1,786.000	Ft
0150	Curb and Gutter, Rem	2040020	49,109.000	Ft
0160	Fence, Rem	2040025	4,759.000	Ft
0170	Guardrail, Rem	2040035	845.000	Ft
0180	Masonry and Conc Structure, Rem	2040045	40.000	Cyd
0190	Pavt, Rem	2040050	352,187.000	Syd
0200	Sidewalk, Rem	2040055	7,546.000	Syd
0210	Exploratory Investigation, Vertical	2040080	750.000	Ft
0220	_ Paver, Rem and Salv	2047010	220.000	Sft
0230	Embankment, CIP	2050010	63,675.000	Cyd
0240	Excavation, Earth	2050016	445,004.000	Cyd
0250	Non Haz Contaminated Material Handling and	2050031	1,515.000	Cyd

	Disposal, LM			
0260	Subgrade Undercutting, Type II	2050041	9,515.000	Cyd
0270	_ Phragmites Plant Material Handlingand Disposal, LM	2057021	6,203.000	Cyd
0280	_ Subgrade Undercutting, Modified	2057021	9,500.000	Cyd
0290	Aggregate, 6A	2060001	16.000	Cyd
0300	Erosion Control, Check Dam, Stone	2080012	300.000	Ft
0310	Erosion Control, Gravel Access Approach	2080016	8.000	Ea
0320	Erosion Control, Gravel Filter Berm	2080018	609.000	Ft
0330	Erosion Control, Inlet Protection, Fabric Drop	2080020	954.000	Ea
0340	Erosion Control, Inlet Protection, Sediment Trap	2080024	118.000	Ea
0350	Erosion Control, Maintenance, Sediment Removal	2080026	35.000	Cyd
0360	Erosion Control, Sediment Trap	2080034	25.000	Ea
0370	Erosion Control, Silt Fence	2080036	10,740.000	Ft
0380	Project Cleanup	2090001	1.000	LSUM
0390	Subbase, CIP	3010002	95,875.000	Cyd
0400	Aggregate Base, 4 inch	3020010	14,058.000	Syd
0410	Aggregate Base, 6 inch	3020016	11,972.000	Syd
0420	Open-Graded Dr Cse, 4 inch	3030004	1,097.000	Syd
0430	Open-Graded Dr Cse, 6 inch	3030006	1,361.000	Syd
0440	Open-Graded Dr Cse, CIP	3030030	28,998.000	Cyd
0450	_ Open-Graded Dr Cse, 16 inch	3037011	406,668.000	Syd
0460	Shoulder, CI II, Temp	3070170	632.000	Ton
0470	_ Shoulder, CI II, 12 inch	3077011	7.000	Syd
0480	Geotextile, Separator	3080005	449,662.000	Syd
0490	Culv End Sect, 12 inch	4010012	140.000	Ea
0500	Culv End Sect, 18 inch	4010018	2.000	Ea
0510	Culv End Sect, 24 inch	4010024	2.000	Ea
0520	Culv End Sect, 30 inch	4010030	1.000	Ea
0530	Culv End Sect, 36 inch	4010036	1.000	Ea
0540	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0550	Culv, CI A, 12 inch	4010131	336.000	Ft
0560	Dr Marker Post	4011109	113.000	Ea
0570	Outfall Label	4011115	5.000	Ea
0580	Sewer, CI A, 12 inch, Tr Det B	4020033	35,034.000	Ft
0590	Sewer, CI A, 18 inch, Tr Det B	4020035	461.000	Ft
0600	Sewer, CI A, 24 inch, Tr Det B	4020036	296.000	Ft
0610	Sewer, CI A, 30 inch, Tr Det B	4020037	881.000	Ft
0620	Sewer, CI A, 36 inch, Tr Det B	4020038	327.000	Ft
0630	Sewer, CI B, 24 inch, Tr Det B	4020186	140.000	Ft
0640	Sewer, CI B, 30 inch, Tr Det B	4020187	153.000	Ft
0650	Sewer, CI E, 12 inch, Tr Det B	4020600	6,323.000	Ft
0660	Sewer, CI E, 30 inch, Tr Det B	4020604	612.000	Ft
0670	Sewer Tap, 6 inch	4021201	1.000	Ea
0680	Sewer Tap, 12 inch	4021204	9.000	Ea
0690	Sewer Tap, 15 inch	4021205	1.000	Ea

0700	Sewer Tap, 18 inch	4021206	14.000	Ea
0710	Sewer Tap, 24 inch	4021207	11.000	Ea
0720	Sewer Tap, 30 inch	4021208	25.000	Ea
0730	Sewer Tap, 36 inch	4021209	5.000	Ea
0740	Sewer Bulkhead, 30 inch	4021236	2.000	Ea
0750	Video Taping Sewer and Culv Pipe	4021275	41,128.000	Ft
0760	Sewer, Reinf Conc Ellip, HE Cl A, 29 inch by 45 inch, Tr Det B	4021304	27.000	Ft
0770	_ Dewatering System	4027051	1.000	LSUM
0780	Dr Structure Cover, Adj, Case 1, Modified	4030004	124.000	Ea
0790	Dr Structure Cover, Adj, Case 1	4030005	119.000	Ea
0800	Dr Structure Cover, Adj, Case 2	4030006	63.000	Ea
0810	Dr Structure Cover, Type B	4030010	243.000	Ea
0820	Dr Structure Cover, Type C	4030015	12.000	Ea
0830	Dr Structure Cover, Type D	4030025	44.000	Ea
0840	Dr Structure Cover, Type E	4030035	1.000	Ea
0850	Dr Structure Cover, Type G	4030040	61.000	Ea
0860	Dr Structure Cover, Type J	4030045	881.000	Ea
0870	Dr Structure Cover, Type Q	4030065	6.000	Ea
0880	Dr Structure Cover, Type R	4030070	22.000	Ea
0890	Dr Structure Lead, Cleaning, 12 inch	4030112	3,800.000	Ft
0900	Dr Structure Lead, Cleaning, 15 inch	4030115	360.000	Ft
0910	Dr Structure Lead, Cleaning, 18 inch	4030118	5,163.000	Ft
0920	Dr Structure Lead, Cleaning, 24 inch	4030124	7,662.000	Ft
0930	Dr Structure Lead, Cleaning, 30 inch	4030130	10,173.000	Ft
0940	Dr Structure Lead, Cleaning, 36 inch	4030136	7,079.000	Ft
0950	Dr Structure Lead, Cleaning, 42 inch	4030142	658.000	Ft
0960	Dr Structure, 24 inch dia	4030200	399.000	Ea
0970	Dr Structure, 48 inch dia	4030210	591.000	Ea
0980	Dr Structure, 60 inch dia	4030220	104.000	Ea
0990	Dr Structure, 72 inch dia	4030230	7.000	Ea
1000	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	18.000	Ft
1010	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	118.000	Ft
1020	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	258.000	Ft
1030	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	6.000	Ft
1040	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	70.000	Ft
1050	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	18.000	Ft
1060	Dr Structure, Adj, Add Depth	4030280	123.000	Ft
1070	Dr Structure, Cleaning	4030290	184.000	Ea
1080	Dr Structure, Tap, 12 inch	4030312	344.000	Ea
1090	Dr Structure, Tap, 24 inch	4030324	4.000	Ea

1100	Dr Structure, Tap, 30 inch	4030330	5.000	Ea
1110	Dr Structure, Tap, 36 inch	4030336	2.000	Ea
1120	Dr Structure, Temp Lowering	4030390	263.000	Ea
1130	_ Dr Structure Cover, Type B, Special	4037050	64.000	Ea
1140	_ Dr Structure Cover, Type D, Modified	4037050	151.000	Ea
1150	Underdrain, Bank, Open-Graded, 6 inch	4040013	842.000	Ft
1160	Underdrain, Pipe, Open-Graded, 4 inch	4040041	150.000	Ft
1170	Underdrain, Pipe, Open-Graded, 6 inch	4040043	172,186.000	Ft
1180	Underdrain, Subgrade, 6 inch	4040073	5,525.000	Ft
1190	Underdrain Outlet, 6 inch	4040093	9,362.000	Ft
1200	Underdrain, Outlet Ending, 6 inch	4040113	30.000	Ea
1210	Pavt, Cleaning	5010001	1.000	LSUM
1220	Cold Milling HMA Surface	5010002	1,277.000	Syd
1230	Bump Grinding	5010004	4,400.000	Syd
1240	HMA Surface, Rem	5010005	42,858.000	Syd
1250	HMA Patch, Rem	5010006	4,768.000	Syd
1260	HMA Quality Initiative	5010007	304,372.000	Dlr
1270	Pavt for Butt Joints, Rem	5010008	1,400.000	Syd
1280	Longitudinal Joint Density Quality Initiative	5010018	382,623.000	Dlr
1290	Pavt Joint and Crack Repr, Det 7	5010020	25,000.000	Ft
1300	Hand Patching	5010025	2,940.000	Ton
1310	HMA, 3E10	5010046	46,900.000	Ton
1320	HMA Approach	5010061	10,900.000	Ton
1330	HMA, 3E10, High Stress	5010504	46,900.000	Ton
1340	HMA, 5E10, High Stress	5010516	4,724.000	Ton
1350	HMA Approach, High Stress	5010520	16,318.000	Ton
1360	HMA, LVSP	5010703	4,818.000	Ton
1370	HMA, Temp Pavt (3E3)	5010804	14,005.000	Ton
1380	HMA, Temp Pavt (4E3)	5010805	10,004.000	Ton
1390	HMA, Temp Pavt (5E3)	5010806	6,750.000	Ton
1400	_ Decorative Crosswalk (HMA)	5017011	2,563.000	Syd
1410	_ HMA Gap-Graded Superpave(3/8 inch Nominal Max)	5017031	18,759.000	Ton
1420	_ Ride Incentive	5017060	57,371.000	Dlr
1430	Joint, Contraction, Cp	6020200	193.000	Ft
1440	Joint, Contraction, C3p	6020201	60.000	Ft
1450	Joint, Expansion, E2	6020207	80.000	Ft
1460	Joint, Expansion, E3	6020208	241.000	Ft
1470	Joint, Contraction Cp, Intersection	6020250	490.000	Ft
1480	Joint, Expansion E2, Intersection	6020270	31.000	Ft
1490	Conc Quality Initiative	6020401	250.000	Dlr
1500	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	34.000	Syd
1510	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	790.000	Syd
1520	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	535.000	Syd
1530	Joint, Expansion, Erg	6030021	302.000	Ft

1540	Lane Tie, Epoxy Anchored	6030030	1,306.000	Ea
1550	_ High Performance Biaxial Geogrid	7007011	10,000.000	Syd
1560	Steel Sheet Piling, Permanent	7040001	680.000	Sft
1570	Conc, Grade S2	7060011	4.000	Cyd
1580	Reinforcement, Steel, Culv and Headwall	7060091	160.000	Lb
1590	_ Pedestrian Path, Temp	8007001	1,600.000	Ft
1600	_ Bus Stop, Temp	8007050	16.000	Ea
1610	_ Pedestrian Ramp, Temp	8007050	50.000	Ea
1620	_ Automated Irrigation System	8007051	1.000	LSUM
1630	Driveway, Nonreinf Conc, 8 inch	8010007	4,827.000	Syd
1640	Curb, Conc, Det E2	8020002	39.000	Ft
1650	Curb and Gutter, Bridge Approach	8020010	206.000	Ft
1660	Curb and Gutter, Conc, Det B1	8020015	7,041.000	Ft
1670	Curb and Gutter, Conc, Det B2	8020016	85,652.000	Ft
1680	Curb and Gutter, Conc, Det B3	8020017	572.000	Ft
1690	Curb and Gutter, Conc, Det D2	8020031	1,690.000	Ft
1700	Curb and Gutter, Conc, Det D3	8020032	72.000	Ft
1710	Curb and Gutter, Conc, Det F6	8020040	92.000	Ft
1720	Driveway Opening, Conc, Det M	8020050	5,290.000	Ft
1730	Downspout Header, Conc	8020070	4.000	Ea
1740	_ Curb and Gutter, Conc, Det B1, Modified	8027001	250.000	Ft
1750	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,247.000	Ft
1760	Detectable Warning Surface	8030010	1,184.000	Ft
1770	Sidewalk Ramp, Conc, 4 inch	8030034	1,756.000	Sft
1780	Sidewalk Ramp, Conc, 6 inch	8030036	20,615.000	Sft
1790	Sidewalk, Conc, 4 inch	8030044	68,983.000	Sft
1800	_ Sidewalk, Conc, 8 inch	8037010	55,804.000	Sft
1810	Curb Sloped, HMA	8050010	15,641.000	Ft
1820	Shared use Path, HMA	8060040	1,063.000	Ton
1830	Guardrail, Type B	8070000	1,951.000	Ft
1840	Guardrail, Type T	8070002	63.000	Ft
1850	Guardrail, Type B, Temp	8070005	200.000	Ft
1860	Guardrail, Curved, Type T	8070011	38.000	Ft
1870	Guardrail Approach Terminal, Type 1B	8070040	6.000	Ea
1880	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
1890	Guardrail Approach Terminal, Type 1B, Temp	8070045	1.000	Ea
1900	Guardrail Departing Terminal, Type B	8070050	6.000	Ea
1910	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
1920	Guardrail Post, Culv	8070070	47.000	Ea
1930	Guardrail, Salv	8070075	375.000	Ft
1940	Guardrail Reflector	8070080	66.000	Ea
1950	Post, Mailbox	8070095	32.000	Ea
1960	Guardrail, Reconst, Type T	8070109	375.000	Ft
1970	Guardrail Anch Bridge, Det T2, Modified	8070122	2.000	Ea
1980	_ Timber Rub Rail	8077001	435.000	Ft

1990	Fence, Chain Link, 48 inch	8080011	264.000	Ft
2000	_ Fence, Chain Link with Wire Rope,72 inch, Vinyl Coated	8087001	2,757.000	Ft
2010	_ Fence Gate, 12 foot, for 72 inch ChainLink Fence with Wire Rope, Vinyl Coated	8087050	3.000	Ea
2020	_ Field Office, CI 2, Relocate	8097043	21.000	Mo
2030	_ Field Office, Utility Fees, Modified	8097060	6,300.000	Dlr
2040	Delineator Reflector	8100130	120.000	Ea
2050	Fdn, Wood Support, Rem	8100280	27.000	Ea
2060	Installing MDOT Supplied Sign, Type III	8100302	10.000	Ea
2070	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
2080	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	4.000	Ea
2090	Post, Delineator	8100350	13.000	Ea
2100	Post, Steel, 3 lb	8100371	16,336.000	Ft
2110	Post, Wood, 4 inch by 6 inch	8100380	540.000	Ft
2120	Post, Wood, 6 inch by 8 inch	8100382	602.000	Ft
2130	Sign, Type I, Rem	8100391	8.000	Ea
2140	Sign, Type IA	8100392	42.000	Sft
2150	Sign, Type II, Erect, Salv	8100396	12.000	Ea
2160	Sign, Type II, Rem	8100397	110.000	Ea
2170	Sign, Type IIA	8100398	937.000	Sft
2180	Sign, Type IIB	8100399	393.000	Sft
2190	Sign, Type III, Erect, Salv	8100402	17.000	Ea
2200	Sign, Type III, Rem	8100403	640.000	Ea
2210	Sign, Type IIIA	8100404	1,981.000	Sft
2220	Sign, Type IIIB	8100405	3,820.000	Sft
2230	Mast Arm Pole, Cat I	8100510	93.000	Ea
2240	Mast Arm, 30 foot, Cat I	8100522	7.000	Ea
2250	Mast Arm, 35 foot, Cat I	8100523	17.000	Ea
2260	Mast Arm, 40 foot, Cat I	8100524	22.000	Ea
2270	Mast Arm, 45 foot, Cat I	8100525	50.000	Ea
2280	Mast Arm, 50 foot, Cat I	8100526	26.000	Ea
2290	Mast Arm Pole Fdn, 6 Bolt	8100550	1,419.000	Ft
2300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	110.000	Ft
2310	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
2320	Pavt Mrkg, Polyurea, 4 inch, White	8110091	67,261.000	Ft
2330	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,377.000	Ft
2340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	7,541.000	Ft
2350	Pavt Mrkg, Polyurea, 6 inch, White	8110094	25,019.000	Ft
2360	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	17,755.000	Ft
2370	Pavt Mrkg, Polyurea, 8 inch, White	8110096	5,463.000	Ft
2380	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	878.000	Ft
2390	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	558.000	Ft
2400	Pavt Mrkg, Polyurea, 12 inch, White	8110111	2,052.000	Ft
2410	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	3,854.000	Ft

2420	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	883.000	Ft
2430	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	630.000	Ft
2440	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	310.000	Ft
2450	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	80.000	Ft
2460	Rem Curing Compound, for Spec Mrkg	8110321	32.000	Sft
2470	Rem Spec Mrkg	8110343	5,425.000	Sft
2480	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
2490	Recessing Pavement Markings, Longit	8110450	102,139.000	Ft
2500	Recessing Pavement Markings, Transv	8110451	17,161.000	Sft
2510	Recessing Pavt Mrkg, Turning Guide Line	8110452	386.000	Sft
2520	_ Pavt Mrkg, Preformed Thermoplastic, LtTurn Arrow Sym	8117050	131.000	Ea
2530	_ Pavt Mrkg, Preformed Thermoplastic, Only	8117050	4.000	Ea
2540	_ Pavt Mrkg, Preformed Thermoplastic, RtTurn Arrow Sym	8117050	105.000	Ea
2550	_ Pavt Mrkg, Preformed Thermoplastic, Thruand Lt Turn Arrow Sym	8117050	15.000	Ea
2560	_ Pavt Mrkg, Preformed Thermoplastic, Thruand Rt Turn Arrow Sym	8117050	3.000	Ea
2570	_ Pavt Mrkg, Preformed Thermoplastic, ThruArrow Sym	8117050	2.000	Ea
2580	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	223.000	Ea
2590	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	223.000	Ea
2600	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
2610	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
2620	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	10.000	Ea
2630	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	10.000	Ea
2640	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
2650	Conc Barrier Reflector Replacement	8120070	250.000	Ea
2660	Conc Barrier, Temp, Furn	8120081	6,600.000	Ft
2670	Conc Barrier, Temp, Oper	8120082	6,600.000	Ft
2680	Conc Barrier, Temp, Relocated	8120083	3,200.000	Ft
2690	High Intensity Light, Type B, Furn	8120110	10.000	Ea
2700	High Intensity Light, Type B, Oper	8120111	10.000	Ea
2710	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
2720	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
2730	Ltg for Night Work	8120160	1.000	LSUM
2740	Minor Traf Devices	8120170	1.000	LSUM
2750	Mobile Attenuator	8120180	6.000	Ea
2760	Part Width Intersection Construction	8120190	8.000	Ea
2770	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	35,294.000	Ft
2780	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,551.000	Ft
2790	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	13,247.000	Ft
2800	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	1,420.000	Ft

2810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	204,571.000	Ft
2820	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	79,940.000	Ft
2830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	233,480.000	Ft
2840	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	107,851.000	Ft
2850	Plastic Drum, High Intensity, Furn	8120250	2,331.000	Ea
2860	Plastic Drum, High Intensity, Oper	8120251	2,331.000	Ea
2870	Sign Cover	8120310	270.000	Ea
2880	Sign Cover, Type 1	8120320	1.000	Ea
2890	Sign, Type A, Temp, Prismatic, Furn	8120340	1,250.000	Sft
2900	Sign, Type A, Temp, Prismatic, Oper	8120341	1,250.000	Sft
2910	Sign, Type B, Temp, Prismatic, Furn	8120350	12,150.000	Sft
2920	Sign, Type B, Temp, Prismatic, Oper	8120351	12,150.000	Sft
2930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	7,034.000	Sft
2940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	7,034.000	Sft
2950	Traf Regulator Control	8120370	1.000	LSUM
2960	_ Pavt Mrkg, Type R, Tape, 12 inch, CrossHatching, White	8127001	120.000	Ft
2970	_ Lane Separator System	8127001	350.000	Ft
2980	_ Pavt Mrkg, Type NR, Paint, 24 inch, StopBar	8127001	5,340.000	Ft
2990	_ Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8127001	6,260.000	Ft
3000	_ Pavt Mrkg, Type R, Tape, 24 inch, StopBar	8127001	1,231.000	Ft
3010	_ Pedestrian Type II Channelizer, Temp	8127001	2,000.000	Ft
3020	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	12.000	Ea
3030	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	12.000	Ea
3040	_ Delineator, Flexible, Temp, Furn	8127050	291.000	Ea
3050	_ Delineator, Flexible, Temp, Oper	8127050	291.000	Ea
3060	_ Driveway Maintenance	8127050	126.000	Ea
3070	_ Intersection Maintenance	8127050	37.000	Ea
3080	_ Pavt Mrkg, Type NR, Paint, Lt Turn ArrowSym	8127050	99.000	Ea
3090	_ Pavt Mrkg, Type NR, Paint, Thru and LtTurn Arrow Sym	8127050	15.000	Ea
3100	_ Pavt Mrkg, Type NR, Paint, Thru ArrowSym	8127050	1.000	Ea
3110	_ Pavt Mrkg, Type R, Tape, Lt Turn ArrowSym	8127050	95.000	Ea
3120	_ Pavt Mrkg, Type R, Tape, Rt Turn ArrowSym	8127050	35.000	Ea
3130	_ Pedestrian Type II Barricade, Temp	8127050	55.000	Ea
3140	_ Water Filled Base Sign System, Temp, Furn	8127050	25.000	Ea
3150	_ Water Filled Base Sign System, Temp, Oper	8127050	25.000	Ea
3160	Riprap, Plain	8130010	61.000	Syd
3170	Riprap, Plain, LM	8130012	88.000	Cyd
3180	Site Preparation, Max \$141,540.00	8150001	1.000	LSUM
3190	Watering and Cultivating, First Season, Min \$80,210.00	8150002	1.000	LSUM

3200	Watering and Cultivating, Second Season, Min \$99,080.00	8150003	1.000	LSUM
3210	Acer ginnala, 1 1/2 inch	8150059	15.000	Ea
3220	Acer x freemanii 'Autumn Blaze', 2 inch	8150222	21.000	Ea
3230	Celtis occidentalis, 2 inch	8150780	6.000	Ea
3240	Gleditsia triacanthos inermis 'Skyline', 2 inch	8151660	13.000	Ea
3250	Helictotorichon sempervirens 'Sapphire', #1 cont.	8151740	232.000	Ea
3260	Malus 'Prairie Fire', 1 1/2 inch	8152313	18.000	Ea
3270	Nepeta x faassenii 'Walkers Low', #1 cont.	8152496	272.000	Ea
3280	Picea abies, 4 foot	8152740	15.000	Ea
3290	Picea glauca 'Densata', 8 foot	8152756	103.000	Ea
3300	Picea omorika, 5 foot	8152787	18.000	Ea
3310	Picea pungens, 4 foot	8152800	11.000	Ea
3320	Pinus heldreichii, 5 foot	8152815	11.000	Ea
3330	Pyrus calleryana 'Cleveland Select', 1 3/4 inch	8153014	20.000	Ea
3340	Quercus bicolor, 2 inch	8153044	18.000	Ea
3350	Quercus shumardii, 2 inch	8153141	15.000	Ea
3360	Syringa reticulata 'Ivory Silk', 1 3/4 inch	8153717	15.000	Ea
3370	Taxodium distichum, 2 inch	8153746	16.000	Ea
3380	Tilia americana 'Redmond', 2 inch	8153840	19.000	Ea
3390	Zelkova serrata 'Green Vase', 2 inch	8154216	18.000	Ea
3400	_ Crataegus crusgalli inermis 'Cruzam', 1 1/2 inch	8157050	17.000	Ea
3410	_ Diervilla 'Kodiak Orange', #2 cont.	8157050	466.000	Ea
3420	_ Hemerocallis 'Going Bananas', #1 cont.	8157050	1,682.000	Ea
3430	_ Rosa x 'Radrazz', #2 cont.	8157050	143.000	Ea
3440	_ Tilia cordata 'Olympic', 2 inch	8157050	11.000	Ea
3450	_ Ulmus americana 'Princeton', 2 inch	8157050	13.000	Ea
3460	_ Acer rubrum 'Armstong', 2 inch	8157050	21.000	Ea
3470	_ Acer rubrum 'Armstong', 3 inch	8157050	42.000	Ea
3480	_ Acer x freemanii 'Marmo', 2 inch	8157050	17.000	Ea
3490	_ Acer x freemanii 'Marmo', 3 inch	8157050	19.000	Ea
3500	_ Ginkgo biloba 'Autumn Gold', 2 inch	8157050	25.000	Ea
3510	_ Ginkgo biloba 'Autumn Gold', 3 inch	8157050	39.000	Ea
3520	_ Juniperus 'Hetz Columnaris', 8 foot	8157050	97.000	Ea
3530	_ Malus 'Pink Spires', 1.75 inch	8157050	24.000	Ea
3540	_ Malus 'Pink Spires', 3 inch	8157050	95.000	Ea
3550	_ Quercus x warei 'Regal Prince', 2 inch	8157050	21.000	Ea
3560	_ Quercus x warei 'Regal Prince', 3 inch	8157050	58.000	Ea
3570	_ Hemerocallis 'Rocket City', #1 cont.	8157050	4,872.000	Ea
3580	_ Perovskia atriplicifolia Little Spire', #2 cont.	8157050	3,648.000	Ea
3590	_ Tilia americana 'Redmond', 3 inch	8157050	36.000	Ea
3600	_ Gleditsia triacanthos inermis 'Skyline', 3 inch	8157050	44.000	Ea
3610	Mulch Blanket	8160027	121,153.000	Syd
3620	Sodding	8160055	250.000	Syd
3630	_ Turf Establishment, Performance	8167011	390,693.000	Syd

3640	Mowing	8170000	1,800.000	Acre
3650	Cable Pole, Sec, Disman	8190006	7.000	Ea
3660	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
3670	Cable Pole, TS, Disman	8190010	3.000	Ea
3680	Conduit, DB, 1, 1 1/2 inch	8190027	4,128.000	Ft
3690	Conduit, DB, 1, 3 inch	8190029	10,441.000	Ft
3700	Conduit, DB, 3, 3 inch	8190035	3,506.000	Ft
3710	Conduit, DB, 4, 3 inch	8190038	97.000	Ft
3720	Conduit, Rem	8190140	13,391.000	Ft
3730	Conduit, Schedule 80 PVC, 3 inch	8190159	42,058.000	Ft
3740	Hh, Rem	8190254	104.000	Ea
3750	Hh, Round, 3 foot Dia.	8190259	48.000	Ea
3760	Hh, Round	8190260	228.000	Ea
3770	Cable, Sec, 600V, 1, 3/C#6	8190399	26,857.000	Ft
3780	Wood Pole, Cl 4, 45 foot	8190474	43.000	Ea
3790	Wood Pole, Fit Up, Sec Serv Pole	8190496	8.000	Ea
3800	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	5.000	Ea
3810	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
3820	Wood Pole, Rem	8190505	148.000	Ea
3830	Conduit, Directional Bore, 1, 3 inch	8190602	532.000	Ft
3840	Conduit, Directional Bore, 3, 3 inch	8190606	5,482.000	Ft
3850	_ Control Cabinet	8197050	3.000	Ea
3860	_ Wood Pole, Cl 4, 45 foot, MDOT Furn	8197050	103.000	Ea
3870	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	5.000	Ea
3880	Case Sign, Rem	8200020	187.000	Ea
3890	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	259.000	Ea
3900	Controller and Cabinet, Rem	8200030	57.000	Ea
3910	Controller and Cabinet, Digital Type	8200031	52.000	Ea
3920	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	1.000	Ea
3930	Controller Fdn, Base Mount	8200045	7.000	Ea
3940	Controller Fdn, Rem	8200046	8.000	Ea
3950	Global Positioning System Module, Rem	8200053	1.000	Ea
3960	Fdn, Rem	8200065	68.000	Ea
3970	Pedestal, Alum	8200100	86.000	Ea
3980	Pedestal, Fdn	8200105	103.000	Ea
3990	Pedestal Fdn, Rem	8200106	25.000	Ea
4000	Pedestal, Rem	8200110	25.000	Ea
4010	Pedestal, Underground Serv, Unmetered	8200112	17.000	Ea
4020	Power Co. (Est. Cost to Contractor)	8200116	6,000.000	Dlr
4030	Pushbutton and Sign	8200121	52.000	Ea
4040	Serv Disconnect	8200135	109.000	Ea
4050	Serv Disconnect, Rem	8200136	31.000	Ea
4060	Span Wire	8200140	95.000	Ea
4070	Span Wire, Rem	8200141	130.000	Ea

4080	Steel Pole, Rem	8200145	68.000	Ea
4090	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
4100	TS, Bracket Arm Mtd, Rem	8200175	43.000	Ea
4110	TS, Pedestal Mtd, Rem	8200179	9.000	Ea
4120	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	49.000	Ea
4130	TS, Pedestrian, Pedestal Mtd, Rem	8200181	16.000	Ea
4140	TS, Span Wire Mtd, Rem	8200182	344.000	Ea
4150	Cabinet, Rem	8200184	3.000	Ea
4160	TS, One Way Span Wire Mtd (LED)	8200313	251.000	Ea
4170	TS, One Way Bracket Arm Mtd (LED)	8200333	52.000	Ea
4180	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	31.000	Ea
4190	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	16.000	Ea
4200	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	83.000	Ea
4210	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
4220	TS, One Way Mast Arm Mtd (LED)	8200359	252.000	Ea
4230	TS, Antenna	8200367	34.000	Ea
4240	TS, Antenna, Rem	8200368	32.000	Ea
4250	TS, Antenna, Salv	8200369	31.000	Ea
4260	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
4270	Bracket, Truss, Salv	8200385	3.000	Ea
4280	Bracket, Truss, Rem	8200388	8.000	Ea
4290	Wireless Intercn, Closed Loop, Salv	8200389	31.000	Ea
4300	Wireless Intercn, Closed Loop, Master	8200393	9.000	Ea
4310	Wireless Intercn, Closed Loop, Repeater	8200394	24.000	Ea
4320	Video Traf Detection System, Salv	8200441	6.000	Ea
4330	Video Traf Detection Camera, Salv	8200442	2.000	Ea
4340	TS, Bag	8200450	362.000	Ea
4350	TS, Bag, Rem	8200451	230.000	Ea
4360	TS Head, Adj	8200452	332.000	Ea
4370	Junction Box, Rem	8200457	5.000	Ea
4380	Casing	8200480	651.000	Ft
4390	Backplate, TS	8200501	277.000	Ea
4400	_ CCTV Camera, Rem and Salv	8207050	7.000	Ea
4410	_ Closed-Circuit Television Camera,Install Salv	8207050	7.000	Ea
4420	_ Controller and Cabinet, Digital Type,MDOT Furnished	8207050	5.000	Ea
4430	_ TS, One Way Mast Arm Mtd, Five Sect(LED)	8207050	1.000	Ea
4440	_ Coating Galvanized Support Structures	8207050	215.000	Ea
4450	_ Pedestal Painting	8207050	85.000	Ea
4460	_ St Name Sign, Two Way, (LED), 6 foot	8207050	43.000	Ea
4470	_ St Name Sign, Two Way, (LED), 8 foot	8207050	9.000	Ea
4480	Monument Box	8210001	20.000	Ea
4490	Monument Preservation	8210010	20.000	Ea

