

Schedule of Pay Items

Report v1

Letting Call: 1603 001

Letting Date: March 4, 2016

Contract ID: 81020-123009

Description: Removal of existing bridge, exit ramp and entrance ramp, hot mix asphalt removal, cold milling and resurfacing, concrete curb and gutter, aggregate base, drainage, traffic signal, and pavement markings on Wiard Road at Tyler Road, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123009A	N/A	N/A	MCS 81020

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$97,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.040	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Dr Structure, Rem	2030011	9.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	446.000	Ft
0070	Curb and Gutter, Rem	2040020	2,081.000	Ft
0080	Guardrail, Rem	2040035	1,216.000	Ft
0090	Pavt, Rem	2040050	570.000	Syd
0100	Embankment, CIP	2050010	10,595.000	Cyd
0110	Excavation, Earth	2050016	2,740.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0150	Erosion Control, Sediment Trap	2080034	3.000	Ea
0160	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0180	_ Aggregate Base, 6 inch, Modified	3027011	3,055.000	Syd
0190	_ Shoulder, CI II, 6 inch, Modified	3077011	511.000	Syd
0200	Culv End Sect, 12 inch	4010012	1.000	Ea
0210	Culv End Sect, 18 inch	4010018	1.000	Ea
0220	Sewer, CI A, 12 inch, Tr Det A	4020004	18.000	Ft
0230	Sewer, CI A, 18 inch, Tr Det A	4020006	144.000	Ft
0240	Video Taping Sewer and Culv Pipe	4021275	159.000	Ft
0250	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0260	Dr Structure Cover, Type B	4030010	3.000	Ea
0270	Dr Structure Cover, Type E	4030035	1.000	Ea

0280	Dr Structure, 48 inch dia	4030210	2.000	Ea
0290	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	11.000	Ft
0300	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	9.000	Ft
0310	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0320	_ Sanitary Structure Cover, Adj, Case 2	4037050	1.000	Ea
0330	_ Sanitary Structure Seal	4037050	1.000	Ea
0340	Cold Milling HMA Surface	5010002	1,017.000	Syd
0350	HMA Surface, Rem	5010005	5,952.000	Syd
0360	Hand Patching	5010025	25.000	Ton
0370	HMA, 4E1	5010050	568.000	Ton
0380	HMA, 5E1	5010056	274.000	Ton
0390	HMA Approach	5010061	180.000	Ton
0400	Curb and Gutter, Conc, Det B2	8020016	104.000	Ft
0410	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0420	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0430	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0440	Fdn, Wood Support, Rem	8100280	14.000	Ea
0450	Post, Steel, 3 lb	8100371	492.000	Ft
0460	Post, Wood, 4 inch by 6 inch	8100380	138.000	Ft
0470	Post, Wood, 6 inch by 8 inch	8100382	236.000	Ft
0480	Sign, Type I, Rem	8100391	2.000	Ea
0490	Sign, Type IA	8100392	130.000	Sft
0500	Sign, Type II, Rem	8100397	13.000	Ea
0510	Sign, Type IIA	8100398	280.000	Sft
0520	Sign, Type IIB	8100399	24.000	Sft
0530	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0540	Sign, Type III, Rem	8100403	47.000	Ea
0550	Sign, Type IIIA	8100404	83.000	Sft
0560	Sign, Type IIIB	8100405	63.000	Sft
0570	Sign, Type VB	8100425	12.000	Sft
0580	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	64.000	Ft
0590	Pavt Mrkg, Waterborne, 4 inch, White	8110231	650.000	Ft
0600	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,700.000	Ft
0610	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,570.000	Ft
0620	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,688.000	Ft
0630	Pavt Mrkg, Waterborne, 12 inch, White	8110237	519.000	Ft
0640	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	285.000	Ft
0650	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	650.000	Ft
0660	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,700.000	Ft
0670	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,570.000	Ft
0680	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,688.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	519.000	Ft

0700	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	285.000	Ft
0710	Rem Spec Mrkg	8110343	70.000	Sft
0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0740	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0750	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0780	Minor Traf Devices	8120170	1.000	LSUM
0790	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,410.000	Ft
0800	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,230.000	Ft
0810	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	200.000	Ft
0820	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	200.000	Ft
0830	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	200.000	Ft
0840	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	200.000	Ft
0850	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0860	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0870	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	312.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	312.000	Sft
0890	Traf Regulator Control	8120370	1.000	LSUM
0900	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0910	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0920	_ Riprap, Plain, Modified	8137011	4.000	Syd
0930	_ Turf Establishment, Performance	8167011	8,600.000	Syd
0940	Conduit, Rem	8190140	380.000	Ft
0950	Hh, Rem	8190254	4.000	Ea
0960	Case Sign, Rem	8200020	1.000	Ea
0970	Controller and Cabinet, Rem	8200030	1.000	Ea
0980	Span Wire, Rem	8200141	1.000	Ea
0990	TS, Span Wire Mtd, Rem	8200182	2.000	Ea