4500	Protect Corners	8210020	57.000	Ea
4510	Hydrant, Relocate, Case 1	8230095	6.000	Ea
4520	Hydrant, Relocate, Case 2	8230096	5.000	Ea
4530	Water Serv, Conflict	8230250	12.000	Ea
4540	Water Shutoff, Adj, Case 1	8230421	23.000	Ea
4550	Water Shutoff, Adj, Case 2	8230422	8.000	Ea
4560	Gate Box, Adj, Case 1	8230431	8.000	Ea
4570	Gate Box, Adj, Case 2	8230432	13.000	Ea
4580	_ Water Main Conflict, 12 inch	8237050	5.000	Ea
4590	_ Fire Hydrant, Special	8237050	5.000	Ea
4600	Fiber Optic, Marker, Above Ground	8260069	43.000	Ea
4610	Managed Field Ethernet Switch, Layer 2	8260080	25.000	Ea
4620	Managed Field Ethernet Switch, Rem and Salv	8260084	1.000	Ea
4630	Managed Field Ethernet Switch, Install Salv	8260085	1.000	Ea
4640	Flowable Fill, Non-Structural	8260148	87.000	Cyd

Section: 2

4650	Underdrain, Fdn, 4 inch	4040031	770.000	Ft
4660	HMA Patch, Rem	5010006	10.000	Syd
4670	Bridge Ltg, Furn and Rem (S06 of 50011)	7060001	1.000	LSUM
4680	Bridge Ltg, Furn and Rem (S07 of 50011)	7060001	1.000	LSUM
4690	Bridge Ltg, Oper and Maintain	7060002	216.000	Cyd
4700	Conc, Grade D	7060010	13.000	Cyd
4710	Expansion Joint Device	7060050	488.000	Ft
4720	Expansion Joint Device, Cover Plate	7060051	8.000	Ft
4730	Reinforcement, Steel, Epoxy Coated	7060092	48,722.000	Lb
4740	Superstructure Conc, Form, Finish, and Cure (S06 of 50011)	7060111	1.000	LSUM
4750	Superstructure Conc, Form, Finish, and Cure (S07 of 50011)	7060111	1.000	LSUM
4760	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06 of 50011)	7060112	1.000	LSUM
4770	Superstructure Conc, Form, Finish, and Cure, Night Casting (S07 of 50011)	7060112	1.000	LSUM
4780	Superstructure Conc, High Performance	7060116	67.000	Cyd
4790	Superstructure Conc, Night Casting, High Performance	7060117	216.000	Cyd
4800	Conc Surface Coating, Warranty (S06 of 50011)	7100009	1.000	LSUM
4810	Conc Surface Coating, Warranty (S07 of 50011)	7100009	1.000	LSUM
4820	Hand Chipping, Shallow	7120003	13.000	Syd
4830	Hand Chipping, Deep	7120004	4.000	Syd
4840	Hand Chipping, Other Than Deck	7120007	77.000	Cft
4850	Patch, Forming	7120017	123.000	Sft
4860	Epoxy Ovly	7120020	3,927.000	Syd
4870	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	351.000	Ea
4880	Deck Joint, Rem	7120071	165.000	Ft
4890	Patching Conc, C-L	7120112	5.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 1702 003

Letting Date: February 3, 2017

Contract ID: 11141-131453

Description: 0.22 mi of hot mix asphalt surfacing, precast concrete box, culvert bedding, sewer and structure backfill on Territorial Road from North Branch Road to Millburg Drive, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131453A	STP 1711(005)	RT0562	STL 11141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,800.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	25.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	25.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Dr Structure, Rem	2030011	6.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	375.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	700.000	Ft
0090	Curb and Gutter, Rem	2040020	2,060.000	Ft
0100	Fence, Rem	2040025	60.000	Ft
0110	_ Pavt Rem, Mod.	2047011	1,100.000	Syd
0120	Embankment, CIP	2050010	4,000.000	Cyd
0130	Excavation, Earth	2050016	4,500.000	Cyd
0140	Backfill, Structure, CIP	2060002	6,500.000	Cyd
0150	Excavation, Fdn	2060010	1,000.000	Cyd
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0180	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0190	Subbase, CIP	3010002	1,600.000	Cyd
0200	_ Aggregate Base, Mod.	3027011	4,350.000	Syd
0210	Approach, CI II	3070021	20.000	Ton
0220	Shoulder, CI II	3070121	20.000	Ton
0230	_ Trenching, Mod.	3077002	21.000	Sta
0240	Geotextile, Separator	3080005	499.000	Syd
0250	Culv End Sect, 12 inch	4010012	1.000	Ea
0260	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0270	Sewer, CI B, 12 inch, Tr Det B	4020183	50.000	Ft
0280	Sewer, CI E, 12 inch, Tr Det B	4020600	230.000	Ft

0290	Sewer, CI E, 15 inch, Tr Det B	4020601	271.000	Ft
0300	Sewer, CI E, 18 inch, Tr Det B	4020602	62.000	Ft
0310	Sewer, CI E, 24 inch, Tr Det B	4020603	1,140.000	Ft
0320	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0330	Video Taping Sewer and Culv Pipe	4021275	1,753.000	Ft
0340	_ 24" dia H.D.P.E. Storm Sewer	4027001	140.000	Ft
0350	Dr Structure Cover, Type B	4030010	2.000	Ea
0360	Dr Structure Cover, Type G	4030040	1.000	Ea
0370	Dr Structure Cover, Type K	4030050	13.000	Ea
0380	Dr Structure, 24 inch dia	4030200	5.000	Ea
0390	Dr Structure, 48 inch dia	4030210	13.000	Ea
0400	Dr Structure, 60 inch dia	4030220	2.000	Ea
0410	_ Dr Structure Cover, Type K, Mod.	4037050	4.000	Ea
0420	Underdrain, Subbase, 6 inch	4040063	1,800.000	Ft
0430	Culv Bedding, Box Culv	4060005	1,500.000	Cyd
0440	Culv, Precast Conc Box, 12 foot by 7 foot	4060148	115.000	Ft
0450	Pavt, Cleaning	5010001	1.000	LSUM
0460	HMA Surface, Rem	5010005	3,000.000	Syd
0470	Hand Patching	5010025	50.000	Ton
0480	HMA, 4E1	5010050	915.000	Ton
0490	HMA, 5E1	5010056	520.000	Ton
0500	HMA Approach	5010061	125.000	Ton
0510	_ Pavt For Butt Joints, Rem, Mod.	5017011	150.000	Syd
0520	Cofferdams	7040007	1.000	LSUM
0530	_ Outlet headwall With Baffle, 24 inch	7067050	2.000	Ea
0540	Curb and Gutter, Conc, Det C4	8020023	2,593.000	Ft
0550	Driveway Opening, Conc, Det M	8020050	118.000	Ft
0560	_ HMA WEDGE CURB	8057001	35.000	Ft
0570	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0580	Guardrail Reflector	8070080	10.000	Ea
0590	Post, Mailbox	8070095	6.000	Ea
0600	_ Guardrail, Type B-8 Foot Post	8077001	480.000	Ft
0610	Fence, Protective	8080007	100.000	Ft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	318.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	318.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Riprap, Plain	8130010	150.000	Syd
0690	Slope Restoration, Type B	8160101	2,500.000	Syd
0700	Slope Restoration, Type C	8160102	2,200.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1702 004

Letting Date: February 3, 2017

Contract ID: 81161-126686

Description: Epoxy overlay, deck patching, railing replacement, expansion joint replacement, cleaning and coating of steel beam ends, placement of riprap and approach work on Huron River Drive over Pittsfield-Ann Arbor Drain, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126686A	N/A	N/A	MCS 81161
126687A	N/A	N/A	MCS 81161

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Guardrail, Rem	2040035	1,438.000	Ft
0050	Embankment, CIP	2050010	3.000	Cyd
0060	Excavation, Earth	2050016	28.000	Cyd
0070	_ Sewer Cleanout	2057001	30.000	Ft
0080	_ Aggregate Base, 6 inch, Modified	3027011	160.000	Syd
0090	Dr Structure, Cleaning	4030290	6.000	Ea
0100	HMA Surface, Rem	5010005	160.000	Syd
0110	HMA, LVSP	5010703	67.000	Ton
0120	Drain Casting Assembly	7170010	12.000	Ea
0130	Guardrail, Type B	8070000	775.000	Ft
0140	Guardrail, Curved, Type B	8070010	100.000	Ft
0150	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0160	Guardrail Anch, Bridge, Det T5	8070026	3.000	Ea
0170	Guardrail Approach Terminal, Type 2B	8070042	7.000	Ea
0180	_ Guardrail Anch, Bridge, Det T5, Modified	8077050	1.000	Ea
0190	Post, Steel, 3 lb	8100371	282.000	Ft
0200	Sign, Type II, Rem	8100397	1.000	Ea
0210	Sign, Type IIB	8100399	7.000	Sft
0220	Sign, Type III, Rem	8100403	12.000	Ea
0230	Sign, Type IIIA	8100404	11.000	Sft
0240	Sign, Type IIIB	8100405	77.000	Sft
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,004.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,789.000	Ft

0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,004.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,789.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0310	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0320	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Mobile Attenuator	8120180	1.000	Ea
0350	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,793.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	8,100.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,850.000	Ft
0380	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0400	Sign, Portable, Changeable Message, Furn	8120330	7.000	Ea
0410	Sign, Portable, Changeable Message, Oper	8120331	7.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	1,112.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	1,112.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	279.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	279.000	Sft
0460	_ Turf Establishment, Performance	8167011	840.000	Syd
0470	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0480	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0490	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0500	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0510	Erosion Control, Silt Fence	2080036	400.000	Ft
0520	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft
0530	Conc, Grade D	7060010	10.000	Cyd
0540	Expansion Joint Device	7060050	175.000	Ft
0550	Expansion Joint Device, Cover Plate	7060051	26.000	Ft
0560	False Decking	7060060	6,500.000	Sft
0570	Reinforcement, Steel, Epoxy Coated	7060092	4,681.000	Lb
0580	Conc Surface Coating (SN: 10975)	7100010	1.000	LSUM
0590	_ Texturing Conc, Type 1	7107011	15.000	Syd
0600	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0610	_ Bridge Railing, Aesthetic Parapet Tube, Det 2, Modified	7117001	109.000	Ft
0620	Hand Chipping, Shallow	7120003	150.000	Syd
0630	Hand Chipping, Deep	7120004	180.000	Syd
0640	Patch, Full Depth	7120010	65.000	Cyd
0650	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	304.000	Ea

0660	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	104.000	Ea
0670	Structures, Rehabilitation, Rem Portions (SN: 11006)	7120070	1.000	LSUM
0680	Structures, Rehabilitation, Rem Portions (SN: 10975)	7120070	1.000	LSUM
0690	Deck Joint, Rem	7120071	170.000	Ft
0700	Patching Conc, C-L	7120112	35.000	Cyd
0710	Embedded Galvanic Anode	7120120	229.000	Ea
0720	_ Epoxy Overlay	7127011	1,225.000	Syd
0730	_ Bridge Cleaning (SN: 10975)	7127051	1.000	LSUM
0740	Beam Plate, Seal Perimeter	7130010	320.000	Ft
0750	Steel Structure, Cleaning, Partial, Type 4 (SN: 11006)	7150047	1.000	LSUM
0760	Steel Structure, Cleaning, Partial, Type 4 (SN: 10975)	7150047	1.000	LSUM
0770	Steel Structure, Coating, Partial, Type 4 (SN: 11006)	7150048	1.000	LSUM
0780	Steel Structure, Coating, Partial, Type 4 (SN: 10975)	7150048	1.000	LSUM
0790	_ Clean and Coat Steel Bearings	7157050	12.000	Ea
0800	_ Riprap, Fieldstone	8137031	100.000	Ton
0810	_ Riprap, Fieldstone, Under Structures	8137031	50.000	Ton
0820	_ Asbestos Materials, Rem and Disposal	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 005

Letting Date: February 3, 2017

Contract ID: 81609-130968

Description: 0.78 mi of centerline rumble strips, tree removal, replacement of concrete box culvert, hot mix asphalt surfacing and guardrail on Geddes Road from Leforge Road to Prospect Road, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130968A	HSIP 1781(005)	KK4226	HSIP 81609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Guardrail, Rem	2040035	111.000	Ft
0040	Pavt, Rem	2040050	960.000	Syd
0050	Structures, Rem	2040060	1.000	LSUM
0060	Embankment, CIP	2050010	370.000	Cyd
0070	Excavation, Earth	2050016	220.000	Cyd
0080	Backfill, Structure, CIP	2060002	210.000	Cyd
0090	Excavation, Fdn	2060010	520.000	Cyd
0100	Erosion Control, Silt Fence	2080036	770.000	Ft
0110	_ Aggregate Base, Modified	3027031	1,988.000	Ton
0120	_ Shoulder, CI II, 6 inch, Modified	3077011	150.000	Syd
0130	Culv Bedding, Box Culv	4060005	75.000	Cyd
0140	Culv, Precast Conc Box, 12 foot by 5 foot	4060146	52.000	Ft
0150	Cold Milling HMA Surface	5010002	555.000	Syd
0160	Hand Patching	5010025	65.000	Ton
0170	HMA, 3C	5010031	150.000	Ton
0180	HMA, LVSP	5010703	290.000	Ton
0190	Guardrail, Type B	8070000	200.000	Ft
0200	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0210	Guardrail Post, Culv	8070070	8.000	Ea
0220	Guardrail Reflector	8070080	12.000	Ea
0230	Sign, Type III, Rem	8100403	4.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,530.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,670.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	7,530.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,670.000	Ft

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0300	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0310	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, High Intensity, Lighted, Furn	8120260	6.000	Ea
0340	Plastic Drum, High Intensity, Lighted, Oper	8120261	6.000	Ea
0350	Sign Cover	8120310	31.000	Ea
0360	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0370	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	333.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	333.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	144.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	144.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Riprap, Plain, Modified	8137011	55.000	Syd
0440	_ Turf Establishment, Performance	8167011	845.000	Syd
0450	Centerline Corrugations, Milled, HMA	8220013	3,160.000	Ft
0460	Contractor Staking	8240001	1.000	LSUM
0470	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0480	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0490	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 006

Letting Date: February 3, 2017

Contract ID: 39609-130919

Description: Installation of advance dilemma zone cameras, signal upgrades, camera installation and overhead fiber optic on Sprinkle Road at various intersections, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130919A	HSIP 1739(006)	KK4223	HSIP 39609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$64,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	25.000	Syd
0030	Exploratory Investigation, Vertical	2040080	20.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0050	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Subbase, CIP	3010002	17.000	Cyd
0070	Aggregate Base, 8 inch	3020020	25.000	Syd
0080	Cold Milling HMA Surface	5010002	98.000	Syd
0090	Hand Patching	5010025	8.000	Ton
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, High Intensity, Lighted, Furn	8120260	300.000	Ea
0160	Plastic Drum, High Intensity, Lighted, Oper	8120261	300.000	Ea
0170	Sign Cover	8120310	20.000	Ea
0180	Sign, Type A, Temp, Prismatic, Furn	8120340	150.000	Sft
0190	Sign, Type A, Temp, Prismatic, Oper	8120341	150.000	Sft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Type A	8160100	120.000	Syd
0240	Cable Pole, Sec, Dismant	8190006	2.000	Ea
0250	Conduit, DB, 1, 1 1/4 inch	8190026	770.000	Ft
0260	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
0270	Conduit, Schedule 40, 1 inch	8190145	820.000	Ft

0280	Hh, Rem	8190254	1.000	Ea
0290	Hh, Round, 3 foot Dia.	8190259	14.000	Ea
0300	Hh, Round	8190260	3.000	Ea
0310	Cable, P.J., 600V, 1, 12/C#14	8190382	3,010.000	Ft
0320	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
0330	Wood Pole, Fit Up, Commun Cable Pole	8190486	7.000	Ea
0340	Wood Pole, Fit Up, Sec Cable Pole	8190495	3.000	Ea
0350	Conduit, Directional Bore, 2, 3 inch	8190604	660.000	Ft
0360	_ Cable, P.J., 600 V, 1, 4/C#12	8197001	220.000	Ft
0370	_ Cable, P.J., 600 V, 1, 7/C#16	8197001	1,040.000	Ft
0380	_ Cable, Shielded, 600 V, 1, 2/C#16	8197001	1,120.000	Ft
0390	_ Conduit, Directional Bore, 1, 1 1/4 inch	8197001	350.000	Ft
0400	Pole Guy	8200002	8.000	Ea
0410	Controller and Cabinet, Rem	8200030	2.000	Ea
0420	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0430	Controller and Cabinet, Salv	8200037	1.000	Ea
0440	Controller Fdn, Base Mount	8200045	2.000	Ea
0450	Controller Fdn, Rem	8200046	1.000	Ea
0460	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
0470	Serv Disconnect	8200135	1.000	Ea
0480	Bracket, Truss, With 6 Foot Arm	8200374	1.000	Ea
0490	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
0500	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
0510	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0520	TS Uninterruptible Power System	8200500	1.000	Ea
0530	_ Controller, Mod 60	8207050	10.000	Ea
0540	_ Modular Video Detection System	8207050	12.000	Ea
0550	_ Universal Camera Bracket and Extension	8207050	9.000	Ea
0560	_ Wireless Inerncn, Ethernet, Access Point	8207050	3.000	Ea
0570	_ Wireless Inerncn, Ethernet, Backhaul	8207050	1.000	Ea
0580	_ Wireless Inerncn, Ethernet, Remote	8207050	2.000	Ea
0590	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	1,733.000	Ft
0600	Fiber Optic, Splice Cabinet	8260064	4.000	Ea
0610	Tracer Wire	8260070	2,100.000	Ft
0620	Fiber Optic, Pigtail	8260071	168.000	Ea
0630	System Integration and Testing	8260160	1.000	LSUM
0640	_ Fiber Optic, Cable, Single Mode Fiber, 24F, Overhead	8267001	16,800.000	Ft
0650	_ Fiber Optic, Splice Enclosure, Rack-Mounted, Small	8267050	4.000	Ea
0660	_ Managed Field Ethernet Switch, Layer 2, NEMA Rack Mount	8267050	6.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 007

Letting Date: February 3, 2017

Contract ID: 27141-130992

Description: 2.96 mi of hot mix asphalt shared-use path, base crushing, shaping and resurfacing, aggregate shoulder and guardrail on Thousand Island Lake Road south of US-2, Gogebic County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130992A	FLH 1627(010)	RT0502	FLAP 27141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,900.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,199.000	Ft
0030	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0040	Aggregate Base, 4 inch	3020010	38,256.000	Syd
0050	HMA Base Crushing and Shaping	3050002	55,645.000	Syd
0060	Material, Surplus and Unsuitable, Rem, LM	3050010	60.000	Cyd
0070	Approach, CI II, 3 inch	3070025	360.000	Syd
0080	Shoulder, CI II, 3 inch	3070125	6,956.000	Syd
0090	Trenching	3070200	311.000	Sta
0100	HMA Approach	5010061	36.000	Ton
0110	HMA, LVSP	5010703	8,034.000	Ton
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	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,252.000	Ft
0160	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	420.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	420.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	_ Slope Restoration, Modified	8167001	15,629.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1702 008

Letting Date: February 3, 2017

Contract ID: 52141-123679

Description: 2.62 mi of hot mix asphalt overlay on County Road 456 from M-35 to east of County Road EDA,
Marquette County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123679A	STP 1752(005)	RT0564	STL 52141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,600.00	1500001	1.000	LSUM
0020	Machine Grading	2050030	277.000	Sta
0030	Project Cleanup	2090001	1.000	LSUM
0040	Approach, CI II	3070021	423.000	Ton
0050	Shoulder, CI II	3070121	2,709.000	Ton
0060	HMA, 5E3	5010057	4,867.000	Ton
0070	HMA Approach	5010061	192.000	Ton
0080	Post, Steel, 2 lb	8100370	1,230.000	Ft
0090	Sign, Type IIIA	8100404	38.000	Sft
0100	Sign, Type IIIB	8100405	240.000	Sft
0110	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	27,700.000	Ft
0120	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	18,762.000	Ft
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,108.000	Ft
0170	Plastic Drum, High Intensity, Furn	8120250	277.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	277.000	Ea
0190	Sign Cover	8120310	5.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 009

Letting Date: February 3, 2017

Contract ID: 82400-131153

Description: Traffic signal modernization and sidewalk ramps on 8 Mile Road at Beaconsfield Road and on the westbound I-94 off ramp and Harper Avenue in the cities of Eastpointe, St Clair Shores and Harper Woods, Macomb and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131153A	CMG 1682(306)	JJ5580	CMG 82400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	64.000	Ft
0030	Sidewalk, Rem	2040055	138.000	Syd
0040	Exploratory Investigation, Vertical	2040080	100.000	Ft
0050	Granular Material, CI II	2050023	10.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0070	Aggregate Base	3020001	20.000	Ton
0080	Maintenance Gravel	3060020	100.000	Ton
0090	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0100	HMA Surface, Rem	5010005	15.000	Syd
0110	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0120	Curb and Gutter, Conc, Det F4	8020038	64.000	Ft
0130	Detectable Warning Surface	8030010	29.000	Ft
0140	Sidewalk Ramp, Conc, 4 inch	8030034	840.000	Sft
0150	_ Sidewalk Ramp, Conc, 8 inch	8037010	385.000	Sft
0160	Fence, Protective	8080007	200.000	Ft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0190	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0260	Sign Cover	8120310	10.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0290	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0300	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0330	Slope Restoration, Type A	8160100	500.000	Syd
0340	Cable Pole, TS and Sec, Dismant	8190009	2.000	Ea
0350	Cable Pole, TS, Dismant	8190010	7.000	Ea
0360	Cable, Sec, Rem	8190017	200.000	Ft
0370	Conduit, DB, 1, 1 1/2 inch	8190027	310.000	Ft
0380	Conduit, DB, 1, 3 inch	8190029	115.000	Ft
0390	Conduit, DB, 3, 3 inch	8190035	110.000	Ft
0400	Conduit, DB, 4, 3 inch	8190038	55.000	Ft
0410	Conduit, Rem	8190140	15.000	Ft
0420	Hh, Rem	8190254	2.000	Ea
0430	Hh, Round, 3 foot Dia.	8190259	3.000	Ea
0440	Hh, Round	8190260	7.000	Ea
0450	Cable, Sec, 600V, 1, 3/C#6	8190399	375.000	Ft
0460	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8190485	2.000	Ea
0470	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
0480	Anchor Guy	8200001	2.000	Ea
0490	Case Sign, Rem	8200020	2.000	Ea
0500	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	6.000	Ea
0510	Controller and Cabinet, Rem	8200030	3.000	Ea
0520	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0530	Controller Fdn, Base Mount	8200045	1.000	Ea
0540	Fdn, Rem	8200065	2.000	Ea
0550	Pedestal, Alum	8200100	7.000	Ea
0560	Pedestal, Fdn	8200105	13.000	Ea
0570	Pedestal Fdn, Rem	8200106	4.000	Ea
0580	Pedestal, Rem	8200110	3.000	Ea
0590	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
0600	Pushbutton and Sign	8200121	18.000	Ea
0610	Pushbutton, Rem	8200122	4.000	Ea
0620	Pushbutton Pedestal, Alum	8200123	6.000	Ea
0630	Serv Disconnect	8200135	3.000	Ea
0640	Span Wire	8200140	17.000	Ea
0650	Span Wire, Rem	8200141	5.000	Ea
0660	Span Wire Tether	8200142	3.000	Ea
0670	Steel Pole, Rem	8200145	2.000	Ea
0680	Guy, Rem	8200167	1.000	Ea
0690	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
0700	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	5.000	Ea
0710	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea

0720	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0730	TS, One Way Span Wire Mtd (LED)	8200313	22.000	Ea
0740	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
0750	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0760	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0770	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0780	Bracket, Truss, With 12 Foot Arm	8200376	5.000	Ea
0790	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0800	Video Traf Detection System	8200380	3.000	Ea
0810	Video Traf Detection Camera	8200381	9.000	Ea
0820	Bracket, Truss, Rem	8200388	2.000	Ea
0830	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea
0840	TS, Bag	8200450	16.000	Ea
0850	TS, Bag, Rem	8200451	16.000	Ea
0860	Junction Box, Span Wire	8200456	11.000	Ea
0870	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
0880	Strain Pole Fdn, 6 Bolt	8200470	78.000	Ft
0890	Casing	8200480	69.000	Ft
0900	Backplate, TS	8200501	22.000	Ea
0910	_ OCA, ATC 2070, ITS	8207050	1.000	Ea
0920	_ OCA, ATC 2070, ITS, Salv	8207050	1.000	Ea
0930	_ OCA, ITS, Cabinet Foundation, 2 Door	8207050	2.000	Ea
0940	_ OCA, ITS, Cabinet Housing 3, Alum	8207050	2.000	Ea
0950	_ OCA, ITS, Input Assembly	8207050	2.000	Ea
0960	_ OCA, MMU, 6 Channel, FYA, IP	8207050	2.000	Ea
0970	_ OCA, Operational Test Certification, Controller	8207050	2.000	Ea
0980	_ OCA, TS 2, Detector Rack, 8 Channel 4 Position	8207050	2.000	Ea
0990	_ Radar Detection, Stop Bar, Rem	8207050	4.000	Ea
1000	_ Switch, Large	8207050	2.000	Ea
1010	_ Switch, Small	8207050	1.000	Ea
1020	_ Video Surveillance, Camera	8207050	1.000	Ea
1030	_ Video Surveillance, Camera, Rem	8207050	1.000	Ea
1040	_ Video Surveillance, Camera, Salv	8207050	1.000	Ea
1050	_ Wireless Interconnect, Dual Radio	8207050	2.000	Ea
1060	_ Wireless Interconnect, Integrated Radio, Rem	8207050	1.000	Ea
1070	_ Wireless Interconnect, Integrated Radio, Salv	8207050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 010

Letting Date: February 3, 2017

Contract ID: 73404-126876

Description: 6.98 mi of scrub seal on Portsmouth Road and Merrill Road, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126876A	STP 1673(245)	RT0534	STL 73404
127895A	STP 1673(248)	RT0536	STL 73141
127896A	STP 1673(244)	RT0532	STL 73141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,900.00	1500001	1.000	LSUM
0020	_ Scrub Seal	5057011	98,277.000	Syd
0030	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0040	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Plastic Drum, High Intensity, Furn	8120250	315.000	Ea
0070	Plastic Drum, High Intensity, Oper	8120251	315.000	Ea
0080	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,225.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	736.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	736.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 1702 011

Letting Date: February 3, 2017

Contract ID: 82457-131056

Description: 0.51 mi of integral concrete pavement reconstruction and widening, hot mix asphalt surfacing, storm sewer, concrete box culvert, guardrail, signing, pavement markings, traffic signal and watermain on Sibley Road from I-275 to east of Wahrman Road, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131056A	TIP 1682(305)	RT0537	TIP 82457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$224,400.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0050	Dr Structure, Rem	2030011	2.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	145.000	Ft
0070	Exploratory Investigation, Vertical	2040080	200.000	Ft
0080	_ Pavt, Rem, Modified	2047011	10,890.000	Syd
0090	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0100	Excavation, Earth	2050016	9,446.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0120	_ Ditching, Modified	2057001	3,035.000	Ft
0130	_ Ditch Cleanout, Modified	2057002	19.000	Sta
0140	_ Embankment, CIP, Modified	2057021	3,127.000	Cyd
0150	_ Misc Granular Embankment, CIP	2057021	2,313.000	Cyd
0160	_ Misc Subgrade Undercutting, Type IV	2057021	200.000	Cyd
0170	_ Subgrade Undercutting, Type I, Modified	2057021	50.000	Cyd
0180	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	67.000	Ft
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0210	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	22.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0230	Erosion Control, Sediment Trap	2080034	5.000	Ea
0240	Erosion Control, Silt Fence	2080036	5,776.000	Ft
0250	_ Misc Erosion Control, Stone Filter at Structure	2087050	1.000	Ea
0260	_ Aggregate Base, 6 inch, Modified	3027011	357.000	Syd
0270	_ Aggregate Base, 9 inch, Modified	3027011	15,672.000	Syd

0280	_ Misc Maintenance Aggregate, 21AA	3027031	250.000	Ton
0290	_ Shoulder, CI I, 6 inch, Modified	3077011	216.000	Syd
0300	Geotextile, Separator	3080005	15,926.000	Syd
0310	Geotextile, Stabilization	3080010	1,040.000	Syd
0320	Culv End Sect, 12 inch	4010012	10.000	Ea
0330	Culv, CI E, 12 inch	4010539	136.000	Ft
0340	Outfall Label	4011115	2.000	Ea
0350	Sewer, CI E, 12 inch, Tr Det B	4020600	1,045.000	Ft
0360	Sewer, CI E, 24 inch, Tr Det B	4020603	1,249.000	Ft
0370	Trench Undercut and Backfill	4021260	140.000	Cyd
0380	_ Misc Mh D, 48 inch dia, Cover A	4037050	6.000	Ea
0390	_ Misc Mh D, 48 inch dia, Cover C	4037050	1.000	Ea
0400	_ Misc Mh D, 48 inch dia, Cover S	4037050	26.000	Ea
0410	_ Misc Mh D, 72 inch dia, Cover A	4037050	1.000	Ea
0420	_ Misc Storm Water Pollution Control Unit, 11.2 cfs	4037050	1.000	Ea
0430	_ Misc Storm Water Pollution Control Unit, 12.6 cfs	4037050	1.000	Ea
0440	Underdrain Outlet, 6 inch	4040093	4.000	Ft
0450	_ Misc Underdrain, Subgrade, Shallow, 6 inch	4047001	4,681.000	Ft
0460	_ Underdrain, Fdn, 6 inch, Modified	4047001	96.000	Ft
0470	Culv, Precast Conc Box, 7 foot by 6 foot	4060112	272.000	Ft
0480	Hand Patching	5010025	20.000	Ton
0490	HMA, 3E10	5010046	410.000	Ton
0500	HMA, 5E10	5010058	187.000	Ton
0510	_ Misc Bit Mixture for Patching, Temp	5017031	250.000	Ton
0520	Joint, Contraction, Cp	6020200	7,482.000	Ft
0530	Joint, Expansion, E2	6020207	349.000	Ft
0540	_ Misc Conc Pavt, Nonreinf, ISC-3, 10 inch	6027011	10,874.000	Syd
0550	Joint, Expansion, Erg	6030021	33.000	Ft
0560	Conc, Grade S2	7060011	64.000	Cyd
0570	Joint Waterproofing	7100001	86.000	Sft
0580	Guardrail, Type B	8070000	250.000	Ft
0590	Guardrail, Backed, Det G2	8070016	1.000	Ea
0600	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0610	Guardrail Reflector	8070080	12.000	Ea
0620	Post, Mailbox	8070095	10.000	Ea
0630	Fence, Protective	8080007	200.000	Ft
0640	_ Misc Field Office	8097043	8.000	Mo
0650	Post, Wood, 6 inch by 8 inch	8100382	64.000	Ft
0660	Sign, Type IIIB, Modified	8100414	60.000	Sft
0670	Mast Arm Pole, Cat I	8100510	2.000	Ea
0680	Mast Arm, 25 foot, Cat I	8100521	2.000	Ea
0690	Mast Arm, 45 foot, Cat I	8100525	1.000	Ea
0700	Mast Arm Pole Fdn, 6 Bolt	8100550	30.000	Ft
0710	_ Misc Sign, Type B, Perm	8107010	191.000	Sft
0720	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching,	8110039	500.000	Ft

	White			
0730	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	110.000	Ft
0740	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0750	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0760	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0770	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0780	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,500.000	Ft
0790	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,800.000	Ft
0800	Rem Spec Mrkg	8110343	144.000	Sft
0810	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	48.000	Ea
0820	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	48.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,850.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,600.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,410.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,030.000	Ft
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,970.000	Ft
0910	Plastic Drum, High Intensity, Furn	8120250	110.000	Ea
0920	Plastic Drum, High Intensity, Oper	8120251	110.000	Ea
0930	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0940	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0950	Sign, Type B, Temp, Prismatic, Furn	8120350	1,090.000	Sft
0960	Sign, Type B, Temp, Prismatic, Oper	8120351	1,090.000	Sft
0970	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	610.000	Sft
0980	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	610.000	Sft
0990	_ Riprap, Heavy, Modified	8137011	35.000	Syd
1000	Mulch Blanket, High Velocity	8160028	7,008.000	Syd
1010	Slope Restoration, Type B	8160101	22,067.000	Syd
1020	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
1030	Conduit, DB, 2, 3 inch	8190032	130.000	Ft
1040	Conduit, DB, 2, 4 inch	8190033	20.000	Ft
1050	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
1060	Hh, Round	8190260	2.000	Ea
1070	Cable, Sec, 600V, 1, 3/C#6	8190399	60.000	Ft
1080	Wood Pole, Fit Up, Sec Serv Pole	8190496	1.000	Ea
1090	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
1100	Controller Fdn, Base Mount	8200045	1.000	Ea
1110	Global Positioning System Module	8200050	1.000	Ea
1120	Power Co. (Est. Cost to Contractor)	8200116	4,000.000	Dlr

1130	Serv Disconnect	8200135	1.000	Ea
1140	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	1.000	Ea
1150	TS, One Way Mast Arm Mtd (LED)	8200359	6.000	Ea
1160	TS, Antenna	8200367	1.000	Ea
1170	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
1180	Video Traf Detection System	8200380	1.000	Ea
1190	Video Traf Detection Camera	8200381	2.000	Ea
1200	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
1210	Casing	8200480	30.000	Ft
1220	Backplate, TS	8200501	7.000	Ea
1230	Monument Box	8210001	1.000	Ea
1240	Fire Hydrant	8230040	2.000	Ea
1250	Gate Valve, 12 inch	8230064	3.000	Ea
1260	Gate Well,Rem	8230076	2.000	Ea
1270	Hydrant, Rem	8230091	5.000	Ea
1280	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
1290	Water Main, DI, 12 inch, Tr Det G	8230166	123.000	Ft
1300	Gate Well, 60 inch dia	8230360	5.000	Ea
1310	_ Misc Water Main, HDPE, 12 inch, Directional Bore	8237001	597.000	Ft
1320	_ Water Main, Rem	8237001	2,782.000	Ft
1330	_ Water Main Insertion Valve, 12 inch	8237050	2.000	Ea
1340	Staking Plan Errors and Extras, One Person	8240020	22.000	Hr
1350	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
1360	Staking Plan Errors and Extras, Three Person	8240022	14.000	Hr
1370	_ Contractor Staking, Modified	8247051	1.000	LSUM
1380	_ Misc San Structure Cover, Adj	8257050	4.000	Ea
1390	Flowable Fill, Non-Structural	8260148	20.000	Cyd
1400	_ Misc Audio-Video Rte Survey	8507051	1.000	LSUM



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Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1702 012

Letting Date: February 3, 2017

Contract ID: 11000-120848

Description: 0.98 mi of hot mix asphalt cold milling and resurfacing, watermain, concrete sidewalk, pavement markings and restoration on Hilltop Road from I-94 BL/Lakeshore Drive to M-63/Niles Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120848A	STP 1711(009)	HK1313	STUL 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Railroad Crossing	1047060	5,000.000	Dlr
0020	Mobilization, Max \$167,300.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	11.000	Ea
0040	Curb and Gutter, Rem	2040020	1,157.000	Ft
0050	Sidewalk, Rem	2040055	89.000	Syd
0060	_ Pavt, Rem, Modified	2047011	512.000	Syd
0070	Subgrade Undercutting, Type II	2050041	10.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0090	Erosion Control, Silt Fence	2080036	100.000	Ft
0100	Subbase, CIP	3010002	147.000	Cyd
0110	Aggregate Base	3020001	69.000	Ton
0120	Aggregate Base, 4 inch	3020010	1,595.000	Syd
0130	Aggregate Base, 8 inch	3020020	1,699.000	Syd
0140	_ Trenching, Modified	3077002	2.000	Sta
0150	Sewer, Cl A, 6 inch, Tr Det A	4020001	10.000	Ft
0160	Sewer, Cl E, 18 inch, Tr Det B	4020602	62.000	Ft
0170	Sewer Tap, 4 inch	4021200	1.000	Ea
0180	Sewer Tap, 6 inch	4021201	1.000	Ea
0190	Sewer Tap, 8 inch	4021202	1.000	Ea
0200	Sewer Tap, 10 inch	4021203	4.000	Ea
0210	Sewer Tap, 12 inch	4021204	5.000	Ea
0220	Sewer Tap, 18 inch	4021206	3.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	52.000	Ea
0240	Dr Structure Cover, Type B	4030010	25.000	Ea
0250	Dr Structure Cover, Type K	4030050	8.000	Ea
0260	Dr Structure, 24 inch dia	4030200	5.000	Ea
0270	Dr Structure, 48 inch dia	4030210	7.000	Ea

0280	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0290	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0300	_ San Sewer, PVC, 8 inch, Tr Det B	4037001	75.000	Ft
0310	_ Sewer Lateral Replacement, 8 inch	4037001	77.000	Ft
0320	_ Gate Well Cover Only	4037050	9.000	Ea
0330	_ Sewer Structure Cover	4037050	5.000	Ea
0340	_ Gate Well Cover	4037050	24.000	Ea
0350	Underdrain, Subgrade, 6 inch	4040073	175.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0370	Cold Milling HMA Surface	5010002	27,733.000	Syd
0380	Hand Patching	5010025	100.000	Ton
0390	HMA, 3C	5010031	612.000	Ton
0400	HMA, 4E1	5010050	533.000	Ton
0410	HMA, 5E1	5010056	3,795.000	Ton
0420	HMA Approach	5010061	214.000	Ton
0430	_ HMA Surface, Rem, Modified	5017011	4,548.000	Syd
0440	Driveway, Nonreinf Conc, 6 inch	8010005	6.000	Syd
0450	Curb and Gutter, Conc, Det B2	8020016	44.000	Ft
0460	Curb and Gutter, Conc, Det C4	8020023	1,402.000	Ft
0470	Driveway Opening, Conc, Det M	8020050	125.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	2,027.000	Sft
0490	Sidewalk, Conc, 4 inch	8030044	13,238.000	Sft
0500	Sidewalk, Conc, 6 inch	8030046	242.000	Sft
0510	_ Detectable Warning Surface, Modified	8037001	70.000	Ft
0520	Fence, Moving	8080120	10.000	Ft
0530	Post, Steel, 3 lb	8100371	42.000	Ft
0540	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0550	Sign, Type III, Rem	8100403	4.000	Ea
0560	Sign, Type IIIA	8100404	25.000	Sft
0570	Sign, Type IIIB	8100405	30.000	Sft
0580	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	996.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	364.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0670	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,738.000	Ft
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,185.000	Ft
0690	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,416.000	Ft
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0710	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Plastic Drum, High Intensity, Furn	8120250	90.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	90.000	Ea
0750	Sign Cover	8120310	10.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0780	Slope Restoration, Type A	8160100	2,595.000	Syd
0790	Conduit, Schedule 40, 4 inch	8190151	340.000	Ft
0800	Monument Box Adjust	8210005	2.000	Ea
0810	_ Abandon Water Main	8237001	5,268.000	Ft
0820	_ Water Main, DI, 10 inch, TR Det G, Modified	8237001	86.000	Ft
0830	_ Water Main, DI, 12 inch, TR Det G, Modified	8237001	2,187.000	Ft
0840	_ Water Main, DI, 16 inch, TR Det F, Modified	8237001	73.000	Ft
0850	_ Water Main, DI, 16 inch, TR Det G, Modified	8237001	471.000	Ft
0860	_ Water Main, DI, 20 inch, TR Det F, Modified	8237001	823.000	Ft
0870	_ Water Main, DI, 20 inch, TR Det G, Modified	8237001	629.000	Ft
0880	_ Water Main, DI, 6 inch, TR Det F, Modified	8237001	10.000	Ft
0890	_ Water Main, DI, 6 inch, TR Det G, Modified	8237001	100.000	Ft
0900	_ Water Main, DI, 8 inch, TR Det F, Modified	8237001	18.000	Ft
0910	_ Water Main, DI, 8 inch, TR Det G, Modified	8237001	65.000	Ft
0920	_ Fire Hydrant, Modified	8237050	8.000	Ea
0930	_ Gate Valve, 10 inch, Modified	8237050	6.000	Ea
0940	_ Gate Valve, 12 inch, Modified	8237050	6.000	Ea
0950	_ Gate Valve, 16 inch, Modified	8237050	6.000	Ea
0960	_ Gate Valve, 20 inch, Modified	8237050	2.000	Ea
0970	_ Gate Valve, 6 inch, Modified	8237050	1.000	Ea
0980	_ Gate Valve, 8 inch, Modified	8237050	3.000	Ea
0990	_ Gate Valve, Salvaged, Modified	8237050	5.000	Ea
1000	_ Gate Well, 60 inch dia, Modified	8237050	24.000	Ea
1010	_ Hydrant, Rem, Modified	8237050	8.000	Ea
1020	_ Water Serv, 1 inch, long, Modified	8237050	1.000	Ea
1030	_ Water Serv, 1 inch, Modified	8237050	1.000	Ea
1040	_ Water Serv, 2 inch, long, Modified	8237050	3.000	Ea
1050	_ Water Serv, 2 inch, Modified	8237050	6.000	Ea
1060	_ San Wye 10 inch x 8 inch	8257050	1.000	Ea
1070	_ Sewer Structure Cover Only	8257050	14.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 013

Letting Date: February 3, 2017

Contract ID: 72609-130963

Description: Sign removals, installation of new post, sign and ground-mounted flashing beacons, tree removals, shrubs and brush at five intersections, Roscommon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130963A	HSIP 1772(001)	KK4233	HSIP 72609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$10,700.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	1,026.000	Ft
0030	Sign, Type II, Rem	8100397	1.000	Ea
0040	Sign, Type IIB	8100399	8.000	Sft
0050	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0060	Sign, Type III, Rem	8100403	41.000	Ea
0070	Sign, Type IIIA	8100404	162.000	Sft
0080	Sign, Type IIIB	8100405	171.000	Sft
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	38.000	Ea
0100	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0110	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Plastic Drum, High Intensity, Furn	8120250	15.000	Ea
0140	Plastic Drum, High Intensity, Oper	8120251	15.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Flsh Beacon, Solar Power	8200071	3.000	Ea
0190	Flsh Beacon, Solar Power, Dual	8200073	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 014

Letting Date: February 3, 2017

Contract ID: 82061-114871

Description: Traffic signal modernization and ADA ramp upgrades at 24 locations along US-12 (Michigan Avenue) between the US-12BR Connector easterly to Miller Road and on M-153 at Auto Club Drive in the cities of Wayne and Dearborn, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
114871A	CMG 1782(019)	JJ5604	CMG 82061
124126A	NHG 1782(020)	JJ5605	NHG 82061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$349,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	42.000	Ft
0040	Curb and Gutter, Rem	2040020	1,308.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0060	Sidewalk, Rem	2040055	1,837.000	Syd
0070	Exploratory Investigation, Vertical	2040080	650.000	Ft
0080	Embankment, CIP	2050010	22.000	Cyd
0090	Excavation, Earth	2050016	34.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	99.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0120	Subbase, CIP	3010002	5.000	Cyd
0130	Aggregate Base, 4 inch	3020010	328.000	Syd
0140	Sewer, CI A, 12 inch, Tr Det B	4020033	6.000	Ft
0150	_ Sewer Bulkhead, 8 inch	4027050	14.000	Ea
0160	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0170	Hand Patching	5010025	71.000	Ton
0180	Conc Base Cse, Nonreinf, 6 inch	6020015	252.000	Syd
0190	Obstruction Removal	7180100	1,000.000	Dlr
0200	Curb, Conc, Det E4	8020004	480.000	Ft
0210	Curb and Gutter, Conc, Det C6	8020025	34.000	Ft
0220	Curb and Gutter, Conc, Det D2	8020031	21.000	Ft
0230	Curb and Gutter, Conc, Det F2	8020036	1,003.000	Ft
0240	Curb and Gutter, Conc, Det F4	8020038	131.000	Ft
0250	Curb and Gutter, Conc, Det F6	8020040	163.000	Ft
0260	Detectable Warning Surface	8030010	494.000	Ft

0270	Sidewalk Ramp, Conc, 6 inch	8030036	14,914.000	Sft
0280	Sidewalk, Conc, 4 inch	8030044	15.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	320.000	Sft
0300	_ Brick Paver, Install Salv	8037010	421.000	Sft
0310	_ Sidewalk Ramp, Conc, 8 inch	8037010	2,878.000	Sft
0320	_ Sidewalk, Brickwork, Rem	8037010	421.000	Sft
0330	Fence, Protective	8080007	100.000	Ft
0340	Fdn, Wood Support, Rem	8100280	1.000	Ea
0350	Post, Steel, 3 lb	8100371	58.000	Ft
0360	Sign, Type II, Erect, Salv	8100396	4.000	Ea
0370	Sign, Type II, Rem	8100397	4.000	Ea
0380	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0390	Sign, Type III, Rem	8100403	11.000	Ea
0400	Sign, Type IIIB	8100405	2.000	Sft
0410	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	5,065.000	Ft
0420	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	980.000	Ft
0430	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,664.000	Ft
0440	Rem Spec Mrkg	8110343	254.000	Sft
0450	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0460	Recessing Pavement Markings, Transv	8110451	5,000.000	Sft
0470	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,850.000	Ft
0510	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	850.000	Ft
0520	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0540	Sign Cover	8120310	10.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	_ Pedestrian Type II Barricade, Temp	8127050	16.000	Ea
0590	Mulch	8160025	5.000	Syd
0600	_ Turf Establishment, Performance	8167011	386.000	Syd
0610	Cable Pole, TS, Dismant	8190010	8.000	Ea
0620	Cable, Intercn, Rem	8190015	1,600.000	Ft
0630	Cable, Rem	8190016	1,221.000	Ft
0640	Cable, Sec, Rem	8190017	155.000	Ft
0650	Conduit, DB, 1, 1 1/2 inch	8190027	1,870.000	Ft
0660	Conduit, DB, 3, 3 inch	8190035	1,425.000	Ft
0670	Conduit, DB, 4, 3 inch	8190038	195.000	Ft
0680	Conduit, Rem	8190140	571.000	Ft
0690	Hh, Adj	8190244	8.000	Ea
0700	Hh, Rem	8190254	29.000	Ea
0710	Hh, Round, 3 foot Dia.	8190259	9.000	Ea

0720	Hh, Round	8190260	74.000	Ea
0730	Cable, Sec, 600V, 1, 3/C#6	8190399	1,780.000	Ft
0740	Wood Pole	8190465	1.000	Ea
0750	Wood Pole, Rem	8190505	3.000	Ea
0760	Bracket Arm, Clamp On, Rem	8190520	2.000	Ea
0770	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	750.000	Ft
0780	_ Cable, P.J., 600V, 1, 4/C#16	8197001	1,220.000	Ft
0790	Case Sign, Rem	8200020	35.000	Ea
0800	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	26.000	Ea
0810	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	24.000	Ea
0820	Controller and Cabinet, Rem	8200030	23.000	Ea
0830	Controller and Cabinet, Digital Type	8200031	23.000	Ea
0840	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	2.000	Ea
0850	Controller Fdn, Base Mount	8200045	12.000	Ea
0860	Controller Fdn, Rem	8200046	2.000	Ea
0870	Global Positioning System Module	8200050	7.000	Ea
0880	Fdn, Rem	8200065	27.000	Ea
0890	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	8.000	Ea
0900	Pedestal, Alum	8200100	18.000	Ea
0910	Pedestal, Fdn	8200105	31.000	Ea
0920	Pedestal Fdn, Rem	8200106	21.000	Ea
0930	Pedestal, Rem	8200110	21.000	Ea
0940	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
0950	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0960	Power Co. (Est. Cost to Contractor)	8200116	39,850.000	Dlr
0970	Pushbutton and Sign	8200121	46.000	Ea
0980	Pushbutton Pedestal, Alum	8200123	11.000	Ea
0990	Riser	8200125	1.000	Ea
1000	Serv Disconnect	8200135	24.000	Ea
1010	Serv Disconnect, Rem	8200136	12.000	Ea
1020	Span Wire	8200140	68.000	Ea
1030	Span Wire, Rem	8200141	34.000	Ea
1040	Span Wire Tether	8200142	65.000	Ea
1050	Steel Pole, Rem	8200145	26.000	Ea
1060	TS, Bracket Arm Mtd, Rem	8200175	11.000	Ea
1070	TS, Mast Arm Mtd, Rem	8200177	19.000	Ea
1080	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
1090	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	25.000	Ea
1100	TS, Pedestrian, Pedestal Mtd, Rem	8200181	24.000	Ea
1110	TS, Span Wire Mtd, Rem	8200182	62.000	Ea
1120	Warning Sign, Rem	8200261	1.000	Ea
1130	TS, Wireless Link, 5 Gigahertz, Remote	8200275	8.000	Ea
1140	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
1150	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	1.000	Ea

1160	TS, One Way Span Wire Mtd (LED)	8200313	174.000	Ea
1170	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1180	TS, One Way Span Wire Mtd, RTGA (LED)	8200318	2.000	Ea
1190	TS, Two Way Span Wire Mtd (LED)	8200322	3.000	Ea
1200	TS, One Way Bracket Arm Mtd (LED)	8200333	7.000	Ea
1210	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	14.000	Ea
1220	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	26.000	Ea
1230	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
1240	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	13.000	Ea
1250	TS, One Way Mast Arm Mtd (LED)	8200359	21.000	Ea
1260	TS, Antenna	8200367	9.000	Ea
1270	Bracket, Truss, With 6 Foot Arm	8200374	2.000	Ea
1280	Bracket, Truss, With 18 Foot Arm	8200378	11.000	Ea
1290	Video Traf Detection System, Rem	8200383	1.000	Ea
1300	Video Traf Detection Camera, Rem	8200384	1.000	Ea
1310	Bracket, Truss, Rem	8200388	1.000	Ea
1320	Wireless Intercn, Closed Loop, Repeater	8200394	3.000	Ea
1330	Wireless Intercn, Closed Loop, Remote	8200395	3.000	Ea
1340	Wireless Repeater	8200421	3.000	Ea
1350	Wireless Vehicle Detection System	8200422	23.000	Ea
1360	Wireless Vehicle Sensor Node	8200425	213.000	Ea
1370	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	11.000	Ea
1380	Junction Box, Span Wire	8200456	29.000	Ea
1390	Junction Box, Span Wire	8200456	14.000	Ea
1400	Junction Box, Rem	8200457	23.000	Ea
1410	Junction Box, Rem	8200457	6.000	Ea
1420	Strain Pole, Steel, 6 bolt, 30 foot	8200460	59.000	Ea
1430	Strain Pole, Steel, 6 bolt, 36 foot	8200461	15.000	Ea
1440	Strain Pole, Steel, 6 bolt, 40 foot	8200462	2.000	Ea
1450	Strain Pole Fdn, 6 Bolt	8200470	1,114.000	Ft
1460	Casing	8200480	527.000	Ft
1470	Backplate, TS	8200501	190.000	Ea
1480	_ TS, Wireless Link, 5.8 Gigahertz, Remote	8207050	2.000	Ea
1490	_ St Name Sign, Two Way, (LED), 8 foot	8207050	2.000	Ea
1500	_ Street Name Sign Bracket Arm, 10 Foot	8207050	2.000	Ea
1510	_ Street Name Sign, Two Way, Illuminated, Rem	8207050	2.000	Ea
1520	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1530	_ Water Main Conflict, 8 inch	8237050	1.000	Ea
1540	Contractor Staking, Road Only	8240007	1.000	LSUM
1550	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
1560	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
1570	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr

1580	Managed Field Ethernet Switch, Layer 2	8260080	2.000	Ea
1590	_ Decorative Fence, Rem, Salv and Reinstall	8507051	1.000	LSUM
1600	_ Railroad Inspection and Flagging, CR	8507060	5,956.000	Dlr
1610	_ Railroad Inspection and Flagging, CSX	8507060	5,956.000	Dlr
1620	_ Railroad Protection, CR	8507060	5,000.000	Dlr
1630	_ Railroad Protection, CSX	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 015

Letting Date: February 3, 2017

Contract ID: 84927-131884

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131884A	HSIP 1784(037)	KK4238	HSIP 84927

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,600.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	7.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,749,702.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,220,609.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,869,521.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	4,573,081.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	956,837.000	Ft
0090	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,300.000	Ft
0100	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	45,197.000	Ft
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1702 016

Letting Date: February 3, 2017

Contract ID: 41481-124423

Description: 0.50 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter, sidewalk and ramps, pavement markings, landscaping, watermain and sanitary sewer on Leonard Street from Fuller Avenue to Ball Avenue in the city of Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124423A	STP 1741(006)	HK1280	STU 41481
124429A	NH 1741(005)	HK1279	NH 41481
130924A	HSIP 1741(003)	RT0558	HSIP 41609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$700,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	10.000	Ea
0030	_ Curb and Gutter, Rem, Modified	2047001	13,050.000	Ft
0040	_ Pavt, Rem, Modified	2047011	33,400.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	6,220.000	Syd
0060	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0070	_ Roadway Grading	2057002	63.000	Sta
0080	_ Flowable Fill, Non-Structural	2057021	165.000	Cyd
0090	_ Storm Water Operator's Inspection	2087050	105.000	Ea
0100	Project Cleanup	2090001	1.000	LSUM
0110	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0120	Subbase, CIP	3010002	13,250.000	Cyd
0130	_ Aggregate Base, 6 inch, Modified	3027011	37,400.000	Syd
0140	_ Temporary Gravel Pavement	3027021	200.000	Cyd
0150	Video Taping Sewer and Culv Pipe	4021275	484.000	Ft
0160	_ Basin Connection, C76 CI III, 12 inch	4027001	286.000	Ft
0170	_ Basin Connection, DI, CI 53, 12 inch	4027001	849.000	Ft
0180	_ Storm Sewer Lateral, DI CI 53, 8 inch	4027001	60.000	Ft
0190	_ Storm Sewer, C76 CI III, 12 inch	4027001	150.000	Ft
0200	_ Storm Sewer, C76 CI III, 15 inch	4027001	46.000	Ft
0210	_ Storm Sewer, DI, CI 53, 12 inch	4027001	288.000	Ft
0220	Dr Structure Cover, Adj, Case 1	4030005	74.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0240	Dr Structure Cover, Type K	4030050	4.000	Ea
0250	Dr Structure Cover, Type Q	4030065	8.000	Ea

0260	_ Catch Basin, Detail S-3 with S-4 Casting, 4 foot Dia	4037050	10.000	Ea
0270	_ Catch Basin, Detail S-4, 4 foot Dia	4037050	26.000	Ea
0280	_ Core and Boot Sewer into Sewer or Manhole, 12 inch	4037050	28.000	Ea
0290	_ Storm Manhole, Detail S-1, 4 foot Dia	4037050	21.000	Ea
0300	_ Drop Inlet, Det S-6	4037050	2.000	Ea
0310	_ Core and Boot Sewer into Sewer or Manhole, 8 inch	4037050	7.000	Ea
0320	_ Core and Boot Sewer into Sewer or Manhole, 10 inch	4037050	1.000	Ea
0330	Underdrain, Subbase, 6 inch	4040063	13,050.000	Ft
0340	HMA, 3E3	5010045	6,700.000	Ton
0350	HMA, 4E3	5010051	4,800.000	Ton
0360	HMA, 5E3	5010057	3,875.000	Ton
0370	_ Temporary HMA Pavement	5017031	200.000	Ton
0380	Driveway, Nonreinf Conc, 6 inch	8010005	1,525.000	Syd
0390	_ Curb and Gutter, Conc, Det P-5, Modified (12 inch Pan)	8027001	6,000.000	Ft
0400	_ Curb and Gutter, Conc, Det P-5, Modified (18 inch Pan)	8027001	6,900.000	Ft
0410	Sidewalk Ramp, Conc, 6 inch	8030036	3,900.000	Sft
0420	Sidewalk, Conc, 4 inch	8030044	37,550.000	Sft
0430	Sidewalk, Conc, 6 inch	8030046	7,710.000	Sft
0440	_ Detectable Warning Surface, Modified	8037001	400.000	Ft
0450	_ Sign, Rem and Salvage	8107050	36.000	Ea
0460	Recessing Pavement Markings, Longit	8110450	20,445.000	Ft
0470	Recessing Pavement Markings, Transv	8110451	2,840.000	Sft
0480	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	2,120.000	Ft
0490	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	6,230.000	Ft
0500	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	750.000	Ft
0510	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	12,095.000	Ft
0520	_ Pavt Mrkg, Wet Retrflec Polyurea, 24 inch, White	8117001	365.000	Ft
0530	_ Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8117050	11.000	Ea
0540	_ Pavt Mrkg, Preformed Thermopl, Only Sym	8117050	3.000	Ea
0550	_ Pavt Mrkg, Preformed Thermopl, Bike	8117050	16.000	Ea
0560	_ Pavt Mrkg, Preformed Thermopl, Direction Arrow Sym, Bike	8117050	16.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Furn	8120022	80.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Oper	8120023	80.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Plastic Drum, High Intensity, Furn	8120250	85.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	85.000	Ea
0620	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0630	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	1,399.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	1,399.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	152.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	152.000	Sft

0680	_ Sign, Temporary Business, Oper	8127050	25.000	Ea
0690	_ Dust Control	8127051	1.000	LSUM
0700	Site Preparation, Max \$6,000.00	8150001	1.000	LSUM
0710	Watering and Cultivating, First Season, Min \$7,000.00	8150002	1.000	LSUM
0720	Watering and Cultivating, Second Season, Min \$6,000.00	8150003	1.000	LSUM
0730	_ Gleditsia triacanthos inermis 'Impcole', 3 inch	8157050	2.000	Ea
0740	_ Protect Tree	8157050	16.000	Ea
0750	_ Prunus sargentii x subhirtella 'Accolade', 2 1/2 inch	8157050	10.000	Ea
0760	_ Tilia cordata 'Greenspire', 3 inch	8157050	6.000	Ea
0770	_ Ulmus propinqua 'JFS-Bieberich', 3 inch	8157050	14.000	Ea
0780	_ Ulmus x 'Morton', 3 inch	8157050	10.000	Ea
0790	_ Cletis occidentalis, 3 inch	8157050	10.000	Ea
0800	_ Crusader Thornless Hawthorn, 2 1/2 inch	8157050	6.000	Ea
0810	_ Gleditsia triacanthos inermis 'Impcole', 3 inch	8157050	9.000	Ea
0820	_ Zelkova serrata 'Green Vase', 3 inch	8157050	4.000	Ea
0830	_ Turf Establishment	8167011	6,240.000	Syd
0840	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea
0850	Cable Pole, TS, Dismant	8190010	3.000	Ea
0860	Conduit, DB, 1, 1 1/2 inch	8190027	240.000	Ft
0870	Conduit, DB, 3, 3 inch	8190035	160.000	Ft
0880	Conduit, DB, 4, 3 inch	8190038	80.000	Ft
0890	Hh, Rem	8190254	1.000	Ea
0900	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0910	Hh, Round	8190260	4.000	Ea
0920	Cable, Sec, 600V, 1, 3/C#6	8190399	110.000	Ft
0930	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0940	Wood Pole, Rem	8190505	2.000	Ea
0950	Case Sign, Rem	8200020	1.000	Ea
0960	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0970	Controller and Cabinet, Rem	8200030	1.000	Ea
0980	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0990	Controller Fdn, Base Mount	8200045	1.000	Ea
1000	Pedestal Fdn, Rem	8200106	1.000	Ea
1010	Pedestal, Rem	8200110	1.000	Ea
1020	Serv Disconnect	8200135	1.000	Ea
1030	Span Wire	8200140	4.000	Ea
1040	Span Wire, Rem	8200141	1.000	Ea
1050	Span Wire Tether	8200142	4.000	Ea
1060	Strain Pole, Steel, Anchor Base, 30 foot	8200155	3.000	Ea
1070	Strain Pole, Steel, Anchor Fdn	8200165	3.000	Ea
1080	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
1090	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1100	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1110	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea

1120	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1130	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
1140	Casing	8200480	26.000	Ft
1150	Backplate, TS	8200501	8.000	Ea
1160	_ Gridsmart Camera	8207050	1.000	Ea
1170	_ Inside Signal Support Plate	8207050	8.000	Ea
1180	_ Outside Signal Support Plate	8207050	8.000	Ea
1190	_ Steel Pole Mounting Hub	8207050	3.000	Ea
1200	_ TS, Managed Field Ethernet Switch, Layer 2, Copper, Mod	8207050	1.000	Ea
1210	_ Wood Pole Mounting Hub	8207050	1.000	Ea
1220	Gate Box, Adj, Temp, Case 1	8230391	16.000	Ea
1230	_ Water Main, DI CI 53, 12 inch	8237001	5,700.000	Ft
1240	_ Water Main, DI CI 53, 6 inch	8237001	1,000.000	Ft
1250	_ Water Main, DI CI 53, 8 inch	8237001	225.000	Ft
1260	_ Water Main, DI CI 53, TM, 30 inch	8237001	6,215.000	Ft
1270	_ Water Main, DI CI 53, 24 inch	8237001	50.000	Ft
1280	_ Water Service, 1 1/2 inch	8237001	360.000	Ft
1290	_ Water Service, 1 inch	8237001	2,050.000	Ft
1300	_ Water Service, 2 inch	8237001	140.000	Ft
1310	_ Water Main, DI CI 53, 16 inch	8237001	60.000	Ft
1320	_ Water Main, DI CI 53, 4 inch	8237001	20.000	Ft
1330	_ Air Vent Manhole	8237050	5.000	Ea
1340	_ Bend, 22.5 Degree, 8 inch	8237050	2.000	Ea
1350	_ Bend, 45 degree, 24 inch	8237050	4.000	Ea
1360	_ Bend, 45 degree, 30 inch	8237050	24.000	Ea
1370	_ Bend, 45 degree, 6 inch	8237050	45.000	Ea
1380	_ Bend, 45 degree, 8 inch	8237050	20.000	Ea
1390	_ Bend, 90 Degree, 8 inch	8237050	1.000	Ea
1400	_ Blowoff Assembly	8237050	5.000	Ea
1410	_ Butterfly Valve and Box, 24 inch	8237050	1.000	Ea
1420	_ Butterfly Valve and Box, TM, 30 inch	8237050	5.000	Ea
1430	_ Cross, 30 x 24 inch	8237050	1.000	Ea
1440	_ Curb Box in Pavement	8237050	5.000	Ea
1450	_ Curb Stop and Box on Water Service, 1 inch	8237050	62.000	Ea
1460	_ Curb Stop and Box on Water Service, 1.5 inch	8237050	9.000	Ea
1470	_ Curb Stop and Box on Water Service, 2 inch	8237050	6.000	Ea
1480	_ Air Vent and Surge Vacuum Breaker Manhole Air Intake Modification	8237050	1.000	Ea
1490	_ Hydrant, 5 inch	8237050	19.000	Ea
1500	_ Hydrant, Rem, Modified	8237050	14.000	Ea
1510	_ Bend, 22.5 degree, 12 inch	8237050	2.000	Ea
1520	_ Reducer, 12 x 8 inch	8237050	1.000	Ea
1530	_ Bend, 22.5 degree, 4 inch	8237050	2.000	Ea
1540	_ Reducer, 16 x 8 inch	8237050	1.000	Ea