Section: 0002

1000	Structures, Rem	2040060	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 1603 002

Letting Date: March 4, 2016

Contract ID: 23013-118674-2

Description: Bridge removal and replacement with 17-inch prestressed concrete beams and hot mix asphalt approach work on St. Joe Highway over Sebewa Creek, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
118674A	BRO 1523(016)	RT0195	BRO 23013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$65,100.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	5.000	Sta
0030	Guardrail, Rem	2040035	100.000	Ft
0040	Embankment, CIP	2050010	50.000	Cyd
0050	Excavation, Earth	2050016	1,300.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0070	_ Aggregate, 6AA, Slag	2057021	450.000	Cyd
0080	Erosion Control, Silt Fence	2080036	832.000	Ft
0090	Subbase, CIP	3010002	650.000	Cyd
0100	Aggregate Base, 8 inch	3020020	1,764.000	Syd
0110	Shoulder, CI II, 6 inch	3070128	183.000	Syd
0120	_ Biaxial Geogrid I	3087011	430.000	Syd
0130	HMA Surface, Rem	5010005	1,005.000	Syd
0140	HMA, 13A	5010033	457.000	Ton
0150	Curb and Gutter, Bridge Approach	8020010	94.000	Ft
0160	Guardrail, Type B	8070000	125.000	Ft
0170	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0180	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0190	Guardrail Reflector	8070080	24.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	920.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	221.000	Ft
0220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	7.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	7.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	310.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	310.000	Sft
0270	Ditch, Plain Cobble	8140005	20.000	Syd
0280	_ Slope Restoration, Modified	8167011	902.000	Syd

Section: 0002

0290	Structures, Rem	2040060	1.000	LSUM
0300	Excavation, Peat	2050017	50.000	Cyd
0310	Backfill, Structure, CIP	2060002	340.000	Cyd
0320	Excavation, Fdn	2060010	750.000	Cyd
0330	_ Aggregate Mud Mat	2067021	32.000	Cyd
0340	Erosion Control, Filter Bag	2080014	2.000	Ea
0350	_ Turbidity Curtain, Modified	2087001	160.000	Ft
0360	Cofferdams	7040007	1.000	LSUM
0370	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0380	Pile, Steel, Furn and Driven, 12 inch	7050030	2,604.000	Ft
0390	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0400	Pile, Steel, Splice	7050050	51.000	Ea
0410	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0420	Bridge Ltg, Oper and Maintain	7060002	70.000	Cyd
0430	Conc, Grade T	7060013	90.000	Cyd
0440	Reinforcement, Steel, Epoxy Coated	7060092	29,174.000	Lb
0450	Substructure Conc	7060100	166.000	Cyd
0460	Superstructure Conc	7060110	15.000	Cyd
0470	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0480	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0490	Superstructure Conc, Night Casting	7060113	70.000	Cyd
0500	Bearing, Elastomeric, 1 inch	7070012	5,244.000	Sin
0510	Prest Conc Deck, 17 inch	7080002	1,645.000	Sft
0520	Post Tensioning	7080015	1.000	LSUM
0530	Joint Waterproofing	7100001	269.000	Sft
0540	Conc Surface Coating	7100010	1.000	LSUM
0550	Bridge Barrier Railing, Type 4	7110001	88.000	Ft
0560	Riprap, Heavy	8130005	400.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 1603 003

Letting Date: March 4, 2016

Contract ID: 76609-127416

Description: 0.06 mi of hot mix asphalt removal and resurfacing, culvert replacement, road widening and alignment, guardrail, pavement markings and slope restoration on North Street over Corlett Creek, Shiawassee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127416A	HSIP 1676(004)	RT0326	HSIP 76609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$22,400.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	24.000	Ft
0050	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0060	Guardrail, Rem	2040035	131.000	Ft
0070	Pavt, Rem	2040050	29.000	Syd
0080	Exploratory Investigation, Vertical	2040080	10.000	Ft
0090	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0100	_ Machine Grading, Modified	2057002	4.000	Sta
0110	Erosion Control, Check Dam, Stone	2080012	44.000	Ft
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0130	Erosion Control, Sediment Basin	2080032	7.000	Cyd
0140	Erosion Control, Silt Fence	2080036	300.000	Ft
0150	_ Aggregate Base, 6 inch, Modified	3027011	1,248.000	Syd
0160	Maintenance Gravel	3060020	20.000	Ton
0170	_ Approach, CI I, 8 inch, Modified	3077011	65.000	Syd
0180	Geotextile, Separator	3080005	1,248.000	Syd
0190	Culv End Sect, 12 inch	4010012	2.000	Ea
0200	Culv End Sect, 15 inch	4010015	2.000	Ea
0210	Culv, CI F, 15 inch	4010608	32.000	Ft
0220	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	20.000	Ft
0230	_ Precast Concrete Wingwall System	4017051	1.000	LSUM
0240	Sewer, CI A, 12 inch, Tr Det B	4020033	164.000	Ft
0250	Sewer, CI A, 18 inch, Tr Det B	4020035	16.000	Ft
0260	_ Sump Pump Lead and Drain Tile Connection	4027001	72.000	Ft
0270	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea

0280	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0290	Dr Structure Cover, Type B	4030010	1.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0310	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0320	_ Dr Structure Cover, Type DG	4037050	2.000	Ea
0330	_ Dr Structure, 24 inch dia, Modified	4037050	1.000	Ea
0340	_ Dr Structure, 36 inch dia, Modified	4037050	1.000	Ea
0350	_ Dr Structure, 48 inch dia, Modified	4037050	1.000	Ea
0360	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0380	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0390	_ Culv, Precast Conc Box, 11 foot by 6 foot, Modified	4067001	80.000	Ft
0400	HMA Surface, Rem	5010005	711.000	Syd
0410	HMA Approach	5010061	3.000	Ton
0420	HMA, LVSP	5010703	282.000	Ton
0430	Driveway, Nonreinf Conc, 6 inch	8010005	47.000	Syd
0440	Guardrail, Type B	8070000	125.000	Ft
0450	Guardrail, Backed, Det G2	8070016	2.000	Ea
0460	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0470	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0480	Guardrail Reflector	8070080	8.000	Ea
0490	Post, Mailbox	8070095	3.000	Ea
0500	Sign, Type III, Rem	8100403	8.000	Ea
0510	Pavt Mrkg, Waterborne, 4 inch, White	8110231	680.000	Ft
0520	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	88.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	680.000	Ft
0540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	88.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	30.000	Ft
0610	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	30.000	Ft
0620	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0630	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	539.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	539.000	Sft
0670	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	88.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	88.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0700	Riprap, Heavy	8130005	70.000	Syd