1550	_ Bend, 45 degree, 12 inch	8237050	29.000	Ea
1560	_ Reducer, 30 x 16 inch	8237050	1.000	Ea
1570	_ Sleeve, 24 inch	8237050	2.000	Ea
1580	_ Sleeve, 6 inch	8237050	16.000	Ea
1590	_ Sleeve, 8 inch	8237050	8.000	Ea
1600	_ Bend, 90 degree, 16 inch	8237050	1.000	Ea
1610	_ Tap for Water Service including Corporation Stop and Collar, 1.5 inch	8237050	10.000	Ea
1620	_ Bend, 90 degree, 6 inch	8237050	2.000	Ea
1630	_ Tap for Water Service including Corporation Stop and Collar, 2 inch	8237050	10.000	Ea
1640	_ Tap for Water Service including Corporation Stop, 1 inch	8237050	75.000	Ea
1650	_ Butterfly Valve and Box, 16 inch	8237050	2.000	Ea
1660	_ Tee, 12 x 12 x 6 inch	8237050	33.000	Ea
1670	_ Tee, 12 x 12 x 8 inch	8237050	1.000	Ea
1680	_ Cross, 12 x 12 inch	8237050	1.000	Ea
1690	_ Tee, 8 x 8 x 6 inch	8237050	1.000	Ea
1700	_ Cross, 12 x 8 inch	8237050	1.000	Ea
1710	_ Valve and Box, 12 inch	8237050	18.000	Ea
1720	_ Cross, 16 x 16 inch	8237050	1.000	Ea
1730	_ Valve and Box, 6 inch	8237050	31.000	Ea
1740	_ Valve and Box, 8 inch	8237050	3.000	Ea
1750	_ Reducer, 16 x 12 inch	8237050	1.000	Ea
1760	_ Sleeve, 12 inch	8237050	3.000	Ea
1770	_ Sleeve, 16 inch	8237050	2.000	Ea
1780	_ Sleeve, 4 inch	8237050	1.000	Ea
1790	_ Sleeve. 30 inch	8237050	1.000	Ea
1800	_ Tee, 12 x 12 x 12 inch	8237050	2.000	Ea
1810	_ Tee, 12 x 12 x 4 inch	8237050	1.000	Ea
1820	_ Tee, 6 x 6 x 6 inch	8237050	1.000	Ea
1830	_ Valve and Box, 4 inch	8237050	1.000	Ea
1840	_ Sanitary Sewer, D2680, 8 inch	8257001	330.000	Ft
1850	_ Video Taping Sewer and Culv Pipe, Modified	8257001	1,390.000	Ft
1860	_ Sanitary Sewer Lateral, PVC SDR 23.5, 6 inch	8257001	1,000.000	Ft
1870	_ Sanitary Sewer, D2680,10 inch	8257001	1,060.000	Ft
1880	_ Sanitary Manhole, Detail S-1, 4 foot Dia	8257050	11.000	Ea
1890	_ 6" Tee/Wye on 10 inch Sanitary Sewer	8257050	25.000	Ea
1900	_ Drop Connection, 8 inch on 10 inch Sanitary Sewer, Detail S-1A	8257050	2.000	Ea
1910	_ Drop Connection, 8 inch on 8 inch Sanitary Sewer, Detail S-1A	8257050	2.000	Ea
1920	_ Sanitary Sewer Service, Maintain	8257051	1.000	LSUM
1930	_ Preconstruction Documentation	8507051	1.000	LSUM
1940	_ Underground Sprinkling, Identify, Protect and Restore	8507051	1.000	LSUM
1950	_ Contaminated Material, Storage, Handling and Disposal	8507060	130,000.000	Dlr

1960	_ Additional Insurance	8507060	14,000.000	Dlr
1970	_ Internal Plumbing	8507060	40,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 017

Letting Date: February 3, 2017

Contract ID: 82163-132286

Description: 0.55 mi of integral concrete pavement reconstruction, storm sewer, signing and pavement markings on Amrheim Road from Eckles Road easterly in the city of Livonia, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132286A	STP 1782(015)	HK1318	STU 82163

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$167,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	7.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	259.000	Ft
0040	Curb and Gutter, Rem	2040020	84.000	Ft
0050	Pavt, Rem	2040050	13,209.000	Syd
0060	_ Bollard, Rem	2047050	2.000	Ea
0070	Embankment, CIP	2050010	615.000	Cyd
0080	Excavation, Earth	2050016	3,305.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	26.000	Ea
0110	Project Cleanup	2090001	1.000	LSUM
0120	_ Misc Agg Base, 6 inch	3027011	531.000	Syd
0130	_ Misc Agg Base, 8 inch	3027011	13,960.000	Syd
0140	_ Misc Agg Base, 9 inch	3027011	246.000	Syd
0150	Maintenance Gravel	3060020	250.000	Ton
0160	Sewer, CI IV, 12 inch, Tr Det B	4020987	190.000	Ft
0170	Sewer Bulkhead, 12 inch	4021230	6.000	Ea
0180	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0190	Dr Structure Cover, Type R	4030070	8.000	Ea
0200	Dr Structure, 24 inch dia	4030200	4.000	Ea
0210	Dr Structure, 48 inch dia	4030210	3.000	Ea
0220	Dr Structure, Cleaning	4030290	3.000	Ea
0230	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0250	_ Maintenance Basin, 24 inch Dia	4037050	2.000	Ea
0260	_ Underdrain, Subgrade, 6 inch, Modified	4047001	5,684.000	Ft
0270	HMA Surface, Rem	5010005	230.000	Syd
0280	HMA Approach	5010061	70.000	Ton

0290	HMA, Temp Pavt (3E3)	5010804	100.000	Ton
0300	_ Cold Patching, Misc	5017031	10.000	Ton
0310	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	12,690.000	Syd
0320	Joint, Contraction, Cp	6020200	11,387.000	Ft
0330	Joint, Expansion, E2	6020207	200.000	Ft
0340	Pavt Gapping	6020215	400.000	Ft
0350	Joint, Contraction, Crg	6030020	92.000	Ft
0360	Lane Tie, Epoxy Anchored	6030030	44.000	Ea
0370	Driveway, Nonreinf Conc, 8 inch	8010007	503.000	Syd
0380	Curb and Gutter, Conc, Det C5	8020024	265.000	Ft
0390	Driveway Opening, Conc, Det M	8020050	388.000	Ft
0400	Post, Steel, 3 lb	8100371	189.000	Ft
0410	Sign, Type III, Rem	8100403	20.000	Ea
0420	Sign, Type IIIA	8100404	20.000	Sft
0430	Sign, Type IIIB	8100405	42.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0460	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	125.000	Ft
0470	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,660.000	Ft
0480	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	7,785.000	Ft
0490	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0500	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0510	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0520	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0530	Dust Palliative, Applied	8120100	3.000	Ton
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	360.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,400.000	Ft
0570	Plastic Drum, High Intensity, Furn	8120250	147.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	147.000	Ea
0590	Sign Cover	8120310	5.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	318.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	318.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	80.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	80.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	Water, Sodding/Seeding	8160090	106.000	Unit
0660	_ Surface Restoration, Hydroseeding	8167011	4,455.000	Syd
0670	Monument Box Adjust	8210005	1.000	Ea
0680	_ Spinkler Line	8507001	750.000	Ft
0690	_ Spinkler Head, Relocate	8507050	25.000	Ea
0700	_ Spinkler Head, Replace	8507050	25.000	Ea
0710	_ Reimbursed Permit Fees	8507060	1,500.000	Dlr



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Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1702 018

Letting Date: February 3, 2017

Contract ID: 12435-126432

Description: 0.30 mi of hot mix asphalt pavement, concrete curb, gutter, sidewalk, ramps and driveway approaches, sanitary sewer, watermain and storm sewer on Grand Street from Pierce Street to Marshall Road in the city of Coldwater, Branch County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126432A	STP 1712(203)	HK1316	STUL 12435

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$155,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	29.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,425.000	Ft
0040	Curb and Gutter, Rem	2040020	4,276.000	Ft
0050	Pavt, Rem	2040050	9,420.000	Syd
0060	Sidewalk, Rem	2040055	1,212.000	Syd
0070	Subgrade Undercutting, Type II	2050041	350.000	Cyd
0080	_ Roadway Grading	2057002	20.000	Sta
0090	_ Flowable Fill, Non-Structural	2057021	22.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0110	Erosion Control, Silt Fence	2080036	150.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	2,038.000	Cyd
0140	_ Aggregate Base, 10 inch, Modified	3027011	9,741.000	Syd
0150	Sewer, Cl A, 12 inch, Tr Det B	4020033	649.000	Ft
0160	Sewer, Cl A, 18 inch, Tr Det B	4020035	330.000	Ft
0170	Sewer, Cl A, 24 inch, Tr Det B	4020036	1,142.000	Ft
0180	Sewer, Cl E, 12 inch, Tr Det B	4020600	424.000	Ft
0190	Sewer, Cl E, 15 inch, Tr Det B	4020601	35.000	Ft
0200	Sewer Tap, 8 inch	4021202	8.000	Ea
0210	Video Taping Sewer and Culv Pipe	4021275	2,580.000	Ft
0220	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0230	Dr Structure Cover, Type G	4030040	1.000	Ea
0240	Dr Structure Cover, Type K	4030050	21.000	Ea
0250	Dr Structure, 48 inch dia	4030210	12.000	Ea
0260	Dr Structure, 60 inch dia	4030220	2.000	Ea
0270	Dr Structure, Tap, 12 inch	4030312	2.000	Ea

0280	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0290	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0300	_ Dr Structure Cover, Type B, Modified	4037050	15.000	Ea
0310	_ Dr Structure Cover, Type Q, Modified	4037050	1.000	Ea
0320	_ Dr Structure, 24 inch dia, Modified	4037050	16.000	Ea
0330	_ Dr Structure, 48 inch dia, Modified	4037050	5.000	Ea
0340	_ Dr Structure, 60 inch dia, Modified	4037050	1.000	Ea
0350	Underdrain, Subbase, 6 inch	4040063	150.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	75.000	Ft
0370	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0380	HMA Surface, Rem	5010005	8,884.000	Syd
0390	HMA, 4E1	5010050	1,561.000	Ton
0400	HMA, 5E1	5010056	859.000	Ton
0410	HMA Approach	5010061	409.000	Ton
0420	Driveway, Nonreinf Conc, 6 inch	8010005	491.000	Syd
0430	Curb and Gutter, Conc, Det F4	8020038	4,111.000	Ft
0440	Detectable Warning Surface	8030010	140.000	Ft
0450	Sidewalk Ramp, Conc, 6 inch	8030036	2,032.000	Sft
0460	Sidewalk, Conc, 4 inch	8030044	8,618.000	Sft
0470	Sidewalk, Conc, 6 inch	8030046	682.000	Sft
0480	Post, Steel, 3 lb	8100371	140.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	29.000	Ea
0500	Sign, Type III, Rem	8100403	31.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	90.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	860.000	Ft
0530	Pavt Mrkg, Waterborne, 4 inch, White	8110231	275.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	200.000	Ft
0550	Barricade, Type III, High Intensity, Lighted, Furn	8120022	35.000	Ea
0560	Barricade, Type III, High Intensity, Lighted, Oper	8120023	35.000	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	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft
0620	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0630	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	920.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	920.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	22.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	22.000	Sft
0690	_ Turf Establishment, Performace	8167011	3,100.000	Syd
0700	Hydrant, Rem	8230091	5.000	Ea

0710	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	35.000	Ft
0720	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	2,065.000	Ft
0730	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	116.000	Ft
0740	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	100.000	Ft
0750	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	245.000	Ft
0760	_ Water Service, 1 inch	8237001	1,020.000	Ft
0770	_ Corporation Stop, 1 inch	8237050	24.000	Ea
0780	_ Curb Stop and Box on 1 inch Water Service	8237050	24.000	Ea
0790	_ Fire Hydrant Assembly	8237050	5.000	Ea
0800	_ Gate Valve and Box, 12 inch, Modified	8237050	8.000	Ea
0810	_ Gate Valve and Box, 4 inch, Modified	8237050	1.000	Ea
0820	_ Gate Valve and Box, 8 inch, Modified	8237050	6.000	Ea
0830	_ Water Main Fitting, DI, 10 inch	8237050	3.000	Ea
0840	_ Water Main Fitting, DI, 12 inch	8237050	42.000	Ea
0850	_ Water Main Fitting, DI, 4 inch	8237050	10.000	Ea
0860	_ Water Main Fitting, DI, 6 inch	8237050	8.000	Ea
0870	_ Water Main Fitting, DI, 8 inch	8237050	23.000	Ea
0880	_ Service Lead, Sanitary, 6 inch	8257001	610.000	Ft
0890	_ Sewer, Sanitary, PVC, 8 inch, Tr Det B	8257001	743.000	Ft
0900	_ Sanitary Structure, 48 inch dia	8257050	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 019

Letting Date: February 3, 2017

Contract ID: 76421-126386

Description: 0.41 mi of hot mix asphalt reconstruction, intersection improvement, concrete curb, gutter and ADA ramps, watermain, storm sewer, signing and pavement markings on Oliver Street from Washington Street to Oak Street in the city of Owosso, Shiawassee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126386A	STP 1776(003)	HK1295	STUL 76421

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$127,800.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0030	Dr Structure, Rem	2030011	15.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	1,211.000	Ft
0050	Curb and Gutter, Rem	2040020	3,675.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0070	Pavt, Rem	2040050	8,975.000	Syd
0080	Sidewalk, Rem	2040055	1,502.000	Syd
0090	Embankment, CIP	2050010	164.000	Cyd
0100	Excavation, Earth	2050016	2,999.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0140	Erosion Control, Silt Fence	2080036	200.000	Ft
0150	_ Aggregate Base, 5 inch, Modified	3027011	1,023.000	Syd
0160	_ Aggregate Base, 8 inch, Modified	3027011	7,486.000	Syd
0170	Maintenance Gravel	3060020	500.000	Ton
0180	_ Approach, CI I, 8 inch, Modified	3077011	366.000	Syd
0190	Geotextile, Separator	3080005	7,956.000	Syd
0200	Sewer Tap, 8 inch	4021202	4.000	Ea
0210	_ Sewer, SDR-26, 12 inch, Tr Det B-Modified	4027001	541.000	Ft
0220	_ Sewer, SDR-26, 15 inch, Tr Det B-Modified	4027001	976.000	Ft
0230	_ Sewer, SDR-26, 8 inch, Tr Det B-Modified	4027001	60.000	Ft
0240	_ Sump Pump Lead and Drain Tile Connection	4027001	100.000	Ft
0250	_ Sanitary Serv Conflict	4027050	5.000	Ea
0260	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0270	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea

0280	Dr Structure Cover, Type B	4030010	8.000	Ea
0290	Dr Structure Cover, Type K	4030050	19.000	Ea
0300	Dr Structure Cover, Type Q	4030065	4.000	Ea
0310	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0320	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	3.000	Ft
0330	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0340	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0350	_ Dr Structure, Add Depth of 36 inch dia, 8 foot to 15 foot	4037001	1.000	Ft
0360	_ Dr Structure Cover, Type DG	4037050	6.000	Ea
0370	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea
0380	_ Dr Structure, 36 inch dia, Modified	4037050	24.000	Ea
0390	_ Dr Structure, 48 inch dia, Modified	4037050	7.000	Ea
0400	_ Dr Structure, 60 inch dia, Modified	4037050	1.000	Ea
0410	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0420	HMA Surface, Rem	5010005	6,917.000	Syd
0430	HMA, 2C	5010030	1,230.000	Ton
0440	HMA Approach	5010061	557.000	Ton
0450	HMA, LVSP	5010703	703.000	Ton
0460	Driveway, Nonreinf Conc, 6 inch	8010005	338.000	Syd
0470	Curb and Gutter, Conc, Det F4	8020038	3,686.000	Ft
0480	Detectable Warning Surface	8030010	210.000	Ft
0490	Sidewalk Ramp, Conc, 6 inch	8030036	4,243.000	Sft
0500	Sidewalk, Conc, 4 inch	8030044	8,455.000	Sft
0510	Sidewalk, Conc, 6 inch	8030046	725.000	Sft
0520	Post, Steel, 3 lb	8100371	536.000	Ft
0530	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0540	Sign, Type III, Rem	8100403	44.000	Ea
0550	Sign, Type IIIA	8100404	78.000	Sft
0560	Sign, Type IIIB	8100405	121.000	Sft
0570	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	978.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	181.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,356.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,638.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,356.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,638.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	33.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	33.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM

0690	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	140.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	140.000	Ft
0710	Plastic Drum, High Intensity, Furn	8120250	170.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	170.000	Ea
0730	Sign Cover	8120310	12.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	766.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	766.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	71.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	71.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0800	_ Turf Establishment, Performance	8167011	6,300.000	Syd
0810	Monument Box	8210001	1.000	Ea
0820	Monument Preservation	8210010	1.000	Ea
0830	Gate Valve and Box, 6 inch	8230051	1.000	Ea
0840	Gate Valve and Box, 8 inch	8230052	13.000	Ea
0850	Gate Valve and Box, 10 inch	8230053	2.000	Ea
0860	Gate Valve and Box, 12 inch	8230054	2.000	Ea
0870	Hydrant, Rem	8230091	5.000	Ea
0880	Water Main, 4 inch, Cut and Plug	8230130	3.000	Ea
0890	Water Main, 6 inch, Cut and Plug	8230131	5.000	Ea
0900	Water Main, 10 inch, Cut and Plug	8230133	2.000	Ea
0910	Water Main, 12 inch, Cut and Plug	8230134	3.000	Ea
0920	Water Serv	8230240	10.000	Ea
0930	Water Serv, Long	8230245	17.000	Ea
0940	Gate Box, Adj, Case 1	8230431	2.000	Ea
0950	Gate Box, Adj, Case 2	8230432	2.000	Ea
0960	_ Water Main, PVC, 10 inch, Tr Det G	8237001	78.000	Ft
0970	_ Water Main, PVC, 12 inch, Tr Det G	8237001	114.000	Ft
0980	_ Water Main, PVC, 4 inch, Tr Det G	8237001	51.000	Ft
0990	_ Water Main, PVC, 6 inch, Tr Det G	8237001	96.000	Ft
1000	_ Water Main, PVC, 8 inch, Bore	8237001	1,163.000	Ft
1010	_ Water Main, PVC, 8 inch, Tr Det G	8237001	1,494.000	Ft
1020	_ Hydrant, Complete, 6 inch	8237050	7.000	Ea
1030	_ Valve Box, Rem	8237050	20.000	Ea
1040	_ Water Meter Pit, Rem	8237050	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 020

Letting Date: February 3, 2017

Contract ID: 47093-132287

Description: 0.94 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ADA ramps, drainage, guardrail, signals and pavement markings on Grand River Avenue from north of I-96 to Ore Creek Road in the city of Brighton, Livingston County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132287A	STP 1747(004)	HK1298	STU 47093

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,400.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	718.000	Ft
0030	Curb, Rem	2040021	890.000	Ft
0040	Guardrail, Rem	2040035	1,077.000	Ft
0050	Pavt, Rem	2040050	496.000	Syd
0060	Sidewalk, Rem	2040055	374.000	Syd
0070	Embankment, CIP	2050010	200.000	Cyd
0080	Excavation, Earth	2050016	700.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0100	Aggregate Base, 4 inch	3020010	900.000	Syd
0110	Shoulder, CI II, 4 inch	3070126	150.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0130	Dr Structure, Temp Lowering	4030390	10.000	Ea
0140	Pavt, Cleaning	5010001	1.000	LSUM
0150	Cold Milling HMA Surface	5010002	34,435.000	Syd
0160	HMA Surface, Rem	5010005	105.000	Syd
0170	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0180	Hand Patching	5010025	100.000	Ton
0190	HMA, 4E10, High Stress	5010510	3,638.000	Ton
0200	HMA, 5E10, High Stress	5010516	2,730.000	Ton
0210	HMA Approach, High Stress	5010520	638.000	Ton
0220	_ Conc Base Cse, Nonreinf, 12 inch	6027011	623.000	Syd
0230	Cold Milling Conc Pavt	6030014	534.000	Syd
0240	Curb and Gutter, Conc, Det F4	8020038	674.000	Ft
0250	Driveway Opening, Conc, Det M	8020050	50.000	Ft
0260	_ Curb and Gutter, Conc, Det F4, Modified	8027001	29.000	Ft
0270	Detectable Warning Surface	8030010	202.000	Ft

0280	Sidewalk Ramp, Conc, 6 inch	8030036	3,112.000	Sft
0290	Guardrail, Type B	8070000	188.000	Ft
0300	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0310	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0320	Guardrail Approach Terminal, Type 2B	8070042	5.000	Ea
0330	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0340	Guardrail Reflector	8070080	35.000	Ea
0350	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0360	Post, Steel, 3 lb	8100371	746.000	Ft
0370	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0380	Sign, Type II, Rem	8100397	8.000	Ea
0390	Sign, Type IIA	8100398	24.000	Sft
0400	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0410	Sign, Type III, Rem	8100403	34.000	Ea
0420	Sign, Type IIIA	8100404	18.000	Sft
0430	Sign, Type IIIB	8100405	230.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	710.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	940.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	403.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0490	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,184.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,395.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,272.000	Ft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0540	Channelizing Device, 42 inch, Furn	8120030	400.000	Ea
0550	Channelizing Device, 42 inch, Oper	8120031	400.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Ltg for Night Work	8120160	1.000	LSUM
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	11,100.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	22,700.000	Ft
0630	Sign Cover	8120310	10.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	1,320.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	1,320.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft

0700	Traf Regulator Control	8120370	1.000	LSUM
0710	_ Pedestrian Type II Barricade, Temp	8127050	6.000	Ea
0720	Slope Restoration, Type B	8160101	600.000	Syd
0730	Conduit, DB, 1, 1 1/2 inch	8190027	119.000	Ft
0740	Conduit, Rem	8190140	40.000	Ft
0750	Pedestal, Alum	8200100	6.000	Ea
0760	Pedestal, Fdn	8200105	6.000	Ea
0770	Pedestal Fdn, Rem	8200106	3.000	Ea
0780	Pedestal, Rem	8200110	3.000	Ea
0790	Pushbutton and Sign	8200121	6.000	Ea
0800	Pushbutton, Rem	8200122	4.000	Ea
0810	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0820	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0830	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0840	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
0850	TS, Bag	8200450	16.000	Ea
0860	TS, Bag, Rem	8200451	16.000	Ea
0870	Water Shutoff, Adj, Case 2	8230422	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 021

Letting Date: February 3, 2017

Contract ID: 41481-124442

Description: 1.01 mi of hot mix asphalt cold milling, resurfacing and widening, sanitary sewer, drainage, sidewalk ramps, guardrail and pavement markings on Kalamazoo Avenue from 84th Street to 76th Street, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124442A	STP 1741(011)	HK1329	EDCF 41481

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,800.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	2.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0090	Dr Structure, Rem	2030011	2.000	Ea
0100	Curb and Gutter, Rem	2040020	162.000	Ft
0110	Fence, Rem	2040025	821.000	Ft
0120	Sidewalk, Rem	2040055	84.000	Syd
0130	Exploratory Investigation, Vertical	2040080	20.000	Ft
0140	Embankment, CIP	2050010	976.000	Cyd
0150	Excavation, Earth	2050016	7,602.000	Cyd
0160	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0180	_ Roadway Grading	2057011	20,492.000	Syd
0190	Erosion Control, Check Dam, Stone	2080012	80.000	Ft
0200	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0210	Project Cleanup	2090001	1.000	LSUM
0220	Subbase, CIP	3010002	4,615.000	Cyd
0230	_ Aggregate Base, Modified	3027021	1,814.000	Cyd
0240	_ Aggregate Base, Modified	3027031	600.000	Ton
0250	Approach, CI I, CIP	3070002	185.000	Cyd
0260	Shoulder, CI II	3070121	225.000	Ton
0270	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea

0280	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0290	Culv, CI B, Conc, 12 inch	4010267	384.000	Ft
0300	Culv, CI B, Conc, 18 inch	4010269	8.000	Ft
0310	Sewer, CI II, 18 inch, Tr Det B	4020751	8.000	Ft
0320	Sewer, CI II, 30 inch, Tr Det B	4020754	26.000	Ft
0330	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 Inch, Tr Det B, Modified	4027001	96.000	Ft
0340	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0350	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0360	Dr Structure Cover, Type E	4030035	1.000	Ea
0370	Dr Structure Cover, Type G	4030040	1.000	Ea
0380	Dr Structure, 24 inch dia	4030200	1.000	Ea
0390	Dr Structure, 60 inch dia	4030220	1.000	Ea
0400	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0410	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0420	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0430	_ Underdrain Subbase, 6 inch, Modified	4047001	550.000	Ft
0440	Cold Milling HMA Surface	5010002	23,687.000	Syd
0450	HMA Surface, Rem	5010005	329.000	Syd
0460	HMA, 2C	5010030	5,847.000	Ton
0470	HMA, 5E1	5010056	2,552.000	Ton
0480	HMA Approach	5010061	147.000	Ton
0490	_ HMA Spillway	5017001	40.000	Ft
0500	Curb and Gutter, Conc, Det B2	8020016	615.000	Ft
0510	Curb and Gutter, Conc, Det F4	8020038	114.000	Ft
0520	_ Driveway Opening, Conc, Det M, Modified	8027001	120.000	Ft
0530	_ Modular Block Retaining Wall (Small Block)	8027010	400.000	Sft
0540	Detectable Warning Surface	8030010	105.000	Ft
0550	Sidewalk Ramp, Conc, 6 inch	8030036	1,005.000	Sft
0560	Sidewalk, Conc, 4 inch	8030044	3,096.000	Sft
0570	Guardrail, Type B	8070000	112.000	Ft
0580	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0590	Guardrail Reflector	8070080	15.000	Ea
0600	Post, Mailbox	8070095	7.000	Ea
0610	Fence, Woven Wire with Steel Post	8080002	821.000	Ft
0620	_ Fence, Electric, Temp	8087001	821.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	103.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0670	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,180.000	Ft
0680	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,815.000	Ft
0690	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0710	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea

0720	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0730	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0740	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0750	Minor Traf Devices	8120170	1.000	LSUM
0760	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	210.000	Ft
0770	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0780	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	233.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	30.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	Riprap, Plain	8130010	32.000	Syd
0850	Mulch Blanket	8160027	4,000.000	Syd
0860	Seeding, Mixture CR	8160035	194.000	Lb
0870	Topsoil Surface, Furn, 3 inch	8160061	15,657.000	Syd
0880	Water, Sodding/Seeding	8160090	55.000	Unit
0890	_ Roadside Seeding	8167011	15,657.000	Syd
0900	Monument Box	8210001	1.000	Ea
0910	Monument Preservation	8210010	1.000	Ea
0920	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
0930	_ Furnish and Place 6" Property Line Risers	8257001	50.000	Ft
0940	_ Furnish and Place 6" Sanitary Sewer Lateral	8257001	235.000	Ft
0950	_ Furnish and Place 8" Sanitary Sewer	8257001	1,117.000	Ft
0960	_ Connect to Existing Manhole	8257050	1.000	Ea
0970	_ Furnish and Place 4' Diameter Sanitary Manhole	8257050	5.000	Ea
0980	_ Furnish and Place 6" Wye on 8" Sanitary Sewer	8257050	6.000	Ea
0990	_ Remove and Plug Existing Lateral	8257050	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 022

Letting Date: February 3, 2017

Contract ID: 80421-131877

Description: 1.06 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, aggregate shoulders, guardrail, ditching, slope restoration, permanent signs and pavement markings on County Road 687 from the Hartford north city limits to County Road 372/52nd Avenue, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131877A	STP 1780(002)	HK1286	STUL 80421

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$79,300.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.360	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	11.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0070	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0090	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0100	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0110	Curb and Gutter, Rem	2040020	20.000	Ft
0120	Fence, Rem	2040025	50.000	Ft
0130	Guardrail, Rem	2040035	361.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0150	_ Pavt, Rem, Modified	2047011	188.000	Syd
0160	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0170	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0180	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	1,425.000	Cyd
0200	Aggregate Base, 8 inch	3020020	2,810.000	Syd
0210	_ Salvaged Aggregate Base, 8 inch	3027011	1,405.000	Syd
0220	HMA Base Crushing and Shaping	3050002	17,255.000	Syd
0230	Approach, CI I, 6 inch	3070008	1,035.000	Syd
0240	Approach, CI II	3070021	460.000	Ton
0250	Shoulder, CI II, 5 inch	3070127	2,726.000	Syd
0260	_ Trenching, Modified	3077002	109.000	Sta
0270	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea

0280	Culv, CI E, 18 inch	4010541	64.000	Ft
0290	Culv, CI F, 12 inch	4010607	200.000	Ft
0300	Culv, CI F, 18 inch	4010609	250.000	Ft
0310	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0320	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0330	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0340	Underdrain, Subbase, 6 inch	4040063	2,500.000	Ft
0350	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0360	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0370	HMA Approach	5010061	205.000	Ton
0380	HMA, LVSP	5010703	5,370.000	Ton
0390	_ HMA Surface, Rem, Modified	5017011	1,163.000	Syd
0400	_ Spillway, HMA	5017011	45.000	Syd
0410	Driveway, Nonreinf Conc, 6 inch	8010005	220.000	Syd
0420	Curb and Gutter, Conc, Det B2	8020016	170.000	Ft
0430	Curb Sloped, HMA	8050010	1,177.000	Ft
0440	Guardrail, Type B	8070000	1,188.000	Ft
0450	Guardrail, Curved, Type B	8070010	25.000	Ft
0460	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea
0470	Guardrail Approach Terminal, Type 1B	8070040	9.000	Ea
0480	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0490	Guardrail Reflector	8070080	52.000	Ea
0500	Post, Mailbox	8070095	44.000	Ea
0510	Fence, Moving	8080120	163.000	Ft
0520	Post, Steel, 3 lb	8100371	322.000	Ft
0530	Sign, Type I, Rem	8100391	2.000	Ea
0540	Sign, Type II, Rem	8100397	3.000	Ea
0550	Sign, Type IIB	8100399	24.000	Sft
0560	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0570	Sign, Type III, Rem	8100403	23.000	Ea
0580	Sign, Type IIIA	8100404	13.000	Sft
0590	Sign, Type IIIB	8100405	103.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	84.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0620	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,135.000	Ft
0630	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,910.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0660	Dust Palliative, Applied	8120100	10.000	Ton
0670	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100.000	Ft

0710	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0730	Sign Cover	8120310	4.000	Ea
0740	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0750	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	988.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	988.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	124.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	124.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	Slope Restoration, Type B	8160101	15,215.000	Syd
0820	Slope Restoration, Type C	8160102	4,790.000	Syd
0830	Monument Box	8210001	2.000	Ea
0840	Monument Box Adjust	8210005	2.000	Ea
0850	_ Railroad Protection, Railroad Crossing	8507060	15,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 023

Letting Date: February 3, 2017

Contract ID: 76555-117028

Description: 1.24 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, drainage and pavement marking on State Road from Easton Road north to Johnstone Road, Shiawassee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
117028A	STP 1776(001)	YY0582	STL 76555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,300.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	44.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	55.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0100	_ Pavt, Rem, Modified	2047011	66.000	Syd
0110	Ditch Cleanout	2050006	10.000	Sta
0120	Embankment, CIP	2050010	4,077.000	Cyd
0130	Excavation, Earth	2050016	1,960.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0150	Erosion Control, Silt Fence	2080036	13,240.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0170	_ Aggregate Base, Modified	3027031	5,719.000	Ton
0180	HMA Base Crushing and Shaping	3050002	15,876.000	Syd
0190	Trenching	3070200	66.000	Sta
0200	_ Approach, CI II, Modified	3077031	305.000	Ton
0210	_ Shoulder, CI II, Modified	3077031	823.000	Ton
0220	Culv, CI E, Conc, 24 inch	4010576	57.000	Ft
0230	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	8.000	Ea
0240	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	1.000	Ea
0250	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	12.000	Ea
0260	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0270	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0280	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	7.000	Ea

0290	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	2.000	Ea
0300	_ Culv, CI A, 18 inch, Modified	4017001	48.000	Ft
0310	_ Culv, CI A, 24 inch, Modified	4017001	104.000	Ft
0320	_ Culv, CI F, 15 inch, Modified	4017001	174.000	Ft
0330	_ Culv, CI F, 18 inch, Modified	4017001	262.000	Ft
0340	_ Culv, CI F, 36 inch, Modified	4017001	44.000	Ft
0350	_ Sewer, CI A, 15 inch, Tr Det B, Modified	4027001	56.000	Ft
0360	_ Sewer, CI A, 24 inch, Tr Det B, Modified	4027001	480.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0380	Dr Structure Cover, Type G	4030040	2.000	Ea
0390	Dr Structure Cover, Type J	4030045	1.000	Ea
0400	Dr Structure, 48 inch dia	4030210	2.000	Ea
0410	Pavt, Cleaning	5010001	1.000	LSUM
0420	Pavt for Butt Joints, Rem	5010008	14.000	Syd
0430	HMA Approach	5010061	320.000	Ton
0440	HMA, LVSP	5010703	4,136.000	Ton
0450	Curb and Gutter, Conc, Det B2	8020016	557.000	Ft
0460	Shoulder Gutter, Conc, Det 2	8020056	8.000	Ea
0470	Spillway, Conc	8020075	31.000	Ft
0480	Post, Mailbox	8070095	6.000	Ea
0490	Post, Steel, 3 lb	8100371	298.000	Ft
0500	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0510	Sign, Type III, Rem	8100403	27.000	Ea
0520	Sign, Type IIIA	8100404	36.000	Sft
0530	Sign, Type IIIB	8100405	63.000	Sft
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,960.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,196.000	Ft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0620	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	634.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	634.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	37.000	Sft
0660	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	37.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Riprap, Plain	8130010	142.000	Syd
0690	_ Turf Establishment, Performance-No Rye, Special	8167011	35,045.000	Syd
0700	Monument Box	8210001	3.000	Ea
0710	Monument Preservation	8210010	3.000	Ea

0720	_ Dust Palliative, Applied, Modified	8507022	16,000.000	Gal
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Schedule of Pay Items

Report v1

Letting Call: 1702 024

Letting Date: February 3, 2017

Contract ID: 73555-123485

Description: 0.64 mi of hot mix asphalt removal and resurfacing, machine grading, aggregate base, aggregate shoulders, ditching, culvert replacement and pavement markings on North Street from Beaver Road east to Saginaw Street and on Beaver Road from North Street north to Townline Road in the village of St. Charles, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123485A	STP 1773(003)	RT0566	STL 73555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$53,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea
0050	Pavt, Rem	2040050	382.000	Syd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0080	_ Ditching, Modified	2057001	165.000	Ft
0090	_ Machine Grading, Modified	2057002	34.000	Sta
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	200.000	Ft
0120	Subbase, CIP	3010002	4,174.000	Cyd
0130	_ Aggregate Base, 6 inch, Modified	3027011	10,993.000	Syd
0140	Maintenance Gravel	3060020	300.000	Ton
0150	_ Approach, CI I, 6 inch, Modified	3077011	1,243.000	Syd
0160	_ Shoulder, CI II, 4 inch, Modified	3077011	1,830.000	Syd
0170	Culv End Sect, 12 inch	4010012	7.000	Ea
0180	Culv, CI A, 24 inch	4010134	8.000	Ft
0190	Culv, CI F, 12 inch	4010607	160.000	Ft
0200	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	2.000	Ea
0210	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	4.000	Ea
0220	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0250	Dr Structure Cover, Type B	4030010	1.000	Ea
0260	Dr Structure Cover, Type Q	4030065	9.000	Ea

0270	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0280	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0290	HMA Surface, Rem	5010005	8,659.000	Syd
0300	HMA Approach	5010061	319.000	Ton
0310	HMA, LVSP	5010703	2,372.000	Ton
0320	Post, Mailbox	8070095	32.000	Ea
0330	Post, Steel, 3 lb	8100371	167.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0350	Sign, Type III, Rem	8100403	16.000	Ea
0360	Sign, Type IIIA	8100404	7.000	Sft
0370	Sign, Type IIIB	8100405	53.000	Sft
0380	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	91.000	Ft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	18.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,607.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,311.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,607.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,311.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	272.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	272.000	Ft
0510	Plastic Drum, High Intensity, Furn	8120250	88.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	88.000	Ea
0530	Sign Cover	8120310	6.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	275.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	275.000	Sft
0560	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	297.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	297.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Riprap, Plain	8130010	10.000	Syd
0600	_ Slope Restoration, Modified	8167011	7,455.000	Syd
0610	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0620	Water Shutoff, Adj, Case 2	8230422	10.000	Ea
0630	Gate Box, Adj, Case 1	8230431	3.000	Ea
0640	Gate Box, Adj, Case 2	8230432	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 025

Letting Date: February 3, 2017

Contract ID: 77555-132612

Description: 4.33 mi of hot mix asphalt cold milling and resurfacing on Vincent Road from North River Road north to M-136 (Beard Road), St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132612A	STP 1777(001)	LL0467	STUL 77555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$48,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	370.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0040	_ Shoulder, CI II, Modified	3077031	50.000	Ton
0050	Cold Milling HMA Surface	5010002	64,200.000	Syd
0060	Hand Patching	5010025	20.000	Ton
0070	HMA, 5E3	5010057	5,565.000	Ton
0080	Guardrail Approach Terminal, Type 1B	8070040	10.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,752.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,648.000	Ft
0110	Channelizing Device, 42 inch, Furn	8120030	600.000	Ea
0120	Channelizing Device, 42 inch, Oper	8120031	600.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,652.000	Ft
0170	Sign Cover	8120310	5.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	342.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	342.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0210	_ Monument Box, Special	8127050	17.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1702 026

Letting Date: February 3, 2017

Contract ID: 29433-132019

Description: 0.37 mi of hot mix asphalt surfacing, pavement removal, concrete curb, gutter, sidewalk and ramps, grading, subbase, aggregate base, drainage, storm and sanitary sewer and watermain on Prospect Street from Corinth Street to Main Street and on Corinth Street from Prospect Street to Olive Road in the city of St. Louis, Gratiot County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132019A	STP 1729(004)	HK1303	STUL 29433

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$82,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	8.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	592.000	Ft
0040	Curb and Gutter, Rem	2040020	274.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0060	Sidewalk, Rem	2040055	1,182.000	Syd
0070	_ Pavt, Rem, Modified	2047011	6,196.000	Syd
0080	_ Machine Grading, Modified	2057002	20.000	Sta
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0100	Erosion Control, Silt Fence	2080036	350.000	Ft
0110	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0120	Subbase, CIP	3010002	2,255.000	Cyd
0130	Aggregate Base, 6 inch	3020016	6,411.000	Syd
0140	Culv End Sect, 15 inch	4010015	1.000	Ea
0150	Sewer, Cl A, 12 inch, Tr Det A	4020004	10.000	Ft
0160	Sewer, Cl A, 15 inch, Tr Det A	4020005	65.000	Ft
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	838.000	Ft
0180	Sewer, Cl A, 15 inch, Tr Det B	4020034	87.000	Ft
0190	Sewer Tap, 8 inch	4021202	10.000	Ea
0200	Sewer Tap, 12 inch	4021204	1.000	Ea
0210	Video Taping Sewer and Culv Pipe	4021275	1,017.000	Ft
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure Cover, Type D	4030025	1.000	Ea
0240	Dr Structure Cover, Type K	4030050	10.000	Ea
0250	Dr Structure, 48 inch dia	4030210	12.000	Ea
0260	_ Sanitary Structure Cover, Adj, Case 2	4037050	6.000	Ea
0270	Underdrain, Subbase, 6 inch	4040063	3,105.000	Ft

0280	HMA Approach	5010061	321.000	Ton
0290	HMA, LVSP	5010703	1,224.000	Ton
0300	Driveway, Nonreinf Conc, 6 inch	8010005	512.000	Syd
0310	Curb and Gutter, Conc, Det F4	8020038	3,930.000	Ft
0320	Detectable Warning Surface	8030010	74.000	Ft
0330	Sidewalk Ramp, Conc, 4 inch	8030034	942.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	13,392.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	1,266.000	Sft
0360	_ Wheel Stop, Conc	8047050	16.000	Ea
0370	_ Bollard	8077050	3.000	Ea
0380	Post, Steel, 3 lb	8100371	238.000	Ft
0390	Sign, Type III, Rem	8100403	8.000	Ea
0400	Sign, Type IIIA	8100404	57.000	Sft
0410	Sign, Type IIIB	8100405	45.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	114.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,304.000	Ft
0440	Pavt Mrkg, Waterborne, 6 inch, White	8110233	374.000	Ft
0450	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0460	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0490	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	468.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	468.000	Sft
0520	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	17.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	17.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	_ Riprap, Plain, Modified	8137021	31.000	Cyd
0560	_ Turf Establishment, Performance	8167011	4,000.000	Syd
0570	_ Seeding, Grassy Swale	8167012	0.010	Acre
0580	Water Main, 4 inch, Cut and Plug	8230130	1.000	Ea
0590	Water Main, 6 inch, Cut and Plug	8230131	6.000	Ea
0600	Water Serv	8230240	5.000	Ea
0610	Water Serv, Long	8230245	16.000	Ea
0620	Live Tap, 8 inch by 12 inch	8230264	1.000	Ea
0630	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	9.000	Ft
0640	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	2,118.000	Ft
0650	_ Fire Hydrant, Modified	8237050	5.000	Ea
0660	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
0670	_ Gate Valve and Box, 8 inch, Modified	8237050	5.000	Ea
0680	_ Sanitary Sewer, Service Lead, 4 inch	8507001	563.000	Ft
0690	_ Block Wall, Landscape, Nonreinf	9147010	22.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 1702 027

Letting Date: February 3, 2017

Contract ID: 84924-131878

Description: Application of longitudinal, permanent pavement markings on various routes, Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, Shiawassee, St. Clair and Tuscola Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131878A	HSIP 1784(041)	KK4244	HSIP 84924

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$297,600.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	959,000.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,500,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,735,000.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,080,000.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	532,500.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,329,500.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,805,000.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,950,200.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,970,500.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,000.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	5,300.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	94,000.000	Ft
0160	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	3,500.000	Ft
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	15,000.000	Ft
0190	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1702 028

Letting Date: February 3, 2017

Contract ID: 45071-129963

Description: 8.75 mi of concrete pavement and joint repairs with joint sealing on M-22 from south of East Lakeview Hills Road to north of 4th Street in the village of Suttons Bay, Leelanau County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129963A	STP 1745(001)	HK1340	ST 45071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$140,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	5,115.000	Syd
0030	Hand Patching	5010025	200.000	Ton
0040	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	3,787.000	Syd
0050	Joint, Contraction, Cp	6020200	4,807.000	Ft
0060	Cement	6030005	280.000	Ton
0070	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0080	Joint, Contraction, Crg	6030020	13,635.000	Ft
0090	Joint, Expansion, Erg	6030021	1,017.000	Ft
0100	Pavt Repr, Nonreinf Conc, 9 inch	6030046	9,516.000	Syd
0110	Pavt Repr, Rem	6030080	8,188.000	Syd
0120	Saw Cut, Intermediate	6030090	8,162.000	Ft
0130	Resealing Trans Joints with Hot-Poured Rubber	6030100	20,500.000	Ft
0140	Resealing Longit Joints with Hot-Poured Rubber	6030101	40,150.000	Ft
0150	Channelizing Device, 42 inch, Furn	8120030	1,000.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	1,000.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0190	Ltg for Night Work	8120160	1.000	LSUM
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	5,500.000	Ft
0220	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	5,500.000	Ft
0230	Sign Cover	8120310	4.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	802.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	802.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	128.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	128.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 029

Letting Date: February 3, 2017

Contract ID: 61012-110686

Description: 0.70 mi of hot mix asphalt resurfacing, concrete pavement rubblizing, earthwork, drainage, watermain, and pavement markings on M-120 from Whitehall Road east to Mid-Michigan Railroad in the city of North Muskegon, Muskegon County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110686A	CM 1761(004)	HK1333	CM 61012
118164A	NH 1761(005)	HK1334	NH 61012
123327A	HSIP 1761(003)	KK4239	HSIP 61012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$197,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Dr Structure, Rem	2030011	13.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	2,254.000	Ft
0060	_ Monitoring Well, Adjust	2037050	10.000	Ea
0070	Curb and Gutter, Rem	2040020	2,020.000	Ft
0080	Guardrail, Rem	2040035	106.000	Ft
0090	Pavt, Rem	2040050	6,606.000	Syd
0100	_ Bollard, Rem	2047050	3.000	Ea
0110	Embankment, CIP	2050010	3,184.000	Cyd
0120	Excavation, Earth	2050016	8,554.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	800.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	61.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0180	Erosion Control, Silt Fence	2080036	673.000	Ft
0190	Aggregate Base, 8 inch	3020020	12,972.000	Syd
0200	Pavt, Rubblize	3040001	5,740.000	Syd
0210	Aggregate, Filler	3040010	50.000	Ton
0220	Maintenance Gravel	3060020	80.000	Ton
0230	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0240	Dr Marker Post	4011109	1.000	Ea

0250	Sewer, CI A, 12 inch, Tr Det B	4020033	1,755.000	Ft
0260	Sewer, CI A, 15 inch, Tr Det B	4020034	220.000	Ft
0270	Sewer, CI A, 18 inch, Tr Det B	4020035	347.000	Ft
0280	Sewer, CI A, 24 inch, Tr Det B	4020036	2,135.000	Ft
0290	Dewatering System, Trench	4021265	382.000	Ft
0300	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0310	Dr Structure Cover, Type D	4030025	7.000	Ea
0320	Dr Structure Cover, Type K	4030050	41.000	Ea
0330	Dr Structure, 24 inch dia	4030200	11.000	Ea
0340	Dr Structure, 48 inch dia	4030210	35.000	Ea
0350	Dr Structure, 60 inch dia	4030220	2.000	Ea
0360	Dr Structure, 72 inch dia	4030230	1.000	Ea
0370	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	6.000	Ft
0380	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	27.000	Ft
0390	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	6.000	Ft
0400	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0410	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0420	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0430	Underdrain, Subbase, 6 inch	4040063	7,040.000	Ft
0440	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0450	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0460	Cold Milling HMA Surface	5010002	1,290.000	Syd
0470	HMA Surface, Rem	5010005	15,840.000	Syd
0480	HMA Quality Initiative	5010007	14,172.000	Dlr
0490	Longitudinal Joint Density Quality Initiative	5010018	25,567.000	Dlr
0500	Hand Patching	5010025	332.000	Ton
0510	HMA, 4E3	5010051	2,940.000	Ton
0520	HMA, 5E3	5010057	2,425.000	Ton
0530	HMA Approach	5010061	549.000	Ton
0540	HMA, 4E3, High Stress	5010509	356.000	Ton
0550	HMA, 5E3, High Stress	5010515	380.000	Ton
0560	Conc Pavt, Nonreinf, 8 inch	6020104	597.000	Syd
0570	Joint, Expansion, E3	6020208	55.000	Ft
0580	Cold Milling Conc Pavt	6030014	3,200.000	Syd
0590	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	170.000	Syd
0600	Curb, Conc, Det E2	8020002	130.000	Ft
0610	Curb and Gutter, Bridge Approach	8020010	33.000	Ft
0620	Curb and Gutter, Conc, Det B2	8020016	435.000	Ft
0630	Curb and Gutter, Conc, Det F4	8020038	6,049.000	Ft
0640	Driveway Opening, Conc, Det M	8020050	1,392.000	Ft
0650	Sidewalk, Conc, 6 inch	8030046	285.000	Sft
0660	Guardrail, Type B	8070000	1,053.000	Ft
0670	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea

0680	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0690	Guardrail, Salv	8070075	1,316.000	Ft
0700	Guardrail Reflector	8070080	44.000	Ea
0710	Post, Mailbox	8070095	7.000	Ea
0720	Post, Steel, 3 lb	8100371	650.000	Ft
0730	Post, Wood, 4 inch by 6 inch	8100380	150.000	Ft
0740	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0750	Sign, Type II, Rem	8100397	8.000	Ea
0760	Sign, Type III, Erect, Salv	8100402	35.000	Ea
0770	Sign, Type III, Rem	8100403	41.000	Ea
0780	Sign, Type IIIB	8100405	74.000	Sft
0790	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	580.000	Ft
0800	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	124.000	Ft
0810	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0820	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0830	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0850	Pavt Mrkg, Waterborne, 4 inch, White	8110231	880.000	Ft
0860	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,915.000	Ft
0870	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	880.000	Ft
0880	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,915.000	Ft
0890	Rem Spec Mrkg	8110343	212.000	Sft
0900	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0910	Recessing Pavement Markings, Longit	8110450	9,795.000	Ft
0920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0940	Minor Traf Devices	8120170	1.000	LSUM
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,360.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	7,360.000	Ft
0970	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0980	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0990	Sign, Type B, Temp, Prismatic, Furn	8120350	526.000	Sft
1000	Sign, Type B, Temp, Prismatic, Oper	8120351	526.000	Sft
1010	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	65.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	65.000	Sft
1030	Traf Regulator Control	8120370	1.000	LSUM
1040	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
1050	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
1060	Riprap, Plain	8130010	5.000	Syd
1070	Site Preparation, Max \$500.00	8150001	1.000	LSUM

1080	Watering and Cultivating, First Season, Min \$300.00	8150002	1.000	LSUM
1090	Watering and Cultivating, Second Season, Min \$400.00	8150003	1.000	LSUM
1100	Malus 'Prairie Fire', 2 inch	8152315	3.000	Ea
1110	Syringa reticulata 'Ivory Silk', 1 3/4 inch	8153717	3.000	Ea
1120	Sodding	8160055	2,170.000	Syd
1130	Topsoil Surface, Furn, 2 inch	8160060	2,170.000	Syd
1140	Water, Sodding/Seeding	8160090	3.000	Unit
1150	Slope Restoration, Type A	8160100	5,765.000	Syd
1160	Slope Restoration, Type B	8160101	3,440.000	Syd
1170	Monument Preservation, Vertical	8210015	1.000	Ea
1180	Fire Hydrant	8230040	2.000	Ea
1190	Gate Valve and Box, 4 inch	8230050	1.000	Ea
1200	Gate Valve and Box, 6 inch	8230051	4.000	Ea
1210	Gate Valve and Box, 8 inch	8230052	1.000	Ea
1220	Hydrant, Rem	8230091	2.000	Ea
1230	Water Main, DI, 6 inch, Tr Det G	8230151	70.000	Ft
1240	Water Main, DI, 8 inch, Tr Det G	8230156	1,228.000	Ft
1250	Water Main, DI, 12 inch, Tr Det G	8230166	65.000	Ft
1260	Water Serv	8230240	3.000	Ea
1270	Water Serv, Long	8230245	1.000	Ea
1280	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	350.000	Ft
1290	_ Flushing Hydrant	8237050	1.000	Ea
1300	Contractor Staking	8240001	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr
1340	Flowable Fill, Non-Structural	8260148	16.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 1702 030

Letting Date: February 3, 2017

Contract ID: 33051-130036

Description: 4.25 mi of multi-course microsurfacing, shoulder and centerline corrugations and pavement markings on M-52 from I-96 to Howell Road, Ingham County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130036A	STP 1733(006)	HK1336	ST 33051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	530.000	Ton
0040	Overband Crack Fill, Lane	5020003	10.000	Lnmi
0050	Micro-Surface, Warranty	5040030	240,100.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,700.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,000.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	47,080.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,700.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,000.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	47,080.000	Ft
0120	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0130	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0140	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	58,735.000	Ft
0190	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0210	Sign Cover	8120310	5.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	713.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	713.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0260	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea

0270	Monument Preservation	8210010	3.000	Ea
0280	Shoulder Corrugations, Ground or Cut, HMA	8220001	32,250.000	Ft
0290	Centerline Corrugations, Milled, HMA	8220013	20,050.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1702 031

Letting Date: February 3, 2017

Contract ID: 41131-123339

Description: 7.08 mi of upgrading luminaire heads on US-131 from M-11 (28th Street) northerly to I-96 in the cities of Wyoming, Grand Rapids, and Walker, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123339A	NH 1741(012)	HK1337	NH 41131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,799.22	1500001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0030	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0060	Ltg for Night Work	8120160	1.000	LSUM
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Mobile Attenuator	8120180	2.000	Ea
0090	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0100	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0110	Sign Cover	8120310	10.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	1,984.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	1,984.000	Sft
0140	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0150	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0160	Cable, Equipment Grounding Wire, 1/C#10	8190238	17,855.000	Ft
0170	Light Std Arm, Rem	8190277	81.000	Ea
0180	Luminaire, Rem	8190360	334.000	Ea
0190	_ Luminaire, Median	8197050	89.000	Ea
0200	_ Luminaire, Ramp	8197050	126.000	Ea
0210	_ Luminaire, Shoulder	8197050	110.000	Ea
0220	_ Luminaire, Overpass	8197050	9.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 032

Letting Date: February 3, 2017

Contract ID: 84922-131891

Description: Application of special pavement markings on various routes, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Leelanau, Manistee, Missaukee, Otsego and Roscommon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131891A	HSIP 1784(039)	KK4241	HSIP 84922

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$34,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	300.000	Mi
0030	Call Back, Mobilization	8110011	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,283.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,096.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	328.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Xing	8110047	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	15.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	6.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	25.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	424.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	215.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	27.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	10.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	182.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow	8110073	2.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, School	8110074	52.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Stop	8110075	2.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	17.000	Ea

0240	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	10.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	16.000	Ea
0260	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	13,600.000	Ft
0270	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	5,000.000	Ft
0280	Pavt Mrkg, Polyurea, 12 inch, White	8110111	240.000	Ft
0290	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	11,650.000	Ft
0300	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	23.000	Ea
0310	Rem Spec Mrkg	8110343	6,800.000	Sft
0320	Recessing Pavt Mrkg, Turning Guide Line	8110452	212.000	Sft
0330	Protective Ovly, Snowmobile Trail Crossing	8110550	692.000	Syd
0340	_ Scarification, for Polyurea Spec Mrkg	8117010	26,870.000	Sft
0350	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0360	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0390	Ltg for Night Work	8120160	1.000	LSUM
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 033

Letting Date: February 3, 2017

Contract ID: 84925-131894

Description: Application of special pavement markings on various routes, Berrien, Cass and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131894A	HSIP 1784(043)	KK4245	HSIP 84925

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$42,300.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	3.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	17,500.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	200.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,076.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	6,450.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	11,000.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	109.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	32.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	40.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	394.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	109.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	400.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	71.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	46.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	235.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, School	8110074	64.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	9.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	5.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, Yellow	8110082	292.000	Ft
0230	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	16.000	Ea
0240	Rem Spec Mrkg	8110343	89,300.000	Sft

0250	Recessing Pavement Markings, Transv	8110451	50.000	Sft
0260	Recessing Pavt Mrkg, Turning Guide Line	8110452	400.000	Sft
0270	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 034

Letting Date: February 3, 2017

Contract ID: 84923-131883

Description: Application of permanent pavement markings on various routes, Lake, Mecosta, Montcalm, Newaygo and Osceola Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131883A	HSIP 1784(040)	KK4243	HSIP 84923

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	5.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	295.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	782.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	111.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	466.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	38.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	19.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	285.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	108.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	9.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	6.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	166.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow	8110073	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, School	8110074	56.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	14,533.000	Ft
0220	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
0230	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	4,912.000	Ft
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	7,080.000	Ft

0250	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	27.000	Ea
0260	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	500.000	Ft
0270	Rem Spec Mrkg	8110343	53,400.000	Sft
0280	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0290	Pavt Mrkg, Polyurea, Only	8110410	5.000	Ea
0300	Recessing Pavt Mrkg, Turning Guide Line	8110452	250.000	Sft
0310	Protective Ovly, Snowmobile Trail Crossing	8110550	889.000	Syd
0320	_ Scarification, for Polyurea Spec Mrkg	8117010	5,000.000	Sft
0330	Minor Traf Devices	8120170	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 035

Letting Date: February 3, 2017

Contract ID: 11021-130295

Description: Concrete culvert replacement, approach reconstruction, concrete curb and gutter, sewer, drainage, corrugations, guardrail, pavement markings, and temporary signals on US-12 over Deer Creek in Three Oaks Township, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130295A	STP 1711(010)	HK1338	ST 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$173,700.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Guardrail, Rem	2040035	670.000	Ft
0070	Pavt, Rem	2040050	1,700.000	Syd
0080	Embankment, CIP	2050010	705.000	Cyd
0090	Excavation, Earth	2050016	3,277.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	10.000	Cyd
0120	Erosion Control, Check Dam, Stone	2080012	72.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0150	Erosion Control, Sediment Trap	2080034	10.000	Ea
0160	Erosion Control, Silt Fence	2080036	900.000	Ft
0170	Subbase, CIP	3010002	1,676.000	Cyd
0180	Aggregate Base, 6 inch	3020016	2,850.000	Syd
0190	Shoulder, CI II, 6 inch	3070128	385.000	Syd
0200	Culv End Sect, 18 inch	4010018	1.000	Ea
0210	Culv End Sect, 24 inch	4010024	2.000	Ea
0220	Culv, CI F, 18 inch	4010609	48.000	Ft
0230	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0240	Dr Marker Post	4011109	4.000	Ea
0250	Sewer, CI A, 24 inch, Tr Det A	4020007	56.000	Ft
0260	Dr Structure Cover, Type G	4030040	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	1.000	Ea

0280	Bump Grinding	5010004	40.000	Syd
0290	HMA Surface, Rem	5010005	2,620.000	Syd
0300	Longitudinal Joint Density Quality Initiative	5010018	5,140.000	Dlr
0310	Hand Patching	5010025	55.000	Ton
0320	HMA, 3E3	5010045	430.000	Ton
0330	HMA, 4E3	5010051	290.000	Ton
0340	HMA, 5E3	5010057	215.000	Ton
0350	HMA Approach	5010061	15.000	Ton
0360	_ High Performance Biaxial Geogrid	7007011	1,185.000	Syd
0370	_ Valley Gutter, Conc, 9 inch, Modified	8027001	46.000	Ft
0380	_ Curb and Gutter, Bridge Approach, Modified	8027001	102.000	Ft
0390	Guardrail, Type B	8070000	425.000	Ft
0400	Guardrail, Curved, Type B	8070010	25.000	Ft
0410	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0420	Guardrail Approach Terminal, Type 1B	8070040	2.000	Ea
0430	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0440	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0450	Guardrail Reflector	8070080	18.000	Ea
0460	Post, Mailbox	8070095	2.000	Ea
0470	Delineator Reflector	8100130	4.000	Ea
0480	Post, Delineator	8100350	4.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	150.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,200.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	150.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,200.000	Ft
0530	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0540	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0550	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0560	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
0570	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0580	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0590	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
0600	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0610	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0620	Conc Barrier Reflector Replacement	8120070	30.000	Ea
0630	Conc Barrier, Temp, Adj	8120080	1,110.000	Ft
0640	Conc Barrier, Temp, Furn	8120081	720.000	Ft
0650	Conc Barrier, Temp, Oper	8120082	720.000	Ft
0660	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM
0690	Mobile Attenuator	8120180	1.000	Ea
0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,690.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120245	1,560.000	Ft

	White, Temp			
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,520.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0750	Sign Cover	8120310	2.000	Ea
0760	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0770	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	443.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	443.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	_ Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8127001	180.000	Ft
0820	_ Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8127001	180.000	Ft
0830	_ Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8127001	180.000	Ft
0840	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0850	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0860	_ Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8127050	10.000	Ea
0870	_ Turf Establishment, Performance	8167011	1,200.000	Syd
0880	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea
0890	Luminaire, Rem	8190360	2.000	Ea
0900	Wood Pole, Cl 4, 40 foot	8190473	7.000	Ea
0910	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0920	Wood Pole, Rem	8190505	7.000	Ea
0930	_ Overhead, #4 Alum Triplex with #4 ACSRNeutral	8197001	750.000	Ft
0940	_ Overhead, Rem	8197001	750.000	Ft
0950	_ Luminaire, 150W High Pressure Sodium,Spec	8197050	2.000	Ea
0960	Controller and Cabinet, Rem	8200030	1.000	Ea
0970	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0980	Metered Serv	8200090	1.000	Ea
0990	Metered Serv, Rem	8200095	1.000	Ea
1000	Power Co. (Est. Cost to Contractor)	8200116	1,500.000	Dlr
1010	Serv Disconnect	8200135	1.000	Ea
1020	Serv Disconnect, Rem	8200136	1.000	Ea
1030	Span Wire	8200140	6.000	Ea
1040	Span Wire, Rem	8200141	6.000	Ea
1050	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
1060	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1070	Wireless Vehicle Detection System	8200422	1.000	Ea
1080	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
1090	Wireless Vehicle Sensor Node	8200425	8.000	Ea
1100	Wireless Vehicle Sensor Node, Rem	8200426	8.000	Ea
1110	Case Sign, Non-Illuminated, Rem	8200432	2.000	Ea
1120	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea

1130	Centerline Corrugations, Milled, HMA	8220013	575.000	Ft
1140	Contractor Staking	8240001	1.000	LSUM
1150	Staking Plan Errors and Extras, One Person	8240020	14.000	Hr
1160	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1170	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

Section: 2

1180	Culv, Rem, Over 48 inch	2030003	3.000	Ea
1190	Structures, Rem (C01 of 11021)	2040060	1.000	LSUM
1200	Excavation, Channel	2050015	370.000	Cyd
1210	Granular Material, CI III	2050024	470.000	Cyd
1220	_ Granular Material, CI IIIA	2057021	29.000	Cyd
1230	Backfill, Structure, CIP	2060002	2,997.000	Cyd
1240	Excavation, Fdn	2060010	2,238.000	Cyd
1250	Erosion Control, Filter Bag	2080014	4.000	Ea
1260	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
1270	Erosion Control, Sand Bag	2080028	645.000	Ea
1280	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	780.000	Syd
1290	Geotextile, Separator	3080005	563.000	Syd
1300	Culv, CI A, CSP, 96 inch	4010214	192.000	Ft
1310	Underdrain, Fdn, 6 inch	4040033	184.000	Ft
1320	Underdrain Outlet, 6 inch	4040093	24.000	Ft
1330	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
1340	Culv Bedding, Box Culv	4060005	68.000	Cyd
1350	_ Culv, Precast Conc Box, 20 foot by 10 foot	4067001	48.000	Ft
1360	_ Steel Sheet Piling, Temp, Special	7047010	1,168.000	Sft
1370	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	2,720.000	Sft
1380	_ Cofferdams, Left in Place, Special (C01 of 11021)	7047051	1.000	LSUM
1390	Reinforcement, Steel, Epoxy Coated	7060092	13,312.000	Lb
1400	Substructure Conc, High Performance	7060101	74.000	Cyd
1410	Joint Waterproofing	7100001	86.000	Sft
1420	_ Geotextile, Retaining Wall, Temp	8007011	7.000	Syd
1430	Riprap, Plain	8130011	563.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 1702 036

Letting Date: February 3, 2017

Contract ID: 84925-128736

Description: 93.32 mi of hot mix asphalt crack treatment on various trunkline routes in the village of Lawton and cities of Kalamazoo and St. Joseph, Berrien, Calhoun, Cass, Kalamazoo and Van Buren Counties.
This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128736A	STP 1784(042)	HK1345	ST 84925

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane, Warranty	5020027	93.400	Lnmi
0030	HMA Crack Treatment, Ramp, Warranty	5020028	0.600	Lnmi
0040	_ Overband Crack Fill, Carpool Parking Lot	5027011	3,300.000	Syd
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	991.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	67,815.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	83,016.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	300.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	44,992.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	53,294.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	168,309.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	126,857.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	4,300.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	360.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,273.000	Ft
0160	Channelizing Device, 42 inch, Furn	8120030	500.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	500.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0230	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0240	Sign Cover	8120310	8.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea

0270	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0280	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0360	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0370	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1702 037