0710	_ Turf Establishment, Performance	8167011	1,050.000	Syd
0720	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
0730	Water Main, DI, 12 inch, Tr Det G	8230166	121.000	Ft
0740	Water Serv, Conflict	8230250	2.000	Ea
0750	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0760	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0770	Gate Box, Adj, Case 1	8230431	1.000	Ea
0780	Gate Box, Adj, Case 2	8230432	1.000	Ea
0790	_ Connection to Existing 12 inch Water Main	8237050	2.000	Ea
0800	_ Abandon Existing Water Main, In Place	8237051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 1603 004

Letting Date: March 4, 2016

Contract ID: 82457-127711

Description: Modernization of traffic signals at 55 locations in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127711A	STPG 1682(219)	JJ5470	SUG 82457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$121,600.00	1500001	1.000	LSUM
0020	Masonry and Conc Structure, Rem	2040045	15.000	Cyd
0030	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	_ Curb, Rem, Modified	2047001	546.000	Ft
0050	_ Sidewalk, Rem, Modified	2047011	568.000	Syd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0070	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	3.000	Ea
0080	Hand Patching	5010025	8.000	Ton
0090	Curb and Gutter, Conc, Det C3	8020022	520.000	Ft
0100	Detectable Warning Surface	8030010	90.000	Ft
0110	Sidewalk Ramp, Conc, 6 inch	8030036	1,897.000	Sft
0120	Sidewalk, Conc, 4 inch	8030044	2,972.000	Sft
0130	Sidewalk, Conc, 6 inch	8030046	25.000	Sft
0140	Sign, Type IIIB	8100405	18.000	Sft
0150	Mast Arm Pole, Cat II	8100511	7.000	Ea
0160	Mast Arm, 25 foot, Cat II	8100531	1.000	Ea
0170	Mast Arm, 35 foot, Cat II	8100533	5.000	Ea
0180	Mast Arm, 45 foot, Cat II	8100535	5.000	Ea
0190	Mast Arm Pole Fdn, 6 Bolt	8100550	84.000	Ft
0200	Mast Arm, Rem	8100560	49.000	Ea
0210	Mast Arm Std, Rem	8100570	23.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	900.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	910.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	295.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0270	Rem Spec Mrkg	8110343	2,794.000	Sft
0280	_ Recessing for Pavt Mrkg, 18 inch	8117001	295.000	Ft

0290	_ Recessing for Pavt Mrkg, 6 inch	8117001	910.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Mobile Attenuator	8120180	1.000	Ea
0360	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Sodding	8160055	50.000	Syd
0420	Topsoil Surface, Furn, LM	8160071	5.000	Cyd
0430	Cable Pole, Sec, Disman	8190006	7.000	Ea
0440	Cable Pole, TS and Sec, Disman	8190009	5.000	Ea
0450	Cable Pole, TS, Disman	8190010	9.000	Ea
0460	Cable, Intercn, Rem	8190015	1,100.000	Ft
0470	Cable, Rem	8190016	14,355.000	Ft
0480	Cable, Sec, Rem	8190017	4,325.000	Ft
0490	Hh, Abandon	8190240	3.000	Ea
0500	Hh, Rem	8190254	13.000	Ea
0510	Hh, Round, 3 foot Dia.	8190259	5.000	Ea
0520	Hh, Round	8190260	1.000	Ea
0530	Light Std Arm, Install Salv	8190276	1.000	Ea
0540	Light Std Arm, Rem and Salv	8190278	1.000	Ea
0550	Luminaire, Install Salv	8190350	1.000	Ea
0560	Luminaire, Rem and Salv	8190365	1.000	Ea
0570	Cable, Sec, 600V, 1, 3/C#6	8190399	965.000	Ft
0580	Wood Pole, Cl 4, 35 foot	8190472	3.000	Ea
0590	Wood Pole, Rem	8190505	34.000	Ea
0600	_ Conduit, DB, 1, 1 1/2 inch, Modified	8197001	12.000	Ft
0610	_ Conduit, Encased, 1, 3 inch, Modified	8197001	35.000	Ft
0620	_ Conduit, Encased, 2, 3 inch, Modified	8197001	485.000	Ft
0630	_ Conduit, Encased, 3, 4 inch, Modified	8197001	116.000	Ft
0640	_ Recable, EVP, GPS System	8197001	190.000	Ft
0650	_ Recable, Radio System, Cat5e	8197001	400.000	Ft
0660	_ Recable, RSE	8197001	230.000	Ft
0670	_ Wood Pole, Cl 2, 40 foot	8197050	2.000	Ea
0680	Anchor Guy	8200001	2.000	Ea
0690	Case Sign, Rem	8200020	27.000	Ea
0700	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	19.000	Ea
0710	Controller and Cabinet, Rem	8200030	9.000	Ea