Letting Date: February 3, 2017

Contract ID: 80031-116299

Description: 0.24 mi of cold milling and hot mix asphalt widening for center left-turn lanes, right/through lanes and shoulder reconstruction, intersection improvements, concrete curb, gutter, sidewalk, driveway, sewer, culverts, drainage, signing and pavement markings on I-196BL at Blue Star Highway, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116299A	HSIP 1780(003)	KK4242	HSIP 80031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$52,561.94	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	68.000	Ft
0050	Curb and Gutter, Rem	2040020	262.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0070	Pavt, Rem	2040050	151.000	Syd
0080	Exploratory Investigation, Vertical	2040080	10.000	Ft
0090	Embankment, CIP	2050010	395.000	Cyd
0100	Excavation, Earth	2050016	3,258.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	30.000	Cyd
0130	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0150	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0170	Erosion Control, Silt Fence	2080036	650.000	Ft
0180	Subbase, CIP	3010002	237.000	Cyd
0190	Aggregate Base, 6 inch	3020016	6,235.000	Syd
0200	_ Driveway Maintenance, Commercial	3067050	3.000	Ea
0210	_ Intersection Maintenance	3067050	3.000	Ea
0220	Approach, CI II	3070021	11.000	Ton
0230	Shoulder, CI II, 6 inch	3070128	493.000	Syd
0240	Culv End Sect, 12 inch	4010012	5.000	Ea
0250	Culv, CI E, 12 inch	4010539	33.000	Ft
0260	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	1.000	Ea

0270	Dr Marker Post	4011109	11.000	Ea
0280	_ Culvert Cleanout	4017001	41.000	Ft
0290	Sewer, CI E, 12 inch, Tr Det B	4020600	133.000	Ft
0300	Sewer, CI IV, 12 inch, Tr Det B	4020987	22.000	Ft
0310	Sewer, CI IV, 18 inch, Tr Det B	4020989	19.000	Ft
0320	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0330	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0340	Dr Structure Cover, Type B	4030010	3.000	Ea
0350	Dr Structure Cover, Type E	4030035	1.000	Ea
0360	Dr Structure Cover, Type G	4030040	1.000	Ea
0370	Dr Structure Cover, Type J	4030045	1.000	Ea
0380	Dr Structure, 24 inch dia	4030200	1.000	Ea
0390	Dr Structure, 48 inch dia	4030210	2.000	Ea
0400	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0410	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0420	_ Dr Structure, 60 inch dia, Modified	4037050	1.000	Ea
0430	Pavt, Cleaning	5010001	1.000	LSUM
0440	Cold Milling HMA Surface	5010002	3,664.000	Syd
0450	HMA Surface, Rem	5010005	5,222.000	Syd
0460	HMA Quality Initiative	5010007	4,164.000	Dlr
0470	Longitudinal Joint Density Quality Initiative	5010018	13,992.000	Dlr
0480	Hand Patching	5010025	10.000	Ton
0490	HMA, 5E3	5010057	401.000	Ton
0500	HMA Approach	5010061	1,671.000	Ton
0510	Driveway, Nonreinf Conc, 8 inch	8010007	150.000	Syd
0520	Curb and Gutter, Conc, Det B2	8020016	802.000	Ft
0530	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0540	Spillway, Conc	8020075	15.000	Ft
0550	Sidewalk, Conc, 6 inch	8030046	338.000	Sft
0560	Post, Mailbox	8070095	2.000	Ea
0570	Delineator Reflector	8100130	13.000	Ea
0580	Post, Delineator	8100350	13.000	Ea
0590	Post, Steel, 3 lb	8100371	67.000	Ft
0600	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0610	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0620	Sign, Type II, Rem	8100397	1.000	Ea
0630	Sign, Type IIB	8100399	10.000	Sft
0640	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0650	Sign, Type III, Rem	8100403	8.000	Ea
0660	Sign, Type IIIB	8100405	8.000	Sft
0670	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	241.000	Ft
0680	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0710	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	570.000	Ft

0720	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	4,675.000	Ft
0730	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,300.000	Ft
0740	Rem Spec Mrkg	8110343	318.000	Sft
0750	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0760	Recessing Pavement Markings, Longit	8110450	9,545.000	Ft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0790	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0800	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0810	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0820	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0830	Minor Traf Devices	8120170	1.000	LSUM
0840	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,900.000	Ft
0850	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,400.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,400.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,350.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,550.000	Ft
0890	Sign Cover	8120310	6.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	983.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	983.000	Sft
0920	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	71.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	71.000	Sft
0940	Traf Regulator Control	8120370	1.000	LSUM
0950	_ Delineator, Panels, Temp, Furn	8127050	16.000	Ea
0960	_ Delineator, Panels, Temp, Oper	8127050	16.000	Ea
0970	Riprap, Plain	8130010	24.000	Syd
0980	Slope Restoration, Type B	8160101	3,650.000	Syd
0990	Case Sign, Rem	8200020	1.000	Ea
1000	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
1010	Monument Preservation	8210010	1.000	Ea
1020	Protect Corners	8210020	3.000	Ea
1030	Gate Box, Adj, Case 1	8230431	2.000	Ea
1040	Gate Box, Adj, Case 2	8230432	2.000	Ea
1050	_ Gate Well Modify	8237050	1.000	Ea
1060	Contractor Staking, Road Only	8240007	1.000	LSUM
1070	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
1080	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
1090	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 038

Letting Date: February 3, 2017

Contract ID: 33051-129175

Description: 6.91 mi of overband crack filling pre-treatment, single-course chip sealing and pavement markings on M-52 from M-43 to the Shiawassee county line, Ingham County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129175A	STP 1733(007)	HK1346	ST 33051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	650.000	Ton
0030	Overband Crack Fill, Lane	5020003	14.200	Lnmi
0040	Chip Seal, Single, Warranty	5050040	127,000.000	Syd
0050	_ Seal, Fog	5057011	127,000.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	47.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,300.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75,900.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	600.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,300.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,900.000	Ft
0150	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Furn	8120030	96.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	96.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, High Intensity, Furn	8120250	15.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	15.000	Ea
0230	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,650.000	Ea
0240	Sign Cover	8120310	10.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	616.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	616.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0290	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 039

Letting Date: February 3, 2017

Contract ID: 66023-128731

Description: 51.53 mi of single and double chip sealing, gravel shoulders, and pavement markings at various locations on US-45, M-28, and M-64, Gogebic and Ontonagon Counties. This project includes two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128731A	NH 1766(001)	HK1350	NH 66023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$433,900.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	156.000	Sta
0030	Aggregate Base	3020001	140.000	Ton
0040	Shoulder, CI II	3070121	35,600.000	Ton
0050	Trenching	3070200	50.000	Sta
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	HMA Surface, Rem	5010005	1,667.000	Syd
0080	HMA Quality Initiative	5010007	5,170.000	Dlr
0090	Edge Trimming	5010009	5,000.000	Ft
0100	Longitudinal Joint Density Quality Initiative	5010018	9,350.000	Dlr
0110	Hand Patching	5010025	75.000	Ton
0120	HMA, LVSP	5010703	2,510.000	Ton
0130	Overband Crack Fill, Lane	5020003	47.170	Lnmi
0140	Chip Seal, Double, Warranty	5050020	880,200.000	Syd
0150	Chip Seal, Single, Warranty	5050040	93,600.000	Syd
0160	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	270.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,650.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	155,100.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	539,230.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,650.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	155,100.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	539,230.000	Ft
0240	Rem Spec Mrkg	8110343	2,680.000	Sft
0250	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0260	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0270	Pavt Mrkg, Thermopl, Rumble Strip	8110470	2,688.000	Ft

0280	Protective Ovly, Snowmobile Trail Crossing	8110550	288.000	Syd
0290	_ Traffic Control	8127051	1.000	LSUM
0300	Fertilizer, Chemical Nutrient, CI A	8160020	486.000	Lb
0310	Mulch	8160025	6,220.000	Syd
0320	Mulch Anchoring	8160026	6,220.000	Syd
0330	Mulch Blanket	8160027	2,080.000	Syd
0340	Mulch Blanket, High Velocity	8160028	2,080.000	Syd
0350	Seeding, Mixture THV	8160040	469.000	Lb
0360	Centerline Corrugations, Milled, HMA	8220013	9,350.000	Ft
0370	_ Railroad Protection, at Grade Crossing	8507060	4,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 040

Letting Date: February 3, 2017

Contract ID: 17042-130033

Description: 11.11 mi of hot mix asphalt crack treatment, double chip sealing, aggregate shoulders and permanent pavement markings on M-48 from Mackinac Trail to M-129, Chippewa County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130033A	STP 1717(004)	HK1352	ST 17042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$93,300.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0030	Shoulder, CI II	3070121	4,971.000	Ton
0040	HMA Crack Treatment, Lane	5020005	21.870	Lnmi
0050	Chip Seal, Double, Warranty	5050020	187,815.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	270.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,720.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	116,151.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	270.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,720.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	116,151.000	Ft
0120	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0130	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0140	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0150	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	1.000	Ea
0160	Pavt Mrkg, Thermopl, Rumble Strip	8110470	626.000	Ft
0170	Protective Ovly, Snowmobile Trail Crossing	8110550	94.000	Syd
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	Plastic Drum, High Intensity, Furn	8120250	110.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	110.000	Ea
0230	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,287.000	Ea
0240	Sign Cover	8120310	38.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,901.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,901.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Monument Box	8210001	3.000	Ea
0290	Monument Box Adjust	8210005	19.000	Ea
0300	Monument Preservation	8210010	22.000	Ea
0310	Contractor Staking, Road Only	8240007	1.000	LSUM
0320	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0330	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0340	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 041

Letting Date: February 3, 2017

Contract ID: 78052-130011

Description: 7.54 mi of double chip sealing, hand patching, overband crack filling and pavement marking on M-66 from Lafayette Street to M-86 (Centreville Road) in the city of Sturgis, St. Joseph County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130011A	STP 1778(003)	HK1351	ST 78052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$78,300.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0030	Hand Patching	5010025	10.000	Ton
0040	Overband Crack Fill, Lane	5020003	16.050	Lnmi
0050	Chip Seal, Double, Warranty	5050020	199,200.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	160.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	37,600.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	78,800.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	160.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	37,600.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	78,800.000	Ft
0130	Rem Spec Mrkg	8110343	77.000	Sft
0140	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0150	Channelizing Device, 42 inch, Furn	8120030	800.000	Ea
0160	Channelizing Device, 42 inch, Oper	8120031	800.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,620.000	Ea
0210	Sign Cover	8120310	10.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	1,480.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	1,480.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM
0250	Monument Box	8210001	12.000	Ea
0260	Monument Box Adjust	8210005	7.000	Ea

0270	Monument Preservation	8210010	12.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 1702 042

Letting Date: February 3, 2017

Contract ID: 17082-128704

Description: 7.91 mi of microsurfacing, pavement marking and concrete sidewalk ramps on M-80 from I-75 to M-129, Chippewa County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128704A	STP 1717(005)	HK1353	ST 17082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$75,000.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	12.000	Syd
0030	Shoulder, CI II	3070121	1,425.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	HMA Crack Treatment, Lane	5020005	15.810	Lnmi
0060	Micro-Surface, Warranty	5040030	158,564.000	Syd
0070	Detectable Warning Surface	8030010	12.000	Ft
0080	Sidewalk Ramp, Conc, 4 inch	8030034	50.000	Sft
0090	Sidewalk, Conc, 4 inch	8030044	70.000	Sft
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,665.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,000.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,100.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,665.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,000.000	Ft
0160	Rem Spec Mrkg	8110343	381.000	Sft
0170	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0180	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0190	Pavt Mrkg, Modified Urethane, 24 inch, Stop Bar	8110532	240.000	Ft
0200	Protective Ovly, Snowmobile Trail Crossing	8110550	268.000	Syd
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	41,749.000	Ft
0250	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	83,498.000	Ft
0260	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0270	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea

0280	Sign Cover	8120310	38.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	928.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	928.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Monument Box	8210001	2.000	Ea
0330	Monument Box Adjust	8210005	10.000	Ea
0340	Monument Preservation	8210010	1.000	Ea
0350	Protect Corners	8210020	10.000	Ea
0360	Centerline Corrugations, Milled, HMA	8220013	83,600.000	Ft
0370	Contractor Staking, Road Only	8240007	1.000	LSUM
0380	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0390	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0400	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
0410	_ Railroad Protection at Grade Crossing	8507060	3,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 1702 043

Letting Date: February 3, 2017

Contract ID: 69023-123225

Description: 1.79 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramp upgrades, and pavement markings on M-32 from Wisconsin Avenue easterly to east of Hayes Road and on I-75BL from Grandview Boulevard/Wisconsin Avenue northerly to M-32 in the city of Gaylord, Otsego County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123225A	NH 1769(001)	HK1344	NH 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	813.000	Ft
0030	Sidewalk, Rem	2040055	379.000	Syd
0040	Embankment, LM	2050011	20.000	Cyd
0050	Excavation, Earth	2050016	90.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	57.000	Ea
0070	Approach, CI I	3070001	145.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	94.000	Ea
0090	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0110	Cold Milling HMA Surface	5010002	47,900.000	Syd
0120	HMA Surface, Rem	5010005	2,100.000	Syd
0130	HMA Quality Initiative	5010007	9,956.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	30,943.000	Dlr
0150	Hand Patching	5010025	578.000	Ton
0160	HMA, 5E3	5010057	4,150.000	Ton
0170	HMA Approach	5010061	250.000	Ton
0180	Curb and Gutter, Conc, Det C4	8020023	813.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	2,864.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	2,372.000	Sft
0210	_ Detectable Warning Surface, Cast Iron, Special	8037001	233.000	Ft
0220	_ Sidewalk, Brickwork, Rem	8037010	2,787.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	9.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0290	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	390.000	Ft
0300	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,620.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	473.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,700.000	Ft
0330	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,200.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, White	8110233	10,900.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,700.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	24,200.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	10,900.000	Ft
0380	Recessing Pavement Markings, Longit	8110450	37,900.000	Ft
0390	Recessing Pavement Markings, Transv	8110451	2,761.000	Sft
0400	Protective Ovly, Snowmobile Trail Crossing	8110550	94.000	Syd
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0430	Channelizing Device, 42 inch, Furn	8120030	180.000	Ea
0440	Channelizing Device, 42 inch, Oper	8120031	180.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Ltg for Night Work	8120160	1.000	LSUM
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,800.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0510	Sign Cover	8120310	12.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	901.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	901.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0560	_ Pedestrian Type II Barricade, Temp	8127050	30.000	Ea
0570	Slope Restoration, Type A	8160100	275.000	Syd
0580	Monument Preservation	8210010	14.000	Ea
0590	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0600	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1702 044

Letting Date: February 3, 2017

Contract ID: 04031-131647

Description: 4.13 mi of overband crack filling and microsurfacing on US-23 from north of Cranberry Creek to south of Island Drive, Alpena County. This project includes a 2 year pavement performance pavement.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131647A	NH 1704(004)	HK1341	NH 04031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,764.90	1500001	1.000	LSUM
0020	Overband Crack Fill, Lane	5020003	8.300	Lnmi
0030	Micro-Surface, Warranty	5040030	96,900.000	Syd
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,500.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	43,600.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,500.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	43,600.000	Ft
0080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	49,100.000	Ft
0090	_ Traffic Control	8127051	1.000	LSUM
0100	Centerline Corrugations, Milled, HMA	8220013	21,800.000	Ft
0110	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	43,600.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1702 045

Letting Date: February 3, 2017

Contract ID: 84924-127362

Description: 0.01 mi of pedestrian signal upgrades, concrete sidewalk and ADA ramps on Oakley Street from Grand Traverse Street to Saginaw Street and on Saginaw Street from Tobias Street to the International Academy of Flint School and on Averill Avenue from Davison Street to Leith Street at Potter Elementary School in the city of Flint, Genesee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127362A	SRS 1784(045)	JJ5606	SRSI 84924

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$37,100.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,900.000	Ft
0040	Sidewalk, Rem	2040055	2,840.000	Syd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0060	Dr Structure Cover, Adj, Case 1, Modified	4030004	29.000	Ea
0070	Dr Structure Cover, Type D	4030025	1.000	Ea
0080	Dr Structure Cover, Type K	4030050	10.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0100	Hand Patching	5010025	18.000	Ton
0110	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	215.000	Syd
0120	Lane Tie, Epoxy Anchored	6030030	900.000	Ea
0130	Curb and Gutter, Conc, Det F3	8020037	1,350.000	Ft
0140	Sidewalk Ramp, Conc, 6 inch	8030036	7,425.000	Sft
0150	Sidewalk, Conc, 4 inch	8030044	23,200.000	Sft
0160	Sidewalk, Conc, 6 inch	8030046	1,140.000	Sft
0170	_ Detectable Warning Surface, Cast Iron	8037001	550.000	Ft
0180	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0190	Post, Steel, 3 lb	8100371	200.000	Ft
0200	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0210	Sign, Type III, Rem	8100403	13.000	Ea
0220	Sign, Type IIIB	8100405	114.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,460.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	205.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	370.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, School	8110074	3.000	Ea

0270	Rem Spec Mrkg	8110343	1,865.000	Sft
0280	Channelizing Device, 42 inch, Furn	8120030	145.000	Ea
0290	Channelizing Device, 42 inch, Oper	8120031	145.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Sign Cover	8120310	10.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	2,277.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	2,277.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0380	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0390	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0400	Slope Restoration, Type A	8160100	1,560.000	Syd
0410	Cable Pole, TS, Dismant	8190010	1.000	Ea
0420	Conduit, DB, 1, 1 1/2 inch	8190027	28.000	Ft
0430	Conduit, DB, 1, 3 inch	8190029	43.000	Ft
0440	Hh, Round	8190260	6.000	Ea
0450	Wood Pole, Fit Up, TS Cable Pole	8190501	6.000	Ea
0460	Conduit, Directional Bore, 1, 3 inch	8190602	142.000	Ft
0470	Pedestal, Alum	8200100	4.000	Ea
0480	Pedestal, Fdn	8200105	4.000	Ea
0490	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0500	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0510	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0520	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0530	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
0540	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0550	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0560	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	5.000	Ea
0570	Water Shutoff, Adj, Case 1	8230421	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1702 046

Letting Date: February 3, 2017

Contract ID: 83052-128584

Description: 3.12 mi of hot mix asphalt micro-cold milling, resurfacing and ultra-thin overlay on M-115 from northwest of North Boulevard to northwest of Boon Road (34 Road) in the city of Cadillac, Wexford County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128584A	NH 1783(001)	HK1343	NH 83052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$32,955.22	1500001	1.000	LSUM
0020	HMA Quality Initiative	5010007	984.000	Dlr
0030	HMA, 5E3	5010057	492.000	Ton
0040	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	52,589.000	Syd
0050	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	46,632.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	156.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,287.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	34,950.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,287.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	34,950.000	Ft
0160	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	31,702.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	7,486.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,246.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,946.000	Ft
0240	Sign Cover	8120310	4.000	Ea

0250	Sign, Type B, Temp, Prismatic, Furn	8120350	386.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	386.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0280	_ Railroad Protection, at Grade Crossing	8127060	4,000.000	Dlr
0290	Monument Box	8210001	5.000	Ea
0300	Monument Preservation	8210010	5.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	14,100.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1702 047

Letting Date: February 3, 2017

Contract ID: 41051-130802

Description: 2.77 mi of hot mix asphalt cold milling and overlay with ADA ramp upgrades on M-44 from the I-96 north bridge approach north to north of 3 Mile Road in the city of Grand Rapids, Kent County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130802A	NH 1741(013)	HK1360	NH 41051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$105,700.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	500.000	Ft
0030	Pavt, Rem	2040050	200.000	Syd
0040	Sidewalk, Rem	2040055	200.000	Syd
0050	Excavation, Earth	2050016	150.000	Cyd
0060	_ Embankment, CIP, Special	2057021	15.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0080	Erosion Control, Silt Fence	2080036	200.000	Ft
0090	Subbase, CIP	3010002	150.000	Cyd
0100	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0110	Cold Milling HMA Surface	5010002	92,675.000	Syd
0120	Bump Grinding	5010004	500.000	Syd
0130	HMA Surface, Rem	5010005	400.000	Syd
0140	HMA Quality Initiative	5010007	17,050.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	30,216.000	Dlr
0160	Hand Patching	5010025	60.000	Ton
0170	HMA, 5E3	5010057	8,165.000	Ton
0180	HMA Approach	5010061	300.000	Ton
0190	_ Pedestrian Path, Temp	8007001	300.000	Ft
0200	_ Pedestrian Ramp, Temp	8007050	45.000	Ea
0210	Curb and Gutter, Conc, Det B2	8020016	250.000	Ft
0220	Detectable Warning Surface	8030010	350.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	4,100.000	Sft
0240	Sidewalk, Conc, 4 inch	8030044	1,200.000	Sft
0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	750.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	684.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	108.000	Ft

0280	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	22.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	3.000	Ea
0310	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	7,000.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,036.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	17,045.000	Ft
0340	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	24,765.000	Ft
0350	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0360	Recessing Pavt Mrkg, Turning Guide Line	8110452	216.000	Sft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0390	Channelizing Device, 42 inch, Furn	8120030	450.000	Ea
0400	Channelizing Device, 42 inch, Oper	8120031	450.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0430	Ltg for Night Work	8120160	1.000	LSUM
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,500.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,500.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0490	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	560.000	Ea
0500	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	600.000	Ea
0510	Sign Cover	8120310	10.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	1,976.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	1,976.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	51.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	51.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Sign Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0580	_ Sign Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0590	_ Pedestrian Type II Barricade, Temp	8127050	40.000	Ea
0600	Slope Restoration, Type A	8160100	600.000	Syd
0610	Wireless Vehicle Detection System	8200422	4.000	Ea
0620	Wireless Vehicle Sensor Node	8200425	29.000	Ea
0630	Monument Box	8210001	5.000	Ea
0640	Monument Box Adjust	8210005	5.000	Ea
0650	Gate Box, Adj, Case 1	8230431	3.000	Ea
0660	Contractor Staking, Road Only	8240007	1.000	LSUM

0670	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1702 048

Letting Date: February 3, 2017

Contract ID: 63821-127526

Description: 4.45 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, drainage structure repairs, and pavement markings on Grand River Avenue from Sinacola Street to Colgate Street in the cities of Farmington and Farmington Hills, Oakland County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127526A	STP 1763(008)	HK1368	ST 63821

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$351,000	1500001	1.000	LSUM
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0050	Curb and Gutter, Rem	2040020	1,648.000	Ft
0060	Pavt, Rem	2040050	100.000	Syd
0070	Sidewalk, Rem	2040055	1,208.000	Syd
0080	_ Brick Pavers, Rem and Salv	2047010	879.000	Sft
0090	Embankment, CIP	2050010	50.000	Cyd
0100	Excavation, Earth	2050016	50.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	246.000	Ea
0120	Subbase, CIP	3010002	116.000	Cyd
0130	Aggregate Base, LM	3020002	500.000	Cyd
0140	Culv, CI A, 12 inch	4010131	16.000	Ft
0150	Culv, CI A, 15 inch	4010132	60.000	Ft
0160	Dr Structure Cover, Adj, Case 1, Modified	4030004	52.000	Ea
0170	Dr Structure Cover, Type B	4030010	10.000	Ea
0180	Dr Structure Cover, Type K	4030050	2.000	Ea
0190	Dr Structure, 24 inch dia	4030200	3.000	Ea
0200	_ Dr Structure Repair, Add Depth	4037001	147.000	Ft
0210	_ Dr Structure Repair, Composite Pavt	4037050	131.000	Ea
0220	_ Dr Structure Cover, ADA Compliant	4037050	4.000	Ea
0230	Cold Milling HMA Surface	5010002	151,861.000	Syd
0240	Bump Grinding	5010004	30.000	Syd
0250	HMA Surface, Rem	5010005	4,652.000	Syd
0260	HMA Quality Initiative	5010007	27,622.000	Dlr
0270	Pavt for Butt Joints, Rem	5010008	49.000	Syd

0280	Longitudinal Joint Density Quality Initiative	5010018	53,383.000	Dlr
0290	Pavt Joint and Crack Repr, Det 7	5010020	24,873.000	Ft
0300	Hand Patching	5010025	1,244.000	Ton
0310	HMA Approach	5010061	232.000	Ton
0320	HMA, 5E3, High Stress	5010515	12,335.000	Ton
0330	Joint, Contraction, Cp	6020200	1,648.000	Ft
0340	Cement	6030005	60.000	Ton
0350	Cold Milling Conc Pavt	6030014	4,604.000	Syd
0360	Joint, Contraction, Crg	6030020	5,685.000	Ft
0370	Lane Tie, Epoxy Anchored	6030030	2,075.000	Ea
0380	Non-Chloride Accelerator	6030035	8,318.000	Gal
0390	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,134.000	Syd
0400	Pavt Repr, Nonreinf Conc, 11 inch	6030050	3,403.000	Syd
0410	Pavt Repr, Rem	6030080	4,537.000	Syd
0420	Curb, Conc, Det E1	8020001	500.000	Ft
0430	Curb, Conc, Det E2	8020002	250.000	Ft
0440	Curb and Gutter, Conc, Det F4	8020038	425.000	Ft
0450	Curb and Gutter, Conc, Det F6	8020040	471.000	Ft
0460	Detectable Warning Surface	8030010	550.000	Ft
0470	Sidewalk Ramp, Conc, 4 inch	8030034	2,518.000	Sft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	8,166.000	Sft
0490	_ Detectable Warning Surface, Cast Iron	8037001	112.000	Ft
0500	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	237.000	Sft
0510	Fdn, Wood Support, Rem	8100280	2.000	Ea
0520	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0530	Post, Steel, 3 lb	8100371	344.000	Ft
0540	Post, Wood, 4 inch by 6 inch	8100380	40.000	Ft
0550	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0560	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0570	Sign, Type III, Rem	8100403	1.000	Ea
0580	Sign, Type IIIB	8100405	136.000	Sft
0590	_ Pedestrian Path, Temp	8107001	100.000	Ft
0600	_ Pedestrian Ramp, Temp	8107050	20.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	200.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	100.000	Ft
0630	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	8.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	8.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	22.000	Ea
0660	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	29.000	Ea
0670	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	13.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow	8110073	2.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow	8110076	1.000	Ea

	Sym			
0710	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0730	Pavt Mrkg, Polyurea, 4 inch, White	8110091	283.000	Ft
0740	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,866.000	Ft
0750	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,170.000	Ft
0760	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	12,702.000	Ft
0770	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	50,763.000	Ft
0780	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	9,732.000	Ft
0790	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	477.000	Ft
0800	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	454.000	Ft
0810	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	223.000	Ft
0820	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	500.000	Ft
0830	Rem Spec Mrkg	8110343	500.000	Sft
0840	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0850	Barricade, Type III, High Intensity, Lighted, Furn	8120022	40.000	Ea
0860	Barricade, Type III, High Intensity, Lighted, Oper	8120023	40.000	Ea
0870	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0880	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0890	Ltg for Night Work	8120160	1.000	LSUM
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,250.000	Ft
0920	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	45,000.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	11,500.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	55,100.000	Ft
0950	Plastic Drum, High Intensity, Furn	8120250	1,800.000	Ea
0960	Plastic Drum, High Intensity, Oper	8120251	1,800.000	Ea
0970	Sign Cover	8120310	20.000	Ea
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	1,650.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	1,650.000	Sft
1000	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	400.000	Sft
1010	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	400.000	Sft
1020	Traf Regulator Control	8120370	1.000	LSUM
1030	_ Sign, Portable, Changeable Message, NTCIP-Compliant,Furn	8127050	4.000	Ea
1040	_ Sign, Portable, Changeable Message, NTCIP-Compliant,Oper	8127050	4.000	Ea
1050	_ Pedestrian Type II Barricade,Temp	8127050	50.000	Ea
1060	Slope Restoration, Type B	8160101	651.000	Syd
1070	_ Maintain Water Sprinkler System	8167050	3.000	Ea
1080	Conduit, DB, 1, 1 1/4 inch	8190026	30.000	Ft
1090	Pedestal, Fdn	8200105	3.000	Ea

1100	Pushbutton and Sign	8200121	3.000	Ea
1110	Pushbutton, Rem	8200122	3.000	Ea
1120	Pushbutton Pedestal, Alum	8200123	3.000	Ea
1130	Traf Loop	8200170	21.000	Ea
1140	TS, Bag	8200450	50.000	Ea
1150	TS, Bag, Rem	8200451	50.000	Ea
1160	Monument Box Adjust	8210005	3.000	Ea
1170	Gate Box, Adj, Case 1	8230431	10.000	Ea
1180	_ Sidewalk Ramp Layout	8247051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 049

Letting Date: February 3, 2017

Contract ID: 63000-132685

Description: 0.97 mi of pavement removal, hot mix asphalt cold milling and resurfacing, aggregate base, drainage, concrete pavement, curb, gutter and pedestrian signals on 11 Mile Road from Orchard Lake Road to Middlebelt Road in the city of Farmington Hills, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132685A	STP 1763(007)	HK1354	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$262,500.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	8.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	19.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	19.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0070	Dr Structure, Rem	2030011	11.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	716.000	Ft
0090	Sewer, Rem, 24 inch to 48 inch	2030016	366.000	Ft
0100	Curb and Gutter, Rem	2040020	5,137.000	Ft
0110	Fence, Rem	2040025	48.000	Ft
0120	Pavt, Rem	2040050	1,496.000	Syd
0130	Sidewalk, Rem	2040055	505.000	Syd
0140	Exploratory Investigation, Vertical	2040080	100.000	Ft
0150	_ Sidewalk, Brick Pavers, Rem	2047010	952.000	Sft
0160	Embankment, CIP	2050010	3,870.000	Cyd
0170	Excavation, Earth	2050016	4,560.000	Cyd
0180	_ Ditch Cleanout, Modified	2057001	190.000	Ft
0190	_ Subgrade Undercutting, 1 x 3	2057021	1,500.000	Cyd
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0210	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0220	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	2,138.000	Syd
0230	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	14,691.000	Syd
0240	Maintenance Gravel	3060020	500.000	Ton
0250	_ Geogrid	3087011	4,400.000	Syd
0260	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0270	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea

0280	Culv End Sect, Conc, 24 inch	4010051	3.000	Ea
0290	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0300	Culv, CI F, CSP, 12 inch	4010675	208.000	Ft
0310	Culv, CI F, CSP, 18 inch	4010677	20.000	Ft
0320	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Longit	4011049	1.000	Ea
0330	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Longit	4011055	1.000	Ea
0340	_ CCFRPM Culv Rehabilitation Liner, 42 inch	4017001	280.000	Ft
0350	_ Grout	4017021	22.000	Cyd
0360	Sewer, CI IV, 12 inch, Tr Det B	4020987	2,582.000	Ft
0370	Sewer, CI IV, 15 inch, Tr Det B	4020988	155.000	Ft
0380	Sewer, CI IV, 18 inch, Tr Det B	4020989	95.000	Ft
0390	Sewer, CI IV, 24 inch, Tr Det B	4020993	80.000	Ft
0400	Sewer, CI IV, 30 inch, Tr Det B	4020994	794.000	Ft
0410	Sewer, CI IV, 36 inch, Tr Det B	4020995	59.000	Ft
0420	Sewer Tap, 12 inch	4021204	1.000	Ea
0430	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0440	Trench Undercut and Backfill	4021260	150.000	Cyd
0450	Video Taping Sewer and Culv Pipe	4021275	3,921.000	Ft
0460	Sewer, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch, Tr Det B	4021450	193.000	Ft
0470	Sewer, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch, Tr Det B	4021453	63.000	Ft
0480	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0490	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0500	Dr Structure Cover, Type B	4030010	10.000	Ea
0510	Dr Structure Cover, Type G	4030040	4.000	Ea
0520	Dr Structure Cover, Type K	4030050	33.000	Ea
0530	Dr Structure, 24 inch dia	4030200	16.000	Ea
0540	Dr Structure, 48 inch dia	4030210	19.000	Ea
0550	Dr Structure, 60 inch dia	4030220	5.000	Ea
0560	Dr Structure, 72 inch dia	4030230	4.000	Ea
0570	Dr Structure, 96 inch dia	4030234	2.000	Ea
0580	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0590	Dr Structure, Cleaning	4030290	10.000	Ea
0600	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0610	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0620	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0630	_ DPW Structure Cover, Adj, Add Depth	4037001	62.000	Ft
0640	_ DPW Structure Cover	4037050	21.000	Ea
0650	_ DPW Structure Cover, Adj, Case 1	4037050	13.000	Ea
0660	_ DPW Structure Cover, Adj, Case 2	4037050	9.000	Ea
0670	_ Underdrain, Subgrade, Open-Graded, 6 inch, Modified	4047001	10,060.000	Ft
0680	Cold Milling HMA Surface	5010002	18,274.000	Syd
0690	HMA Surface, Rem	5010005	6,172.000	Syd