0720	Controller Fdn, Base Mount	8200045	6.000	Ea
0730	Controller Fdn, Rem	8200046	31.000	Ea
0740	Fdn, Rem	8200065	85.000	Ea
0750	Pedestal Fdn, Rem	8200106	72.000	Ea
0760	Pedestal, Rem	8200110	66.000	Ea
0770	Power Co. (Est. Cost to Contractor)	8200116	38,000.000	Dlr
0780	Pushbutton and Sign	8200121	2.000	Ea
0790	Pushbutton, Rem	8200122	30.000	Ea
0800	Serv Disconnect	8200135	11.000	Ea
0810	Span Wire	8200140	22.000	Ea
0820	Span Wire, Rem	8200141	49.000	Ea
0830	Span Wire Tether	8200142	22.000	Ea
0840	Steel Pole, Rem	8200145	50.000	Ea
0850	Strain Pole, Steel, Anchor Base, 30 foot	8200155	8.000	Ea
0860	Strain Pole, Steel, Anchor Base, 36 foot	8200157	7.000	Ea
0870	Strain Pole, Steel, Anchor Fdn	8200165	15.000	Ea
0880	Strut Guy	8200168	2.000	Ea
0890	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
0900	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0910	TS, Pedestal Mtd, Rem	8200179	4.000	Ea
0920	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	26.000	Ea
0930	TS, Pedestrian, Pedestal Mtd, Rem	8200181	23.000	Ea
0940	TS, Span Wire Mtd, Rem	8200182	24.000	Ea
0950	Cabinet, Rem	8200184	41.000	Ea
0960	TS, One Way Span Wire Mtd (LED)	8200313	44.000	Ea
0970	TS, One Way Span Wire Mtd, FYA (LED)	8200314	3.000	Ea
0980	TS, One Way Bracket Arm Mtd (LED)	8200333	3.000	Ea
0990	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	15.000	Ea
1000	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	24.000	Ea
1010	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	5.000	Ea
1020	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
1030	TS, One Way Mast Arm Mtd (LED)	8200359	24.000	Ea
1040	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1050	Video Traf Detection System	8200380	3.000	Ea
1060	Video Traf Detection Camera	8200381	7.000	Ea
1070	Bracket, Truss, Salv	8200385	1.000	Ea
1080	Bracket, Truss, Rem	8200388	1.000	Ea
1090	Casing	8200480	50.000	Ft
1100	_ Controller and Cabinet, Digital Type, ITS	8207050	6.000	Ea
1110	_ Controller and Cabinet, Digital Type, Modified	8207050	5.000	Ea
1120	_ Louvered Backplate	8207050	70.000	Ea
1130	_ Pedestal Alum, Modified	8207050	6.000	Ea

1140	_ Pedestal Fdn, Modified	8207050	6.000	Ea
1150	_ Pushbutton Support Post	8207050	1.000	Ea
1160	_ Steel Pole, Paint	8207050	2.000	Ea
1170	_ Two Way Street Name Sign (LED), Illuminated, 6 foot	8207050	6.000	Ea
1180	_ Two Way Street Name Sign (LED), Illuminated, 8 foot	8207050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 005

Letting Date: March 4, 2016

Contract ID: 77475-121679-2

Description: 0.40 mi of hot mix asphalt shared-use path, concrete curb, gutter, sidewalk and ramps, driveways, aggregate base, drainage and pavement markings on Water Street from I-94 northwesterly to West Water Road, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121679A	TAP 1577(029)	HK0421	TAU 77475

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$16,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	95.000	Ft
0030	Fence, Rem	2040025	190.000	Ft
0040	Pavt, Rem	2040050	110.000	Syd
0050	_ Landscape, Rem, Special	2047050	6.000	Ea
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0070	Erosion Control, Silt Fence	2080036	1,865.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	_ Aggregate Base, Modified	3027011	80.000	Syd
0100	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0110	Culv, CI A, Conc, 12 inch	4010165	60.000	Ft
0120	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0130	Dr Structure Cover, Type G	4030040	1.000	Ea
0140	Dr Structure Cover, Type Q	4030065	1.000	Ea
0150	Dr Structure, 24 inch dia	4030200	1.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0170	HMA Approach	5010061	18.000	Ton
0180	Driveway, Reinf Conc, 8 inch	8010003	43.000	Syd
0190	Curb and Gutter, Conc, Det F4	8020038	95.000	Ft
0200	Detectable Warning Surface	8030010	10.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	65.000	Sft
0220	Shared use Path, Grading	8060030	2,121.000	Ft
0230	Shared use Path, HMA	8060040	353.000	Ton
0240	_ Shared Use Path, Aggregate, Modified	8067011	3,430.000	Syd
0250	_ Shared Use Path, Conc, Modified	8067011	187.000	Syd
0260	Fence, Chain Link, 42 inch	8080010	270.000	Ft
0270	_ Fence, Rustic Split Rail	8087001	45.000	Ft

0280	Sign, Type IIIA	8100404	10.000	Sft
0290	Sign, Type IIIB	8100405	7.000	Sft
0300	_ Post, Wood, 4 inch x 4 inch, Modified	8107001	50.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	70.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	10.000	Ft
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	43.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	43.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	296.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	296.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM



1/29/2016 11:03 AM

Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 006

Letting Date: March 4, 2016

Contract ID: 81031-84004

Description: 0.92 mi of hot mix asphalt reconstruction, concrete pavement, driveway, curb, gutter, sidewalk and ramps, watermain, sanitary sewer, drainage, lighting, streetscaping, signing, traffic signals, and pavement markings on US-12 from Saline River north easterly to Maple Road in the city of Saline, Washtenaw County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127781A	TAP 1681(008)	LL0459	TAU 81031
84004A	NH 1681(007)	HK0809	NH 81031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Incentive, US-12, Open to Traffic	1047060	100,000.000	Dir
0020	Mobilization, Max \$876,800.00	1500001	1.000	LSUM
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	57.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0070	Dr Structure, Abandon	2030010	2.000	Ea
0080	Dr Structure, Rem	2030011	72.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	6,835.000	Ft
0100	Sewer, Rem, 24 inch to 48 inch	2030016	1,107.000	Ft
0110	Guardrail, Rem	2040035	286.000	Ft
0120	Exploratory Investigation, Vertical	2040080	250.000	Ft
0130	_ Pavt, Rem, Special	2047011	35,710.000	Syd
0140	_ Sidewalk, Rem, Modified	2047011	2,296.000	Syd
0150	_ Sidewalk, Rem, Special	2047011	2,821.000	Syd
0160	Embankment, CIP	2050010	2,260.000	Cyd
0170	Excavation, Earth	2050016	46,132.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0200	_ Out of Service Pipeline, Rem, 2 inch to 10 inch	2057001	10,000.000	Ft
0210	Erosion Control, Filter Bag	2080014	1.000	Ea
0220	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0230	Erosion Control, Gravel Filter Berm	2080018	40.000	Ft
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	152.000	Ea
0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	53.000	Ea

0260	Erosion Control, Maintenance, Sediment Removal	2080026	25.000	Cyd
0270	Erosion Control, Silt Fence	2080036	1,265.000	Ft
0280	Project Cleanup	2090001	1.000	LSUM
0290	Subbase, CIP	3010002	42,298.000	Cyd
0300	Aggregate Base, 6 inch	3020016	38,616.000	Syd
0310	_ Driveway Maintenance, Commercial	3067050	39.000	Ea
0320	_ Driveway Maintenance, Residential	3067050	9.000	Ea
0330	_ Intersection Maintenance	3067050	14.000	Ea
0340	Outfall Label	4011115	1.000	Ea
0350	Sewer, Cl A, 12 inch, Tr Det B	4020033	3,530.000	Ft
0360	Sewer, Cl A, 15 inch, Tr Det B	4020034	765.000	Ft
0370	Sewer, Cl A, 18 inch, Tr Det B	4020035	784.000	Ft
0380	Sewer, Cl A, 24 inch, Tr Det B	4020036	1,066.000	Ft
0390	Sewer, Cl A, 30 inch, Tr Det B	4020037	33.000	Ft
0400	Sewer, Cl A, 36 inch, Tr Det B	4020038	239.000	Ft
0410	Sewer, Cl A, 48 inch, Tr Det B	4020040	719.000	Ft
0420	Sewer, Cl E, 12 inch, Tr Det B	4020600	287.000	Ft
0430	Sewer, Cl E, 15 inch, Tr Det B	4020601	25.000	Ft
0440	Sewer, Cl E, 18 inch, Tr Det B	4020602	35.000	Ft
0450	Sewer, Cl E, 36 inch, Tr Det B	4020605	84.000	Ft
0460	Sewer Bulkhead, 15 inch	4021231	2.000	Ea
0470	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0480	Trench Undercut and Backfill	4021260	500.000	Cyd
0490	Video Taping Sewer and Culv Pipe	4021275	7,518.000	Ft
0500	_ Slotted Drain, Galv, 12 inch	4027001	86.000	Ft
0510	_ Dr Structure Cover, ADA Compliant	4027050	1.000	Ea
0520	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0530	Dr Structure Cover, Adj, Case 2	4030006	31.000	Ea
0540	Dr Structure Cover, Type B	4030010	68.000	Ea
0550	Dr Structure Cover, Type D	4030025	12.000	Ea
0560	Dr Structure Cover, Type G	4030040	2.000	Ea
0570	Dr Structure Cover, Type K	4030050	89.000	Ea
0580	Dr Structure, 24 inch dia	4030200	59.000	Ea
0590	Dr Structure, 48 inch dia	4030210	77.000	Ea
0600	Dr Structure, 60 inch dia	4030220	4.000	Ea
0610	Dr Structure, 72 inch dia	4030230	5.000	Ea
0620	Dr Structure, 84 inch dia	4030231	3.000	Ea
0630	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	5.000	Ft
0640	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	5.000	Ft
0650	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	12.000	Ft
0660	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	24.000	Ft
0670	Dr Structure, Tap, 6 inch	4030306	10.000	Ea