0700	Edge Trimming	5010009	6,857.000	Ft
0710	Hand Patching	5010025	1,203.000	Ton
0720	HMA, 4E1	5010050	2,991.000	Ton
0730	HMA, 5E1	5010056	2,698.000	Ton
0740	HMA Approach	5010061	447.000	Ton
0750	_ Joint, HMA Plane of Weakness	5017001	5,783.000	Ft
0760	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	319.000	Syd
0770	_ Conc Pavt, Decorative, Nonreinf, 4 inch	6027011	81.000	Syd
0780	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	29.000	Syd
0790	Joint, Contraction, Crg	6030020	24.000	Ft
0800	Conc, Grade S2	7060011	3.000	Cyd
0810	Reinforcement, Steel, Culv and Headwall	7060091	74.000	Lb
0820	Driveway, Nonreinf Conc, 6 inch	8010005	386.000	Syd
0830	Curb and Gutter, Conc, Det F4	8020038	9,911.000	Ft
0840	Driveway Opening, Conc, Det M	8020050	487.000	Ft
0850	_ Detectable Warning Surface, Modified	8037001	100.000	Ft
0860	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	1,598.000	Sft
0870	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	1,031.000	Sft
0880	_ Sidewalk, Conc, 4 inch, Modified	8037010	20,419.000	Sft
0890	_ Sidewalk, Conc, 6 inch, Modified	8037010	2,367.000	Sft
0900	_ Sidewalk, Conc, 8 inch, Modified	8037010	222.000	Sft
0910	_ Post, Mailbox, Modified	8077050	44.000	Ea
0920	Fence, Chain Link, 60 inch	8080012	48.000	Ft
0930	Post Hole Through Conc for Wood Post	8100341	17.000	Ea
0940	Post, Flexible, Delineator	8100360	41.000	Ea
0950	Post, Steel, 3 lb	8100371	580.000	Ft
0960	Sign, Type II, Rem	8100397	2.000	Ea
0970	Sign, Type IIA	8100398	69.000	Sft
0980	Sign, Type IIB	8100399	10.000	Sft
0990	Sign, Type III, Erect, Salv	8100402	5.000	Ea
1000	Sign, Type III, Rem	8100403	76.000	Ea
1010	Sign, Type IIIA	8100404	191.000	Sft
1020	Sign, Type IIIB	8100405	82.000	Sft
1030	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	170.000	Ft
1040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	100.000	Ft
1050	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	61.000	Ft
1060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
1080	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,240.000	Ft
1090	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	13,205.000	Ft
1100	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	60.000	Ft
1110	Minor Traf Devices	8120170	1.000	LSUM
1120	Traf Regulator Control	8120370	1.000	LSUM
1130	_ Barricade, Type III, High Intensity, Double Sided, Furn, Modified	8127050	50.000	Ea

1140	_ Barricade, Type III, High Intensity, Double Sided, Oper, Modified	8127050	50.000	Ea
1150	_ Pedestrian Type II Barricade, Temp	8127050	16.000	Ea
1160	_ Plastic Drum, High Intensity, Furn, Modified	8127050	200.000	Ea
1170	_ Plastic Drum, High Intensity, Oper, Modified	8127050	200.000	Ea
1180	_ Sign Cover, Modified	8127050	10.000	Ea
1190	_ Sign, Type B, Temp, Prismatic, Furn, Modified	8127050	600.000	Ea
1200	_ Sign, Type B, Temp, Prismatic, Oper, Modified	8127050	600.000	Ea
1210	_ Sign, Type B, Temp, Prismatic, Special, Furn, Modified	8127050	1,000.000	Ea
1220	_ Sign, Type B, Temp, Prismatic, Special, Oper, Modified	8127050	1,000.000	Ea
1230	_ Riprap, Natural Stone, Heavy	8137011	36.000	Syd
1240	_ Riprap, Plain, Modified	8137011	220.000	Syd
1250	_ Turf Establishment	8167011	14,689.000	Syd
1260	Conduit, DB, 1, 1 1/2 inch	8190027	30.000	Ft
1270	Pushbutton and Sign	8200121	2.000	Ea
1280	Pushbutton, Rem	8200122	2.000	Ea
1290	TS, Bag	8200450	8.000	Ea
1300	TS, Bag, Rem	8200451	8.000	Ea
1310	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
1320	_ Traffic Loop, Presence (Preformed), RCOC	8207050	2.000	Ea
1330	Monument Box Adjust	8210005	1.000	Ea
1340	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1350	_ Sprinkler Line	8237001	4,000.000	Ft
1360	_ Hydrant, Adjust	8237050	2.000	Ea
1370	_ Sprinkler Head, Relocate	8237050	100.000	Ea
1380	_ Sprinkler Head, Replace	8237050	100.000	Ea
1390	_ Reimbursed Permit Fees	8247060	6,950.000	Dlr
1400	_ Stream Bank Protection	8267001	35.000	Ft
1410	_ Maintaining Stream Flow	8267051	1.000	LSUM
1420	_ Slip-Lining Staging Area	8267051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 050

Letting Date: February 3, 2017

Contract ID: 81406-126374

Description: 2.00 mi of hot mix asphalt shared-use path including timber boardwalk, tree removal and fencing along Dixboro Road from Geddes Road to Matthei Botanical Gardens in the city of Ann Arbor, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126374A	TAP 1781(006)	HK1331	TA 81406

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$183,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	6.000	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	38.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	246.000	Ea
0050	_ Temp Tree Protection	2027050	200.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0080	Curb and Gutter, Rem	2040020	83.000	Ft
0090	Fence, Rem	2040025	283.000	Ft
0100	Structures, Rem	2040060	1.000	LSUM
0110	Excavation, Earth	2050016	16,180.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0130	_ Ditching	2057001	367.000	Ft
0140	_ Subgrade Undercutting, Modified	2057021	2,000.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	300.000	Ft
0160	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	100.000	Cyd
0180	Erosion Control, Sediment Trap	2080034	20.000	Ea
0190	Erosion Control, Silt Fence	2080036	12,000.000	Ft
0200	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0210	_ Erosion Control, Straw Wattle	2087001	1,200.000	Ft
0220	Subbase, CIP	3010002	5,281.000	Cyd
0230	Shoulder, CI II, 4 inch	3070126	70.000	Syd
0240	Culv End Sect, Conc, 12 inch	4010047	14.000	Ea
0250	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0260	Culv, CI E, 12 inch	4010539	184.000	Ft
0270	Culv, CI E, 24 inch	4010542	35.000	Ft

0280	_ Sanitary Sewer, SDR 26 PVC, 8 inch	4027001	100.000	Ft
0290	_ Sanitary Sewer Structure	4027050	1.000	Ea
0300	_ Sanitary Sewer, Air Test	4027050	1.000	Ea
0310	_ Sanitary Sewer, Deflection Test	4027050	1.000	Ea
0320	_ Sanitary Sewer, Drop Connection	4027050	2.000	Ea
0330	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0340	Dr Structure, Adj, Add Depth	4030280	13.000	Ft
0350	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0360	HMA Surface, Rem	5010005	86.000	Syd
0370	_ Helical Pile, Add Depth	7057001	320.000	Ft
0380	_ Helical Pile, Load Test	7057050	7.000	Ea
0390	_ Obstruction Removal, Unexpected	7057050	32.000	Ea
0400	_ Helical Piles	7057051	1.000	LSUM
0410	_ Structure, Timber, Boardwalk	7117001	496.000	Ft
0420	Curb and Gutter, Conc, Det F4	8020038	83.000	Ft
0430	Detectable Warning Surface	8030010	30.000	Ft
0440	Shared use Path, Conc	8060020	36.000	Syd
0450	Shared use Path, HMA	8060040	2,663.000	Ton
0460	_ Shared Use Path, Grading, Modified	8067001	10,223.000	Ft
0470	_ Boardwalk Approach	8067011	112.000	Syd
0480	_ Shared Use Path, Aggregate, Modified	8067031	5,089.000	Ton
0490	_ Safety Fence	8077001	300.000	Ft
0500	Fence, Woven Wire with Wood Post	8080001	910.000	Ft
0510	Post, Steel, 3 lb	8100371	56.000	Ft
0520	Sign, Type IIIA	8100404	9.000	Sft
0530	Sign, Type IIIB	8100405	108.000	Sft
0540	_ Trail Sign Post and Installation	8107050	15.000	Ea
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	246.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	246.000	Ft
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	50.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	_ Armored Swale	8137001	295.000	Ft
0680	_ Turf Establishment, Performance	8167011	25,750.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 1702 051

Letting Date: February 3, 2017

Contract ID: 77147-132648

Description: 0.23 mi of hot mix asphalt resurfacing, concrete pavement repairs, curb and gutter, ramps, pavement removal, aggregate base, storm sewer, watermain and sanitary sewer on River Street from south of Stone Street northerly to Glenwood Avenue in the city of Port Huron, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132648A	STP 1777(002)	HK1322	STUL 77147

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	450.000	Dlr
0020	Mobilization, Max \$75,500	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0060	Dr Structure, Rem	2030011	15.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,042.000	Ft
0080	_ Diversion Chamber, Rem	2037050	1.000	Ea
0090	Curb and Gutter, Rem	2040020	2,712.000	Ft
0100	Pavt, Rem	2040050	5,415.000	Syd
0110	_ Driveway, Rem	2047011	885.000	Syd
0120	_ Sidewalk, Rem, Modified	2047011	1,245.000	Syd
0130	_ Bollard, Steel and Concrete, Rem	2047050	2.000	Ea
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0150	_ Station Grading, Modified	2057002	14.000	Sta
0160	_ Subgrade and Trench Undercutting	2057021	50.000	Cyd
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	9.000	Cyd
0190	Erosion Control, Silt Fence	2080036	592.000	Ft
0200	Aggregate Base, 6 inch	3020016	750.000	Syd
0210	_ Aggregate Base, 8 inch, Modified	3027011	5,275.000	Syd
0220	_ Aggregate Base, 6 inch, Modified	3027011	445.000	Syd
0230	Maintenance Gravel, LM	3060021	100.000	Cyd
0240	Sewer Bulkhead, 12 inch	4021230	2.000	Ea
0250	_ Sewer, Conc, Class C76-IV, 12 inch, Tr Det B	4027001	156.000	Ft
0260	_ Sewer, DI, Class 52, 12 inch, Tr Det B	4027001	36.000	Ft
0270	_ Televis Existing Sewer	4027001	400.000	Ft

0280	_ Flowable Fill	4027021	20.000	Cyd
0290	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0300	Dr Structure Cover, Adj, Case 2	4030006	12.000	Ea
0310	Dr Structure, 48 inch dia	4030210	2.000	Ea
0320	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0330	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0340	Dr Structure, Temp Lowering	4030390	1.000	Ea
0350	_ Dr Structure, Add Depth of 48 inch dia, 8 feet to 15 feet, Modified	4037001	8.000	Ft
0360	_ Dr Structure, Add Depth of 60 inch dia, 8 feet to 15 feet, Modified	4037001	4.000	Ft
0370	_ Dr Structure Cover, Adj, Case I, Modified	4037050	4.000	Ea
0380	_ Dr Structure Cover, Type B, Modified	4037050	6.000	Ea
0390	_ Dr Structure Cover, Type K, Modified	4037050	7.000	Ea
0400	_ Dr Structure Cover, Type Q, Modified	4037050	5.000	Ea
0410	_ Dr Structure, 36 inch dia	4037050	4.000	Ea
0420	_ Dr Structure, 48 inch dia, Modified	4037050	2.000	Ea
0430	_ Dr Structure, 60 inch dia, Modified	4037050	1.000	Ea
0440	_ Dr Structure, Tap, 20 inch, Modified	4037050	1.000	Ea
0450	_ Dr Structure, Tap, 6 inch, Modified	4037050	1.000	Ea
0460	_ Dr Structure, Tap, 8 inch, Modified	4037050	1.000	Ea
0470	_ Manhole, Placed Over Existing Sewer, 60 inch dia	4037050	1.000	Ea
0480	Underdrain, Subbase, 6 inch	4040063	2,251.000	Ft
0490	HMA Surface, Rem	5010005	5,415.000	Syd
0500	Hand Patching	5010025	105.000	Ton
0510	HMA, 3C	5010031	1,430.000	Ton
0520	HMA, 13A	5010033	363.000	Ton
0530	_ HMA, Temp Pavt (3C)	5017031	125.000	Ton
0540	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	290.000	Syd
0550	Joint, Contraction Cp, Intersection	6020250	40.000	Ft
0560	Joint, Expansion E2, Intersection	6020270	40.000	Ft
0570	Joint, Contraction, Crg	6030020	40.000	Ft
0580	Lane Tie, Epoxy Anchored	6030030	141.000	Ea
0590	_ Driveway, Reinf Conc, 8 inch, Modified	8017011	617.000	Syd
0600	_ Driveway, Reinf Conc, 10 inch, Modified	8017011	445.000	Syd
0610	Curb and Gutter, Conc, Det F4	8020038	2,320.000	Ft
0620	_ Curb, Conc, Det E4, Modified	8027001	25.000	Ft
0630	_ Sidewalk Ramp Curb, Conc	8037001	80.000	Ft
0640	_ Detectable Warning Surface, Modified	8037010	120.000	Sft
0650	_ Sidewalk Ramp, Modified	8037010	759.000	Sft
0660	_ Sidewalk, Concrete, 4 inch, Modified	8037010	7,682.000	Sft
0670	Post, Steel, 3 lb	8100371	378.000	Ft
0680	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0690	Sign, Type III, Rem	8100403	27.000	Ea
0700	Sign, Type IIIA	8100404	48.000	Sft

0710	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	138.000	Ft
0720	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	63.000	Ft
0730	Pavt Mrkg, Waterborne, 4 inch, White	8110231	40.000	Ft
0740	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,483.000	Ft
0750	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	40.000	Ft
0760	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0780	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0790	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0800	Dust Palliative, Applied	8120100	10.000	Ton
0810	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0820	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0830	Minor Traf Devices	8120170	1.000	LSUM
0840	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0860	Sign Cover	8120310	2.000	Ea
0870	Sign, Type B, Temp, Prismatic, Furn	8120350	403.000	Sft
0880	Sign, Type B, Temp, Prismatic, Oper	8120351	403.000	Sft
0890	Traf Regulator Control	8120370	1.000	LSUM
0900	_ Pedestrian Type II Barricade, Temp	8127050	8.000	Ea
0910	_ Maintaining Fire Station Access	8127051	1.000	LSUM
0920	_ Maintaining Water Sprinkler Systems	8157050	2.000	Ea
0930	_ Rain Garden Preservation and Restoration	8157051	1.000	LSUM
0940	Sodding	8160055	100.000	Syd
0950	Water, Sodding/Seeding	8160090	50.000	Unit
0960	_ Slope Restoration, Modified	8167011	3,334.000	Syd
0970	Conduit, Rem	8190140	150.000	Ft
0980	Conduit, Schedule 80 PVC, 2 inch	8190157	780.000	Ft
0990	DB Cable, in Conduit, 600V, 1/C#6	8190211	640.000	Ft
1000	Hh, Rem	8190254	5.000	Ea
1010	Light Std Fdn, Rem	8190280	5.000	Ea
1020	Light Std Shaft, Install Salv	8190301	5.000	Ea
1030	Light Std Shaft, Rem and Salv	8190306	5.000	Ea
1040	_ Handhole, Type 1	8197050	8.000	Ea
1050	_ Light, Std Fdn, Modified	8197050	5.000	Ea
1060	_ Water Main, Ductile Iron, 10 inch, City Tr Det	8237001	35.000	Ft
1070	_ Water Main, Ductile Iron, 20 inch, Cit Tr Det	8237001	96.000	Ft
1080	_ Water Main, Ductile Iron, 20 inch, City Tr Det	8237001	142.000	Ft
1090	_ Water Main, Ductile Iron, 4 inch, City Tr Det	8237001	80.000	Ft
1100	_ Water Main, Ductile Iron, 6 inch, Cit Tr Det	8237001	60.000	Ft
1110	_ Water Main, Ductile Iron, 8 inch, City Tr Det	8237001	400.000	Ft
1120	_ Water Service, Copper, 1 inch	8237001	90.000	Ft
1130	_ Butterfly Valve and Box, 20 inch, Modified	8237050	1.000	Ea

1140	_ Connect to Existing Water Main	8237050	7.000	Ea
1150	_ Curb Stop and Box	8237050	2.000	Ea
1160	_ Fire Hydrant, 6 inch	8237050	3.000	Ea
1170	_ Gate Valve and Box, 10 inch, Modified	8237050	1.000	Ea
1180	_ Gate Valve and Box, 4 inch, Modified	8237050	1.000	Ea
1190	_ Gate Valve and Box, 6 inch, Modified	8237050	2.000	Ea
1200	_ Gate Valve and Box, 8 inch, Modified	8237050	2.000	Ea
1210	_ Gate Well, Rem, Modified	8237050	1.000	Ea
1220	_ Hydrant, Rem, Modified	8237050	2.000	Ea
1230	_ Night Time Water Main Connection	8237050	1.000	Ea
1240	_ Reconnect Water Service	8237050	2.000	Ea
1250	_ Tapping Sleeve and Valve, 20 inch x 6 inch	8237050	1.000	Ea
1260	_ Weekend Water Main Connection	8237050	1.000	Ea
1270	_ Abandon Water Main	8237051	1.000	LSUM
1280	_ Sanitary Sewer, Ductile Iron, 20 inch, City Tr Det	8257001	13.000	Ft
1290	_ Sanitary Sewer, PVC Truss, 10 inch, City Tr Det	8257001	80.000	Ft
1300	_ Sanitary Sewer, PVC Truss, 8 inch, City Tr Det	8257001	37.000	Ft
1310	_ Connect to Existing Sewer	8257050	1.000	Ea
1320	_ Drop Connection	8257050	1.000	Ea
1330	_ Exploratory Excavation	8507040	20.000	Hr
1340	_ Audiovisual Record	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 052

Letting Date: February 3, 2017

Contract ID: 11021-126674-2

Description: Bridge removal and replacement with 21-inch prestressed concrete beams and approach work on River Road over Pipestone Creek, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126674A	N/A	N/A	MCS 11021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	3.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	13.000	Ft
0050	Embankment, CIP	2050010	150.000	Cyd
0060	Excavation, Earth	2050016	700.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0080	_ Aggregate, 6AA, Slag	2057021	400.000	Cyd
0090	Erosion Control, Silt Fence	2080036	433.000	Ft
0100	Subbase, CIP	3010002	250.000	Cyd
0110	Aggregate Base, 8 inch	3020020	820.000	Syd
0120	Shoulder, CI II, 6 inch	3070128	120.000	Syd
0130	_ Biaxial Geogrid I	3087011	400.000	Syd
0140	HMA Surface, Rem	5010005	505.000	Syd
0150	HMA, 13A	5010033	138.000	Ton
0160	HMA, 36A	5010034	45.000	Ton
0170	HMA Approach	5010061	5.000	Ton
0180	Curb and Gutter, Bridge Approach	8020010	94.000	Ft
0190	Guardrail, Curved, Type T	8070011	57.000	Ft
0200	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0210	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0220	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0230	Guardrail Departing Terminal, Type T	8070051	3.000	Ea
0240	Guardrail Reflector	8070080	28.000	Ea
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	484.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	484.000	Ft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	375.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	375.000	Sft
0320	Ditch, Plain Cobble	8140005	20.000	Syd
0330	_ Slope Restoration, Modified	8167011	450.000	Syd

Section: 2

0340	Structures, Rem (SN 992)	2040060	1.000	LSUM
0350	Backfill, Structure, CIP	2060002	700.000	Cyd
0360	Excavation, Fdn	2060010	1,300.000	Cyd
0370	Erosion Control, Filter Bag	2080014	2.000	Ea
0380	_ Turbidity Curtain, Modified	2087001	132.000	Ft
0390	Underdrain, Fdn, 4 inch	4040031	80.000	Ft
0400	Underdrain Outlet, 4 inch	4040091	32.000	Ft
0410	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0420	Joint, Expansion, E3	6020208	29.000	Ft
0430	Cofferdams (SN 992)	7040007	1.000	LSUM
0440	Pile Driving Equipment, Furn (SN 992)	7050002	1.000	LSUM
0450	Pile, Steel, Furn and Driven, 12 inch	7050030	2,310.000	Ft
0460	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0470	Pile, Steel, Splice	7050050	40.000	Ea
0480	Bridge Ltg, Furn and Rem (SN 992)	7060001	1.000	LSUM
0490	Bridge Ltg, Oper and Maintain	7060002	68.000	Cyd
0500	Conc, Grade T	7060013	104.000	Cyd
0510	False Decking	7060060	720.000	Sft
0520	Reinforcement, Steel, Epoxy Coated	7060092	36,401.000	Lb
0530	Substructure Conc	7060100	224.000	Cyd
0540	Superstructure Conc	7060110	12.000	Cyd
0550	Superstructure Conc, Form, Finish, and Cure (SN 992)	7060111	1.000	LSUM
0560	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 992)	7060112	1.000	LSUM
0570	Superstructure Conc, Night Casting	7060113	68.000	Cyd
0580	Bearing, Elastomeric, 1 inch	7070012	2,178.000	Sin
0590	Bearing, Elastomeric, 1 1/4 inch	7070013	2,178.000	Sin
0600	Prest Conc Deck, 21 inch	7080003	1,781.000	Sft
0610	Post Tensioning (SN 992)	7080015	1.000	LSUM
0620	Joint Waterproofing, Expansion	7100003	279.000	Sft
0630	Conc Surface Coating (SN 992)	7100010	1.000	LSUM
0640	Bridge Railing, Aesthetic Parapet Tube	7110005	104.000	Ft
0650	Riprap, Heavy	8130005	600.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1702 053

Letting Date: February 3, 2017

Contract ID: 73141-119176

Description: 2.48 mi of hot mix asphalt overlay, aggregate shoulders and guardrail on Fergus Road from M-52 to the Shiawassee River, Saginaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119176A	STP 1773(004)	RT0568	STL 73141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,100.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	386.000	Ft
0030	Structures, Rem Portions	2040061	1.000	LSUM
0040	_ Shoulder, CI II, Modified	3077031	3,830.000	Ton
0050	Pavt for Butt Joints, Rem	5010008	195.000	Syd
0060	HMA, LVSP	5010703	3,760.000	Ton
0070	Conc, Grade D	7060010	3.000	Cyd
0080	Reinforcement, Steel, Epoxy Coated	7060092	67.000	Lb
0090	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	132.000	Ea
0100	Guardrail, Type B	8070000	675.000	Ft
0110	Guardrail, Type T	8070002	50.000	Ft
0120	Guardrail, Curved, Type B	8070010	88.000	Ft
0130	Guardrail Approach Terminal, Type 2B	8070042	5.000	Ea
0140	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0150	Guardrail Post, Culv	8070070	16.000	Ea
0160	Guardrail Reflector	8070080	46.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	25,920.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,541.000	Ft
0190	Channelizing Device, 42 inch, Furn	8120030	190.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	190.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,440.000	Ft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	14.000	Sft

0280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	14.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Monument Box Adjust	8210005	4.000	Ea
0310	Monument Preservation	8210010	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 054

Letting Date: February 3, 2017

Contract ID: 40141-130356

Description: 3.70 mi of hot mix asphalt resurfacing and pavement markings on Spencer Road from Pierson Road east to Sharon Road then north to Kniss Road and east to Sigma Road, Kalkaska County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130356A	STP 1740(203)	RT0567	STL 40141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,600.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	10.000	Syd
0030	Aggregate Surface Cse	3060006	1,600.000	Ton
0040	Shoulder, CI II	3070121	400.000	Ton
0050	HMA Surface, Rem	5010005	200.000	Syd
0060	Pavt for Butt Joints, Rem	5010008	200.000	Syd
0070	HMA Approach	5010061	120.000	Ton
0080	HMA, LVSP	5010703	7,100.000	Ton
0090	Driveway, Nonreinf Conc, 6 inch	8010005	10.000	Syd
0100	Post, Mailbox	8070095	10.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	39,100.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,000.000	Ft
0140	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0150	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,600.000	Ft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Monument Box Adjust	8210005	1.000	Ea
0240	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 055

Letting Date: February 3, 2017

Contract ID: 68555-129446

Description: 4.99 mi of hot mix asphalt ultra-thin overlay, aggregate shoulders and pavement markings on Camp Ten Road from M-72 north to Kittle Road, Oscoda County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129446A	STP 1768(001)	RT0565	STL 68555

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	500.000	Ton
0030	HMA, 13A	5010033	80.000	Ton
0040	_ HMA, Ultra-Thin, Medium Volume	5047011	91,500.000	Syd
0050	_ HMA, Ultra Thin, Medium Volume (Wedging)	5047031	500.000	Ton
0060	Post, Steel, 3 lb	8100371	856.000	Ft
0070	Sign, Type IIIA	8100404	57.000	Sft
0080	Sign, Type IIIB	8100405	274.000	Sft
0090	_ Delineator, Reflective Sheeting, 3 inch by 36 inch, Red	8107050	8.000	Ea
0100	_ Delineator, Reflective Sheeting, 3 inch by 36 inch, Yellow	8107050	6.000	Ea
0110	_ Sign, Type III, Rem, Modified	8107050	54.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	52,700.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	40,400.000	Ft
0140	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0150	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0160	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,150.000	Ft
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	980.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	980.000	Sft
0240	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1702 056

Letting Date: February 3, 2017

Contract ID: 11000-120692

Description: 0.51 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ADA ramps on Sycamore Street from 13th Street to 17th Street in the city of Niles, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120692A	STP 1711(006)	HK1287	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$13,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	305.000	Ft
0030	Pavt, Rem	2040050	135.000	Syd
0040	Sidewalk, Rem	2040055	225.000	Syd
0050	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0060	Dr Structure Cover, Type K	4030050	2.000	Ea
0070	Cold Milling HMA Surface	5010002	9,325.000	Syd
0080	HMA Surface, Rem	5010005	135.000	Syd
0090	Hand Patching	5010025	20.000	Ton
0100	HMA, 36A	5010034	760.000	Ton
0110	HMA Approach	5010061	50.000	Ton
0120	Conc Base Cse, Nonreinf, 7 inch	6020017	75.000	Syd
0130	Curb and Gutter, Conc, Det C4	8020023	315.000	Ft
0140	Detectable Warning Surface	8030010	120.000	Ft
0150	Sidewalk Ramp, Conc, 6 inch	8030036	1,575.000	Sft
0160	Sidewalk, Conc, 6 inch	8030046	625.000	Sft
0170	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	805.000	Ft
0180	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	85.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,780.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	306.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	306.000	Sft

0280	Slope Restoration, Type B	8160101	750.000	Syd
0290	Gate Box, Adj, Case 1	8230431	12.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 057

Letting Date: February 3, 2017

Contract ID: 39405-119218

Description: 4.47 mi of signal interconnect, intersection vehicle detection, signal modernization, pavement markings and signing on Burdick Street from Alcott Street to South Street, from Lovell Street to Cork Street and on Drake Road from Croyden Road to Grand Prairie Avenue in the city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119218A	CMG 1739(010)	JJ5607	CMG 39405
119221A	CMG 1739(011)	JJ5608	CMG 39405
126646A	TAP 1739(008)	HK1304	TAU 39405

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$137,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	180.000	Ft
0030	Pavt, Rem	2040050	5.000	Syd
0040	Sidewalk, Rem	2040055	217.000	Syd
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	Embankment, CIP	2050010	28.000	Cyd
0070	Subbase, CIP	3010002	28.000	Cyd
0080	Hand Patching	5010025	7.000	Ton
0090	Conc Base Cse, Nonreinf, 6 1/2 inch	6020016	10.000	Syd
0100	Coating Galvanized Support Structures	7160010	19.000	Ea
0110	Curb and Gutter, Conc, Det F4	8020038	180.000	Ft
0120	Sidewalk Ramp, Conc, 6 inch	8030036	205.000	Sft
0130	Sidewalk, Conc, 6 inch	8030046	1,748.000	Sft
0140	_ Detectable Warning Surface, Modified	8037001	80.000	Ft
0150	_ Brick Pavers, Rem	8037010	219.000	Sft
0160	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	219.000	Sft
0170	Post, Steel, 3 lb	8100371	768.000	Ft
0180	Sign, Type III, Rem	8100403	20.000	Ea
0190	Sign, Type IIIB	8100405	260.000	Sft
0200	Mast Arm Pole, Cat II	8100511	11.000	Ea
0210	Mast Arm, 30 foot, Cat II	8100532	6.000	Ea
0220	Mast Arm, 35 foot, Cat II	8100533	4.000	Ea
0230	Mast Arm, 40 foot, Cat II	8100534	2.000	Ea
0240	Mast Arm, 45 foot, Cat II	8100535	1.000	Ea
0250	Mast Arm Pole Fdn, 6 Bolt	8100550	165.000	Ft

0260	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,036.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	604.000	Ft
0280	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	34.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	34.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	10.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	13.000	Ea
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	700.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,170.000	Ft
0370	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,500.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	700.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	32,170.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	17,500.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0430	Channelizing Device, 42 inch, Furn	8120030	135.000	Ea
0440	Channelizing Device, 42 inch, Oper	8120031	135.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Sign Cover	8120310	20.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	Slope Restoration, Type A	8160100	340.000	Syd
0530	Conduit, DB, 1, 1 1/2 inch	8190027	285.000	Ft
0540	Conduit, DB, 1, 2 1/2 inch	8190028	8.000	Ft
0550	Conduit, DB, 1, 3 inch	8190029	175.000	Ft
0560	Conduit, DB, 3, 3 inch	8190035	577.000	Ft
0570	Conduit, Directional Bore, 3 inch	8190044	4,680.000	Ft
0580	Conduit, Schedule 40, 1 inch	8190145	9,385.000	Ft
0590	Hh, Adj	8190244	1.000	Ea
0600	Hh, Round, 3 foot Dia.	8190259	12.000	Ea
0610	Hh, Round	8190260	1.000	Ea
0620	Cable, Sec, 600V, 1, 3/C#6	8190399	500.000	Ft
0630	Wood Pole, Fit Up, Sec Serv Pole	8190496	3.000	Ea
0640	Wood Pole, Rem	8190505	3.000	Ea
0650	Conduit, Directional Bore, 3, 3 inch	8190606	40.000	Ft
0660	_ Cable, P.J., 600 V, 1, 4/C#12	8197001	120.000	Ft
0670	_ Cable, P.J., 600 V, 1, 7/C#16	8197001	500.000	Ft