0680	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0690	Dr Structure, Tap, 15 inch	4030315	3.000	Ea
0700	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0710	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0720	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
0730	Underdrain, Fdn, 6 inch	4040033	149.000	Ft
0740	Underdrain, Subbase, 6 inch	4040063	12,474.000	Ft
0750	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0760	Underdrain Outlet, 6 inch	4040093	705.000	Ft
0770	Cold Milling HMA Surface	5010002	15,190.000	Syd
0780	HMA Surface, Rem	5010005	6,111.000	Syd
0790	HMA Quality Initiative	5010007	29,200.000	Dlr
0800	Longitudinal Joint Density Quality Initiative	5010018	52,000.000	Dlr
0810	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0820	Hand Patching	5010025	30.000	Ton
0830	HMA, 3E3	5010045	4,813.000	Ton
0840	HMA, 5E3	5010057	1,754.000	Ton
0850	HMA Approach	5010061	1,285.000	Ton
0860	HMA, 4E3, High Stress	5010509	2,959.000	Ton
0870	HMA, 5E3, High Stress	5010515	2,221.000	Ton
0880	HMA Approach, High Stress	5010520	518.000	Ton
0890	HMA, Temp Pavt (LVSP)	5020807	1,037.000	Ton
0900	Joint, Expansion, E3	6020208	70.000	Ft
0910	Joint, Contraction Cp, Intersection	6020250	1,001.000	Ft
0920	Joint, Expansion E2, Intersection	6020270	596.000	Ft
0930	Joint, Plane-of-Weakness W, Intersection	6020310	300.000	Ft
0940	Conc Quality Initiative	6020401	200.000	Dlr
0950	Conc Pavt, Misc, Nonreinf, 8 1/2 inch, High Performance	6020513	1,557.000	Syd
0960	Conc Pavt, Bridge Approach, Reinf	6020600	158.000	Syd
0970	_ Conc Pavt, Decorative, Nonreinf, 8.5 inch	6027011	720.000	Syd
0980	_ Conc Pavt, Misc, Nonreinf, 8.5 inch	6027011	591.000	Syd
0990	Steel Sheet Piling, Temp	7040002	6,600.000	Sft
1000	Cofferdams	7040007	1.000	LSUM
1010	Conc, Grade S2	7060011	59.000	Cyd
1020	Reinforcement, Steel	7060090	2,681.000	Lb
1030	Reinforcement, Steel, Culv and Headwall	7060091	801.000	Lb
1040	Joint Waterproofing	7100001	270.000	Sft
1050	_ Sanitary Sewer, PVC, 15 inch, Tr Det B	8007001	109.000	Ft
1060	_ Sanitary Sewer, PVC, 8 inch, Tr Det G	8007001	2,012.000	Ft
1070	_ Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8007001	13.000	Ft
1080	_ Masonry Column	8007050	4.000	Ea
1090	_ Pedestrian Passing Space, Temp	8007050	4.000	Ea
1100	_ Pedestrian Ramp, Temp	8007050	40.000	Ea

1110	_ Sanitary Structure Cover, Type Q	8007050	21.000	Ea
1120	_ Sanitary Sewer Lead	8007050	65.000	Ea
1130	_ Sanitary Sewer Lead Conflict	8007050	5.000	Ea
1140	_ Sanitary Structure, 48 inch dia	8007050	8.000	Ea
1150	_ Sanitary Structure, Rem	8007050	8.000	Ea
1160	_ Vibration Monitoring	8007051	1.000	LSUM
1170	Driveway, Nonreinf Conc, 6 inch	8010005	936.000	Syd
1180	Driveway, Nonreinf Conc, 8 inch	8010007	508.000	Syd
1190	Curb, Conc, Det E2	8020002	102.000	Ft
1200	Curb and Gutter, Conc, Det F3	8020037	1,515.000	Ft
1210	Curb and Gutter, Conc, Det F4	8020038	8,461.000	Ft
1220	Driveway Opening, Conc, Det M	8020050	2,318.000	Ft
1230	_ Curb and Gutter, Conc, Det F4,Modified	8027001	767.000	Ft
1240	_ Curb and Gutter, Conc, Det F3,Modified	8027001	231.000	Ft
1250	_ Curb and Gutter, Conc, Det F5,Modified	8027001	60.000	Ft
1260	Detectable Warning Surface	8030010	382.000	Ft
1270	Sidewalk Ramp, Conc, 6 inch	8030036	7,495.000	Sft
1280	Sidewalk, Conc, 4 inch	8030044	38,100.000	Sft
1290	Sidewalk, Conc, 6 inch	8030046	6,900.000	Sft
1300	_ Masonry Seat Wall	8037001	210.000	Ft
1310	_ Sidewalk, Clay Pavers on HMA Bed	8037010	12,501.000	Sft
1320	_ Sidewalk, Conc, 8 inch	8037010	2,452.000	Sft
1330	Guardrail, Type B	8070000	113.000	Ft
1340	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
1350	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
1360	Guardrail Reflector	8070080	8.000	Ea
1370	Fence, Protective	8080007	500.000	Ft
1380	Fence, Chain Link, 48 inch	8080011	26.000	Ft
1390	_ Fence, Ornamental Aluminum	8087001	60.000	Ft
1400	_ Ornamental Fence, Place	8087001	80.000	Ft
1410	_ Ornamental Fence, Salvage	8087001	80.000	Ft
1420	Band, Sign	8100010	113.000	Ea
1430	Fdn, Wood Support, Rem	8100280	4.000	Ea
1440	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
1450	Post, Steel, 2 lb	8100370	88.000	Ft
1460	Post, Steel, 3 lb	8100371	1,797.000	Ft
1470	Post, Wood, 6 inch by 8 inch	8100382	72.000	Ft
1480	Sign, Type II, Rem	8100397	6.000	Ea
1490	Sign, Type IIA	8100398	123.000	Sft
1500	Sign, Type III, Erect, Salv	8100402	38.000	Ea
1510	Sign, Type III, Rem	8100403	173.000	Ea
1520	Sign, Type IIIA	8100404	286.000	Sft
1530	Sign, Type IIIB	8100405	463.000	Sft
1540	Mast Arm Pole, Cat III	8100512	4.000	Ea
1550	Mast Arm, 40 foot, Cat III	8100544	1.000	Ea