0680	_ Cable, Shielded, 600V, 1, 2/C#16	8197001	1,000.000	Ft
0690	Case Sign, Rem	8200020	3.000	Ea
0700	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	3.000	Ea
0710	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	7.000	Ea
0720	Controller and Cabinet, Rem	8200030	6.000	Ea
0730	Controller and Cabinet, Digital Type	8200031	4.000	Ea
0740	Controller Fdn, Base Mount	8200045	4.000	Ea
0750	Controller, Rem	8200049	11.000	Ea
0760	Fdn, Rem	8200065	4.000	Ea
0770	Pedestal, Alum	8200100	5.000	Ea
0780	Pedestal, Fdn	8200105	11.000	Ea
0790	Pedestal Fdn, Rem	8200106	2.000	Ea
0800	Pedestal, Rem	8200110	3.000	Ea
0810	Power Co. (Est. Cost to Contractor)	8200116	8,000.000	Dlr
0820	Pushbutton Pedestal, Alum	8200123	7.000	Ea
0830	Push Button Station and Sign	8200128	20.000	Ea
0840	Serv Disconnect	8200135	4.000	Ea
0850	Serv Disconnect, Rem	8200136	4.000	Ea
0860	Span Wire, Rem	8200141	4.000	Ea
0870	Steel Pole, Rem	8200145	4.000	Ea
0880	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	10.000	Ea
0890	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
0900	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0910	Pedestrian Signal System, Accessible	8200240	3.000	Ea
0920	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0930	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	8.000	Ea
0940	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
0950	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
0960	TS, One Way Mast Arm Mtd (LED)	8200359	25.000	Ea
0970	Video Traf Detection Camera, Rem	8200384	38.000	Ea
0980	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	2.000	Ea
0990	Casing	8200480	132.000	Ft
1000	TS Uninterruptible Power System	8200500	2.000	Ea
1010	TS Uninterruptible Power System	8200500	3.000	Ea
1020	_ Controller, Mod 60	8207050	12.000	Ea
1030	_ ITS Combo Cabinet	8207050	1.000	Ea
1040	_ Managed Field Ethernet Switch, Layer 2, NEMA Rack Mount	8207050	7.000	Ea
1050	_ Remote - Controlled Video System	8207050	5.000	Ea
1060	_ Street Name Sign, Two Way, City of Kalamazoo	8207050	10.000	Ea
1070	_ Universal Camera Bracket and Extension	8207050	13.000	Ea
1080	_ Street Name Sign, Two Way, RCKC	8207050	3.000	Ea

1090	_ TS, One Way, Mast Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
1100	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	12,074.000	Ft
1110	Tracer Wire	8260070	11,750.000	Ft
1120	Fiber Optic, Pigtail	8260071	180.000	Ea
1130	System Integration and Testing	8260160	1.000	LSUM
1140	_ Fiber Optic, Splice Enclosure, Rack-Mounted, Small	8267050	7.000	Ea
1150	_ Modular Video Detection System	8267050	16.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1702 058

Letting Date: February 3, 2017

Contract ID: 61171-87473

Description: 10.08 mi of hot mix asphalt cold milling and overlay with chip sealing, concrete curb, gutter and spillway, guardrail and pavement markings on M-37 at the Waterloo Street carpool parking lot and from Sparta Avenue to the Kent/Muskegon county line in the city of Grand Rapids, villages of Sparta, Kent City and Casnovia, Kent and Muskegon Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122658A	STP 1741(015)	HK1364	ST 41033
87473A	STP 1761(007)	HK1365	ST 61171

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$281,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	100.000	Ft
0030	Guardrail, Rem	2040035	300.000	Ft
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0050	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Aggregate Base, 6 inch	3020016	170.000	Syd
0070	Shoulder, CI II	3070121	550.000	Ton
0080	Trenching	3070200	5.000	Sta
0090	Cold Milling HMA Surface	5010002	360.000	Syd
0100	Bump Grinding	5010004	500.000	Syd
0110	HMA Quality Initiative	5010007	43,430.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	144,415.000	Dlr
0130	Hand Patching	5010025	100.000	Ton
0140	HMA, 5E1	5010056	18,015.000	Ton
0150	HMA Approach	5010061	3,600.000	Ton
0160	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	240,033.000	Syd
0170	_ Seal, Single Chip, Modified	5057011	240,033.000	Syd
0180	Curb and Gutter, Conc, Det B2	8020016	100.000	Ft
0190	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0200	Spillway, Conc	8020075	50.000	Ft
0210	Curb Sloped, HMA	8050010	600.000	Ft
0220	Guardrail, Type B	8070000	300.000	Ft
0230	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0240	Guardrail Reflector	8070080	20.000	Ea
0250	Guardrail, Reconst, Type B	8070105	765.000	Ft

0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	804.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	20.000	Ea
0280	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	54.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	34.000	Ea
0300	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,500.000	Ft
0310	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	51,100.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	94,325.000	Ft
0330	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0340	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	300.000	Ft
0350	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	497.000	Ft
0360	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0370	Recessing Pavement Markings, Longit	8110450	151,900.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0400	Channelizing Device, 42 inch, Furn	8120030	750.000	Ea
0410	Channelizing Device, 42 inch, Oper	8120031	750.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,600.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,500.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,000.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	6.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	6.000	Ea
0510	Sign Cover	8120310	10.000	Ea
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	1,461.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	1,461.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0580	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0590	Riprap, Plain	8130010	20.000	Syd
0600	_ Turf Establishment, Performance	8167011	200.000	Syd
0610	Wireless Vehicle Sensor Node, Salv	8200427	26.000	Ea
0620	Monument Box	8210001	5.000	Ea
0630	Monument Box Adjust	8210005	5.000	Ea
0640	Centerline Corrugations, Milled, HMA	8220013	48,140.000	Ft

0650	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	96,280.000	Ft
0660	Contractor Staking, Road Only	8240007	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	34.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr
0690	Staking Plan Errors and Extras, Three Person	8240022	20.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 059

Letting Date: February 3, 2017

Contract ID: 44012-115252

Description: 1.55 mi of hot mix asphalt cold milling and overlay, pavement repairs, curb, gutter and ADA ramps, signals, storm sewer and watermain on M-24 from Nepessing Street to north of Davis Lake Road in the city of Lapeer, Lapeer County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115252A	STP 1744(007)	HK1367	ST 44012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$226,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	198.000	Ft
0050	Curb and Gutter, Rem	2040020	8,614.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0070	Pavt, Rem	2040050	2,049.000	Syd
0080	Sidewalk, Rem	2040055	987.000	Syd
0090	Exploratory Investigation, Vertical	2040080	50.000	Ft
0100	Embankment, CIP	2050010	824.000	Cyd
0110	Excavation, Earth	2050016	1,449.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0130	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	54.000	Ea
0150	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	37.000	Ea
0160	Erosion Control, Silt Fence	2080036	800.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0180	Aggregate Base, 6 inch	3020016	4,591.000	Syd
0190	Maintenance Gravel, LM	3060021	445.000	Cyd
0200	_ Shoulder, CI II, Modified	3077031	50.000	Ton
0210	Steel Casing Pipe, 16 inch, Jacked in Place	4011122	15.000	Ft
0220	Sewer, CI A, 12 inch, Tr Det B	4020033	59.000	Ft
0230	Sewer, CI A, 15 inch, Tr Det B	4020034	34.000	Ft
0240	Sewer, CI IV, 12 inch, Tr Det B	4020987	97.000	Ft
0250	Sewer Tap, 12 inch	4021204	1.000	Ea
0260	Sewer Tap, 15 inch	4021205	1.000	Ea
0270	Dr Structure Cover, Adj, Case 1	4030005	76.000	Ea

0280	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0290	Dr Structure Cover, Type B	4030010	10.000	Ea
0300	Dr Structure Cover, Type G	4030040	1.000	Ea
0310	Dr Structure Cover, Type K	4030050	47.000	Ea
0320	Dr Structure Cover, Type Q	4030065	14.000	Ea
0330	Dr Structure, 24 inch dia	4030200	1.000	Ea
0340	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0350	Dr Structure, Tap, 12 inch	4030312	8.000	Ea
0360	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0370	Dr Structure, Temp Lowering	4030390	40.000	Ea
0380	Cold Milling HMA Surface	5010002	10,111.000	Syd
0390	HMA Surface, Rem	5010005	26,801.000	Syd
0400	HMA Quality Initiative	5010007	17,690.000	Dlr
0410	Joint and Crack, Cleanout	5010015	5,000.000	Ft
0420	Longitudinal Joint Density Quality Initiative	5010018	27,000.000	Dlr
0430	Pavt Joint and Crack Repr, Det 7	5010020	3,000.000	Ft
0440	Pavt Joint and Crack Repr, Det 8	5010021	2,000.000	Ft
0450	Hand Patching	5010025	397.000	Ton
0460	HMA, 4E3, High Stress	5010509	3,522.000	Ton
0470	HMA, 5E3, High Stress	5010515	4,128.000	Ton
0480	HMA Approach, High Stress	5010520	798.000	Ton
0490	Cold Milling Conc Pavt	6030014	300.000	Syd
0500	Joint, Contraction, Crg	6030020	50.000	Ft
0510	Lane Tie, Epoxy Anchored	6030030	3,216.000	Ea
0520	Non-Chloride Accelerator	6030035	5.000	Gal
0530	Pavt Repr, Rem	6030080	400.000	Syd
0540	Saw Cut, Intermediate	6030090	422.000	Ft
0550	_ Vibration Monitoring	8007051	1.000	LSUM
0560	Driveway, Nonreinf Conc, 6 inch	8010005	1,682.000	Syd
0570	Curb and Gutter, Conc, Det F4	8020038	694.000	Ft
0580	Driveway Opening, Conc, Det M	8020050	703.000	Ft
0590	_ Curb and Gutter, Conc, Det F3, Modified	8027001	6,712.000	Ft
0600	_ Curb and Gutter, Conc, Det F4, Modified	8027001	1,692.000	Ft
0610	Detectable Warning Surface	8030010	322.000	Ft
0620	Sidewalk Ramp, Conc, 6 inch	8030036	2,433.000	Sft
0630	Sidewalk, Conc, 4 inch	8030044	6,367.000	Sft
0640	Sidewalk, Conc, 6 inch	8030046	4,571.000	Sft
0650	Fence, Moving	8080120	30.000	Ft
0660	Post, Steel, 3 lb	8100371	1,231.000	Ft
0670	Post, Wood, 4 inch by 6 inch	8100380	46.000	Ft
0680	Sign, Type II, Rem	8100397	10.000	Ea
0690	Sign, Type IIA	8100398	17.000	Sft
0700	Sign, Type IIB	8100399	42.000	Sft
0710	Sign, Type III, Erect, Salv	8100402	36.000	Ea
0720	Sign, Type III, Rem	8100403	101.000	Ea

0730	Sign, Type IIIA	8100404	170.000	Sft
0740	Sign, Type IIIB	8100405	168.000	Sft
0750	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	990.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	535.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0790	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, School	8110074	3.000	Ea
0810	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,995.000	Ft
0820	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	20,338.000	Ft
0830	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	10,705.000	Ft
0840	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	255.000	Ft
0850	Recessing Pavement Markings, Longit	8110450	33,295.000	Ft
0860	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
0870	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
0880	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0890	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0900	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0910	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0920	Ltg for Night Work	8120160	1.000	LSUM
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Mobile Attenuator	8120180	1.000	Ea
0950	Pavt Mrkg Cover, Type R, Black	8120200	660.000	Ft
0960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,400.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	24,280.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	960.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	640.000	Ft
1000	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
1010	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
1020	Sign Cover	8120310	10.000	Ea
1030	Sign, Type B, Temp, Prismatic, Furn	8120350	1,468.000	Sft
1040	Sign, Type B, Temp, Prismatic, Oper	8120351	1,468.000	Sft
1050	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	642.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	642.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	_ Pedestrian Type II Barricade, Temp	8127050	26.000	Ea
1090	Site Preparation, Max \$600.00	8150001	1.000	LSUM
1100	Watering and Cultivating, First Season, Min \$400.00	8150002	1.000	LSUM
1110	Watering and Cultivating, Second Season, Min \$400.00	8150003	1.000	LSUM
1120	Ulmus americana 'Valley Forge', 1 1/2 inch	8153910	4.000	Ea
1130	_ Turf Establishment, Performance-No Rye	8167011	5,000.000	Syd
1140	Conduit, DB, 1, 1 1/2 inch	8190027	80.000	Ft

1150	Conduit, DB, 1, 3 inch	8190029	85.000	Ft
1160	Conduit, DB, 3, 3 inch	8190035	60.000	Ft
1170	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1180	Hh, Rem	8190254	3.000	Ea
1190	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
1200	Hh, Round	8190260	5.000	Ea
1210	Cable, Sec, 600V, 1, 3/C#6	8190399	165.000	Ft
1220	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
1230	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
1240	Wood Pole, Rem	8190505	4.000	Ea
1250	Case Sign, Rem	8200020	4.000	Ea
1260	Controller and Cabinet, Rem	8200030	2.000	Ea
1270	Controller and Cabinet, Digital Type	8200031	2.000	Ea
1280	Controller Fdn, Base Mount	8200045	1.000	Ea
1290	Global Positioning System Module	8200050	2.000	Ea
1300	Global Positioning System Module, Rem	8200053	1.000	Ea
1310	Digital Loop Detector	8200055	2.000	Ea
1320	Fdn, Rem	8200065	2.000	Ea
1330	Pedestal, Fdn	8200105	2.000	Ea
1340	Pedestal Fdn, Rem	8200106	2.000	Ea
1350	Pedestal, Rem	8200110	2.000	Ea
1360	Power Co. (Est. Cost to Contractor)	8200116	3,000.000	Dlr
1370	Pushbutton and Sign	8200121	4.000	Ea
1380	Pushbutton, Rem	8200122	4.000	Ea
1390	Pushbutton Pedestal, Alum	8200123	2.000	Ea
1400	Serv Disconnect	8200135	2.000	Ea
1410	Serv Disconnect, Rem	8200136	2.000	Ea
1420	Span Wire	8200140	12.000	Ea
1430	Span Wire, Rem	8200141	6.000	Ea
1440	Steel Pole, Rem	8200145	2.000	Ea
1450	Traf Loop	8200170	20.000	Ea
1460	TS, 4th Level Arrow, Rem	8200176	2.000	Ea
1470	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
1480	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1490	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
1500	TS, One Way Span Wire Mtd	8200190	8.000	Ea
1510	TS, One Way Span Wire Mtd, Salv	8200191	10.000	Ea
1520	TS, 4th Level, LTGA, Salv	8200216	4.000	Ea
1530	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1540	TS, 4th Level, LTGA (LED)	8200329	4.000	Ea
1550	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1560	Case Sign, Non-Illuminated, Salv	8200431	2.000	Ea
1570	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	8.000	Ea

1580	TS, Bag	8200450	18.000	Ea
1590	TS, Bag, Rem	8200451	18.000	Ea
1600	TS Head, Temp	8200453	8.000	Ea
1610	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1620	Strain Pole Fdn, 6 Bolt	8200470	50.000	Ft
1630	Casing	8200480	50.000	Ft
1640	Monument Box Adjust	8210005	1.000	Ea
1650	Monument Preservation	8210010	1.000	Ea
1660	Protect Corners	8210020	1.000	Ea
1670	Gate Valve, 8 inch	8230062	4.000	Ea
1680	Gate Well, Rem	8230076	2.000	Ea
1690	Water Main, DI, 6 inch, Tr Det G	8230151	10.000	Ft
1700	Water Main, DI, 8 inch, Tr Det G	8230156	111.000	Ft
1710	Gate Well, 60 inch dia	8230360	4.000	Ea
1720	Water Shutoff, Adj, Temp, Case 1	8230381	13.000	Ea
1730	Water Shutoff, Reconst, Case 1	8230401	5.000	Ea
1740	Gate Box, Reconst, Case 1	8230411	5.000	Ea
1750	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
1760	_ Insulation Board, 2 inch	8237010	333.000	Sft
1770	Contractor Staking, Road Only	8240007	1.000	LSUM
1780	Staking Plan Errors and Extras, One Person	8240020	21.000	Hr
1790	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
1800	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 060

Letting Date: February 3, 2017

Contract ID: 27011-126962

Description: 1.53 mi of hot mix asphalt cold milling and resurfacing, pavement joint repairs, aggregate shoulders, concrete sidewalk ramp upgrades, and pavement markings on US-2 from east of the Wisconsin/Michigan state line southeasterly to west of Tourist Park Road and on US-2BR from east of the Wisconsin/Michigan state line northeasterly to south of the US-2 intersection in the city of Ironwood, Gogebic County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126962A	STP 1727(004)	HK1361	ST 27011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$81,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	631.000	Ft
0030	Curb, Rem	2040021	400.000	Ft
0040	Sidewalk, Rem	2040055	593.000	Syd
0050	Excavation, Earth	2050016	33.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0080	Shoulder, CI II	3070121	104.000	Ton
0090	_ Dr Structure Cover, ADA Compliant	4027050	22.000	Ea
0100	Dr Structure Cover, Adj, Case 1	4030005	42.000	Ea
0110	Pavt, Cleaning	5010001	1.000	LSUM
0120	Cold Milling HMA Surface	5010002	48,617.000	Syd
0130	HMA Quality Initiative	5010007	10,645.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	18,478.000	Dlr
0150	Pavt Joint and Crack Repr, Det 7	5010020	6,778.000	Ft
0160	Pavt Joint and Crack Repr, Det 8	5010021	1,695.000	Ft
0170	Hand Patching	5010025	1,312.000	Ton
0180	HMA, 5E03	5010055	3,588.000	Ton
0190	HMA Approach	5010061	422.000	Ton
0200	Curb, Conc, Det E2	8020002	669.000	Ft
0210	Detectable Warning Surface	8030010	362.000	Ft
0220	Sidewalk Ramp, Conc, 4 inch	8030034	5,453.000	Sft
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,026.000	Ft
0240	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	400.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	507.000	Ft

0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,250.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,000.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,250.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,000.000	Ft
0320	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0330	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0340	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0350	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0360	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	1.000	Ea
0370	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0380	Protective Ovly, Snowmobile Trail Crossing	8110550	67.000	Syd
0390	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0400	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0410	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0420	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0430	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	350.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	800.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	350.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	800.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	_ Pedestrian Type II Barricade, Temp	8127050	12.000	Ea
0550	Fertilizer, Chemical Nutrient, CI A	8160020	10.000	Lb
0560	Mulch	8160025	200.000	Syd
0570	Mulch Anchoring	8160026	200.000	Syd
0580	Seeding, Mixture THM	8160039	10.000	Lb
0590	Topsoil Surface, Furn, 4 inch	8160062	200.000	Syd
0600	Protect Corners	8210020	2.000	Ea
0610	Gate Box, Adj, Case 1	8230431	4.000	Ea
0620	Contractor Staking, Road Only	8240007	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 061

Letting Date: February 3, 2017

Contract ID: 38011-129213

Description: 4.42 mi of overband crack filling and fiber-reinforced bituminous membrane, Type B interlayer, placed on all paved lanes and shoulders, permanent pavement markings, centerline and shoulder corrugations, and shoulder gravel on M-99 from Railroad Street northeasterly to the Jackson/Eaton county line in the city of Springport, Jackson County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129213A	STP 1738(006)	HK1366	ST 38011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$73,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,209.000	Ton
0030	Overband Crack Fill, Lane	5020003	8.830	Lnmi
0040	Micro-Surface, Single Cse, Warranty	5040020	91,153.000	Syd
0050	Fiber Reinforced Bituminous Membrane, Type B, Special	5047011	91,153.000	Syd
0060	Delineator, Reflective Sheeting, 4 inch by 8 inch, White	8100148	56.000	Ea
0070	Post, Delineator	8100350	28.000	Ea
0080	Post, Steel, 3 lb	8100371	210.000	Ft
0090	Sign, Type IIIB	8100405	70.000	Sft
0100	Reflective Panel for Permanent Sign Support, 6 foot	8100616	48.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,100.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	46,622.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,100.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	46,622.000	Ft
0150	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0160	Channelizing Device, 42 inch, Furn	8120030	125.000	Ea
0170	Channelizing Device, 42 inch, Oper	8120031	125.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0220	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0230	Sign Cover	8120310	30.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea

0250	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	475.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	475.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	Monument Box Adjust	8210005	1.000	Ea
0300	Centerline Corrugations, Milled, HMA	8220013	23,311.000	Ft
0310	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	41,913.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1702 062

Letting Date: February 3, 2017

Contract ID: 46072-116357

Description: 0.23 mi of hot mix asphalt widening for center left-turn lane, storm sewer modifications, drainage, concrete sidewalk, curb, gutter and driveway, permanent pavement markings, signing and signal modernization on M-52 from Bent Oak Avenue/Seeley Street to north of Albert Street in the city of Adrian, Lenawee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116357A	HSIP 1746(006)	KK4251	HSIP 46072
120381A	CMG 1746(005)	JJ5609	CMG 46072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	6.000	Ea
0030	Dr Structure, Rem	2030011	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	60.000	Ft
0050	Curb and Gutter, Rem	2040020	1,972.000	Ft
0060	Curb, Rem	2040021	23.000	Ft
0070	Guardrail, Rem	2040035	13.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0090	Pavt, Rem	2040050	750.000	Syd
0100	Sidewalk, Rem	2040055	891.000	Syd
0110	Embankment, CIP	2050010	274.000	Cyd
0120	Excavation, Earth	2050016	1,436.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0190	Project Cleanup	2090001	1.000	LSUM
0200	Subbase, CIP	3010002	114.000	Cyd
0210	Aggregate Base, 6 inch	3020016	2,541.000	Syd
0220	_ Intersection Maintenance	3067050	4.000	Ea
0230	_ Sidewalk Ramp Maintenance	3067050	10.000	Ea
0240	_ Driveway Maintenance, Commercial	3067050	13.000	Ea
0250	_ Driveway Maintenance, Residential	3067050	1.000	Ea

0260	Sewer, CI E, 12 inch, Tr Det B	4020600	90.000	Ft
0270	Video Taping Sewer and Culv Pipe	4021275	90.000	Ft
0280	Dr Structure Cover, Adj, Case 1, Modified	4030004	15.000	Ea
0290	Dr Structure Cover, Type K	4030050	8.000	Ea
0300	Dr Structure, 48 inch dia	4030210	8.000	Ea
0310	Underdrain, Subgrade, 6 inch	4040073	1,800.000	Ft
0320	Pavt, Cleaning	5010001	1.000	LSUM
0330	Cold Milling HMA Surface	5010002	5,105.000	Syd
0340	HMA Surface, Rem	5010005	439.000	Syd
0350	HMA Quality Initiative	5010007	1,982.000	Dlr
0360	Longitudinal Joint Density Quality Initiative	5010018	2,000.000	Dlr
0370	HMA, 3E3	5010045	148.000	Ton
0380	HMA, 3E3, High Stress	5010503	148.000	Ton
0390	HMA, 5E3, High Stress	5010515	466.000	Ton
0400	HMA Approach, High Stress	5010520	229.000	Ton
0410	Conc Quality Initiative	6020401	1,787.000	Dlr
0420	_ Pedestrian Path, Temp	8007001	80.000	Ft
0430	_ Maintaining Water Sprinkler System	8007050	2.000	Ea
0440	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0450	Driveway, Nonreinf Conc, 8 inch	8010007	533.000	Syd
0460	Curb, Conc, Det E2	8020002	22.000	Ft
0470	Curb and Gutter, Conc, Det C2	8020021	1,577.000	Ft
0480	Curb and Gutter, Conc, Det C4	8020023	94.000	Ft
0490	Curb and Gutter, Conc, Det D1	8020030	45.000	Ft
0500	Driveway Opening, Conc, Det M	8020050	179.000	Ft
0510	Sidewalk Ramp, Conc, 4 inch	8030034	2,051.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	5,995.000	Sft
0530	_ Detectable Warning Surface, Cast Iron, Special	8037001	123.000	Ft
0540	_ Decorative Conc, Surface, 4 inch	8037010	900.000	Sft
0550	_ Sidewalk, Conc, 12 inch, Special	8037010	5.000	Sft
0560	_ Sidewalk, Conc, 8 inch, Special	8037010	1,494.000	Sft
0570	Fdn, Wood Support, Rem	8100280	1.000	Ea
0580	Post, Steel, 3 lb	8100371	198.000	Ft
0590	Post, Wood, 4 inch by 6 inch	8100380	36.000	Ft
0600	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0610	Sign, Type II, Rem	8100397	6.000	Ea
0620	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0630	Sign, Type III, Rem	8100403	15.000	Ea
0640	Pavt Mrkg, Polyurea, 4 inch, White	8110091	760.000	Ft
0650	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,900.000	Ft
0660	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	640.000	Ft
0670	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	148.000	Ft
0680	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0690	Recessing Pavement Markings, Longit	8110450	4,160.000	Ft
0700	Recessing Pavement Markings, Transv	8110451	788.000	Sft

0710	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0720	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0730	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0740	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0750	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0760	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0770	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	250.000	Ft
0810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	500.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,100.000	Ft
0830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,100.000	Ft
0840	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0850	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0860	Sign Cover	8120310	35.000	Ea
0870	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0880	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0890	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0900	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0930	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	100.000	Sft
0940	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	100.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	_ Pedestrian Type II Barricade, Temp	8127050	10.000	Ea
0970	Slope Restoration, Type B	8160101	1,162.000	Syd
0980	Cable Pole, TS and Sec, Disman	8190009	1.000	Ea
0990	Cable Pole, TS, Disman	8190010	2.000	Ea
1000	Conduit, DB, 1, 1 1/2 inch	8190027	155.000	Ft
1010	Conduit, DB, 3, 3 inch	8190035	95.000	Ft
1020	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1030	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
1040	Hh, Round	8190260	3.000	Ea
1050	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
1060	Wood Pole	8190465	3.000	Ea
1070	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1080	Wood Pole, Rem	8190505	3.000	Ea
1090	Case Sign, Rem	8200020	3.000	Ea
1100	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
1110	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1120	Controller and Cabinet, Rem	8200030	2.000	Ea

1130	Controller and Cabinet, Digital Type, Master	8200033	1.000	Ea
1140	Controller and Cabinet, Salv	8200037	1.000	Ea
1150	Controller Fdn, Base Mount	8200045	1.000	Ea
1160	Fdn, Rem	8200065	2.000	Ea
1170	Pedestal, Alum	8200100	2.000	Ea
1180	Pedestal, Fdn	8200105	2.000	Ea
1190	Pushbutton and Sign	8200121	4.000	Ea
1200	Serv Disconnect	8200135	2.000	Ea
1210	Serv Disconnect, Rem	8200136	2.000	Ea
1220	Span Wire	8200140	5.000	Ea
1230	Span Wire, Rem	8200141	2.000	Ea
1240	Steel Pole, Rem	8200145	2.000	Ea
1250	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1260	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1270	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
1280	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1290	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1300	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1310	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1320	Wireless Intercn, Closed Loop, Salv	8200389	1.000	Ea
1330	Wireless Vehicle Detection System	8200422	1.000	Ea
1340	Wireless Vehicle Sensor Node	8200425	10.000	Ea
1350	TS Head, Temp	8200453	4.000	Ea
1360	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1370	Strain Pole Fdn, 6 Bolt	8200470	46.000	Ft
1380	Casing	8200480	32.000	Ft
1390	Monument Preservation	8210010	3.000	Ea
1400	Protect Corners	8210020	2.000	Ea
1410	Hydrant, Relocate, Case 2	8230096	2.000	Ea
1420	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1430	Gate Box, Adj, Case 1	8230431	10.000	Ea
1440	_ Water Main Conflict, 10 inch	8237050	2.000	Ea
1450	_ Water Sampling Station, Relocate, Case 2	8237050	1.000	Ea
1460	Contractor Staking, Road Only	8240007	1.000	LSUM
1470	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
1480	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1490	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 063

Letting Date: February 3, 2017

Contract ID: 47041-131032

Description: 23.59 mi of non-freeway signing upgrade on M-36 from the Ingham county line easterly to US-23, Ingham and Livingston Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131032A	STPG 1747(005)	JJ5610	STG 47041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,101.68	1500001	1.000	LSUM
0020	Band, Sign	8100010	4.000	Ea
0030	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	500.000	Ea
0040	Fdn, Wood Support, Rem	8100280	90.000	Ea
0050	Installing MDOT Supplied Sign, Type III	8100302	15.000	Ea
0060	Post Hole Through Conc for Steel Post	8100340	10.000	Ea
0070	Post, Delineator	8100350	1,000.000	Ea
0080	Post, Flexible, Delineator	8100360	500.000	Ea
0090	Post, Steel, 3 lb	8100371	14,402.000	Ft
0100	Post, Wood, 4 inch by 6 inch	8100380	1,148.000	Ft
0110	Post, Wood, 6 inch by 8 inch	8100382	302.000	Ft
0120	Sign, Type II, Rem	8100397	125.000	Ea
0130	Sign, Type IIA	8100398	665.000	Sft
0140	Sign, Type IIB	8100399	228.000	Sft
0150	Sign, Type III, Rem	8100403	849.000	Ea
0160	Sign, Type IIIA	8100404	954.000	Sft
0170	Sign, Type IIIB	8100405	3,527.000	Sft
0180	Sign, Type VB	8100425	564.000	Sft
0190	Reflective Panel for Permanent Sign Support, 3 foot	8100613	72.000	Ea
0200	Reflective Panel for Permanent Sign Support, 6 foot	8100616	174.000	Ea
0210	_ Delineator Reflector, Rectangular, 3 inch by 6 inch, White	8107050	1,000.000	Ea
0220	_ Delineator, Rem	8107050	1,500.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	350.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	350.000	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	Mobile Attenuator	8120180	2.000	Ea
0290	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0310	Sign Cover	8120310	20.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	472.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	472.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0360	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0370	Contractor Staking, Road Only	8240007	1.000	LSUM
0380	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0390	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0400	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1702 064

Letting Date: February 3, 2017

Contract ID: 21011-122995

Description: Bridge removal and replacement with a three-sided culvert, hot mix asphalt surfacing and guardrail on County Road I-26 over Tacoosh River, Delta County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122995A	BRO 1721(004)	RT0561	BRO 21011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0040	Structures, Rem	2040060	1.000	LSUM
0050	Embankment, CIP	2050010	50.000	Cyd
0060	Excavation, Channel	2050015	20.000	Cyd
0070	Excavation, Earth	2050016	1,258.000	Cyd
0080	Backfill, Structure, CIP	2060002	474.000	Cyd
0090	Excavation, Fdn	2060010	348.000	Cyd
0100	Excavation, Rock Fdn	2060011	10.000	Cyd
0110	Erosion Control, Filter Bag	2080014	2.000	Ea
0120	Erosion Control, Silt Fence	2080036	420.000	Ft
0130	Subbase, CIP	3010002	730.000	Cyd
0140	Aggregate Base, 8 inch	3020020	1,781.000	Syd
0150	Approach, CI II, LM	3070023	15.000	Cyd
0160	Shoulder, CI II, 3 inch	3070125	350.000	Syd
0170	Underdrain, Fdn, 4 inch	4040031	105.000	Ft
0180	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0190	_ Culv, Precast Three-Sided or Arch, Modified, 36 foot by 3 foot	4067001	32.000	Ft
0200	_ Wingwall, Precast	4067001	40.000	Ft
0210	HMA Approach	5010061	12.000	Ton
0220	HMA, LVSP	5010703	225.000	Ton
0230	Cofferdams	7040007	1.000	LSUM
0240	Conc, Grade T	7060013	54.000	Cyd
0250	Reinforcement, Steel, Epoxy Coated	7060092	2,618.000	Lb
0260	Substructure Conc	7060100	39.000	Cyd
0270	Membrane, Preformed Waterproofing	7100008	1,435.000	Sft

0280	Conc Surface Coating	7100011	160.000	Syd
0290	Guardrail, Type B	8070000	213.000	Ft
0300	Guardrail, Curved, Type B	8070010	44.000	Ft
0310	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0320	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0330	Guardrail Post, Culv	8070070	26.000	Ea
0340	Guardrail Reflector	8070080	32.000	Ea
0350	Post, Steel, 3 lb	8100371	70.000	Ft
0360	Sign, Type I, Rem	8100391	4.000	Ea
0370	Sign, Type IIIA	8100404	22.000	Sft
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,050.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,050.000	Ft
0400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0440	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	383.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	383.000	Sft
0470	Riprap, Heavy	8130005	95.000	Syd
0480	Riprap, Plain	8130010	300.000	Syd
0490	_ Slope Restoration	8167011	965.000	Syd