1560	Mast Arm, 45 foot, Cat III	8100545	3.000	Ea
1570	Mast Arm Pole Fdn, 6 Bolt	8100550	56.000	Ft
1580	Mast Arm, Rem	8100560	4.000	Ea
1590	Mast Arm Std, Rem	8100570	4.000	Ea
1600	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
1610	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	100.000	Ft
1620	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	300.000	Ft
1630	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	568.000	Ft
1640	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
1650	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	11.000	Ea
1660	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	14.000	Ea
1670	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	10.000	Ea
1680	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	9.000	Ea
1690	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
1700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,405.000	Ft
1710	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	60.000	Ft
1720	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	80.000	Ft
1730	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	950.000	Ft
1740	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	435.000	Ft
1750	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,390.000	Ft
1760	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,750.000	Ft
1770	Rem Curing Compound, for Spec Mrkg	8110321	320.000	Sft
1780	Rem Spec Mrkg	8110343	934.000	Sft
1790	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
1800	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	21.000	Ea
1810	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
1820	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
1830	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	4.000	Ea
1840	Recessing Pavement Markings, Longit	8110450	12,435.000	Ft
1850	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	2,740.000	Ft
1860	Pavt Mrkg, Wet Retrflec Polyurea, 8 inch, White	8110502	335.000	Ft
1870	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	9,360.000	Ft
1880	_ Pavt Mrkg, Polyurea, 24 inch, Stop Bar,50 Mil	8117001	115.000	Ft
1890	_ Pavt Mrkg, Polyurea, 6 inch, Crosswalk,50 Mil	8117001	430.000	Ft
1900	_ Pavt Mrkg, Polyurea, Yield Triangle Sym	8117050	16.000	Ea
1910	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	90.000	Ea
1920	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	90.000	Ea
1930	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	12.000	Ea
1940	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	12.000	Ea
1950	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
1960	Conc Barrier Reflector Replacement	8120070	40.000	Ea
1970	Conc Barrier, Temp, Adj	8120080	1,705.000	Ft

1980	Conc Barrier, Temp, Furn	8120081	3,030.000	Ft
1990	Conc Barrier, Temp, Oper	8120082	3,030.000	Ft
2000	Conc Barrier, Temp, Relocated	8120083	400.000	Ft
2010	High Intensity Light, Type B, Furn	8120110	3.000	Ea
2020	High Intensity Light, Type B, Oper	8120111	3.000	Ea
2030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
2040	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
2050	Ltg for Night Work	8120160	1.000	LSUM
2060	Minor Traf Devices	8120170	1.000	LSUM
2070	Part Width Intersection Construction	8120190	9.000	Ea
2080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,000.000	Ft
2090	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	5,500.000	Ft
2100	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	13,900.000	Ft
2110	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	10,900.000	Ft
2120	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	15,500.000	Ft
2130	Plastic Drum, High Intensity, Furn	8120250	240.000	Ea
2140	Plastic Drum, High Intensity, Oper	8120251	240.000	Ea
2150	Plastic Drum, High Intensity, Lighted, Furn	8120260	6.000	Ea
2160	Plastic Drum, High Intensity, Lighted, Oper	8120261	6.000	Ea
2170	Sign Cover	8120310	10.000	Ea
2180	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
2190	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
2200	Sign, Type A, Temp, Prismatic, Furn	8120340	650.000	Sft
2210	Sign, Type A, Temp, Prismatic, Oper	8120341	650.000	Sft
2220	Sign, Type B, Temp, Prismatic, Furn	8120350	5,500.000	Sft
2230	Sign, Type B, Temp, Prismatic, Oper	8120351	5,500.000	Sft
2240	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	2,500.000	Sft
2250	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	2,500.000	Sft
2260	Traf Regulator Control	8120370	1.000	LSUM
2270	_ Pedestrian Path, Temp	8127001	1,000.000	Ft
2280	_ Pedestrian Type II Channelizer, Temp	8127001	1,000.000	Ft
2290	_ Pedestrian Type II Barricade, Temp	8127050	25.000	Ea
2300	_ Tubular Marker	8127050	8.000	Ea
2310	_ Tubular Marker, Replacement	8127050	24.000	Ea
2320	Riprap, Plain	8130010	17.000	Syd
2330	Site Preparation, Max \$19,900.00	8150001	1.000	LSUM
2340	Watering and Cultivating, First Season, Min \$9,800.00	8150002	1.000	LSUM
2350	Watering and Cultivating, Second Season, Min \$9,200.00	8150003	1.000	LSUM
2360	Nepeta x faassenii 'Walkers Low', #2 cont.	8152497	26.000	Ea
2370	Rudbeckia speciosa 'Viette's Little Suzy', #2 cont.	8153310	137.000	Ea
2380	_ Planter Curb, Exposed Aggregate	8157001	587.000	Ft
2390	_ Cast Stone Wall Cap	8157001	210.000	Ft
2400	_ Acer x freemanii 'Celebration', 3 1/2inch	8157050	8.000	Ea
2410	_ Deutzia gracilis 'Nikko', #2 cont.	8157050	55.000	Ea

2420	_ Ginkgo biloba 'Princeton Sentry', 3 1/2inch	8157050	13.000	Ea
2430	_ Hordum jubatum, #2 cont.	8157050	46.000	Ea
2440	_ Litter Receptacle	8157050	16.000	Ea
2450	_ Tree Grate, 36 inch by 60 inch	8157050	29.000	Ea
2460	_ Tree Grate, 72 inch by 72 inch	8157050	6.000	Ea
2470	_ Tree Root Aeration Tube	8157050	262.000	Ea
2480	_ Zelkova serrata 'Green Vase', 3 1/2 inch	8157050	23.000	Ea
2490	_ Bench, Backless	8157050	1.000	Ea
2500	_ Bench	8157050	1.000	Ea
2510	_ Cast Stone Column Cap	8157050	4.000	Ea
2520	_ Amsonia 'Blue Star', #2 cont.	8157050	147.000	Ea
2530	_ Hosta 'Cherry Berry', #2 cont.	8157050	175.000	Ea
2540	_ Bike Rack	8157050	8.000	Ea
2550	_ Acer x freemanii 'Celebration', 3 1/2 inch	8157050	13.000	Ea
2560	_ Gleditsia triacanthos inermis 'Shademaster', 3 1/2 inch	8157050	10.000	Ea
2570	_ Gleditsia triacanthos inermis 'Shademaster', 3 1/2 inch	8157050	11.000	Ea
2580	_ Platanus occidentalis, 3 1/2 inch	8157050	6.000	Ea
2590	_ Tree Grate, 60 inch by 60 inch	8157050	26.000	Ea
2600	_ Ulmus x 'Homestead', 3 1/2 inch	8157050	20.000	Ea
2610	Seeding, Mixture CR	8160035	23.000	Lb
2620	Water, Sodding/Seeding	8160090	8.000	Unit
2630	_ Turf Establishment, Performance	8167011	10,670.000	Syd
2640	_ Prepared Planting Medium	8167021	63.000	Cyd
2650	Cable, Rem	8190016	115.000	Ft
2660	Conduit, DB, 1, 1 1/2 inch	8190027	350.000	Ft
2670	Conduit, DB, 2, 3 inch	8190032	10.000	Ft
2680	Conduit, DB, 3, 3 inch	8190035	165.000	Ft
2690	Conduit, DB, 4, 3 inch	8190038	45.000	Ft
2700	Conduit, Directional Bore, 3 inch	8190044	355.000	Ft
2710	Conduit, Rem	8190140	4,455.000	Ft
2720	Conduit, Schedule 40, 2 inch	8190147	8,875.000	Ft
2730	Conduit, Schedule 40, 3 inch	8190149	3,405.000	Ft
2740	Conduit, Schedule 80 PVC, 2 inch	8190157	245.000	Ft
2750	Conduit, Schedule 80 PVC, 3 inch	8190159	925.000	Ft
2760	Conduit, Schedule 80 PVC, 1 1/2 inch, Structure	8190176	100.000	Ft
2770	DB Cable, in Conduit, 600V, 1/C#4	8190207	40,765.000	Ft
2780	DB Cable, in Conduit, 600V, 1/C#6	8190211	17,195.000	Ft
2790	DB Cable, in Conduit, Rem	8190220	5,400.000	Ft
2800	Cable, Equipment Grounding Wire, 1/C#4	8190234	10,690.000	Ft
2810	Hh, Adj	8190244	3.000	Ea
2820	Hh, Heavy Duty Cover	8190246	15.000	Ea
2830	Hh, Rem	8190254	6.000	Ea
2840	Hh, Round, 3 foot Dia.	8190259	3.000	Ea

2850	Hh, Round	8190260	12.000	Ea
2860	Light Std Arm, Rem and Salv	8190278	14.000	Ea
2870	Light Std Fdn	8190279	124.000	Ea
2880	Light Std Fdn, Rem	8190280	81.000	Ea
2890	Light Std Shaft, Rem and Salv	8190306	81.000	Ea
2900	Luminaire, Rem	8190360	95.000	Ea
2910	Cable, P.J., 600V, 1, 7/C#14	8190377	115.000	Ft
2920	Cable, Sec, 600V, 1, 3/C#6	8190399	700.000	Ft
2930	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
2940	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
2950	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
2960	Wood Pole, Rem	8190505	5.000	Ea
2970	Conduit, Directional Bore, 1, 3 inch	8190602	225.000	Ft
2980	Conduit, Directional Bore, 2, 3 inch	8190604	100.000	Ft
2990	_ Light Std Arm, Decorative	8197050	5.000	Ea
3000	_ Light Std Arm, Install Decorative Salv	8197050	14.000	Ea
3010	_ Light Std Shaft, Decorative,Type 1	8197050	40.000	Ea
3020	_ Light Std Shaft, Decorative,Type 2	8197050	1.000	Ea
3030	_ Light Std Shaft, Decorative,Type 3	8197050	2.000	Ea
3040	_ Light Std Shaft, Install DecorativeSalv, 12 foot, Type 1	8197050	25.000	Ea
3050	_ Light Std Shaft, Install DecorativeSalv, 12 foot, Type 2	8197050	2.000	Ea
3060	_ Light Std Shaft, Install DecorativeSalv, 12 foot, Type 3	8197050	2.000	Ea
3070	_ Light Std Shaft, Install DecorativeSalv, 13 foot, Type 1	8197050	6.000	Ea
3080	_ Light Std Shaft, Install DecorativeSalv, 13 foot, Type 2	8197050	23.000	Ea
3090	_ Light Std Shaft, Install DecorativeSalv, 13 foot, Type 3	8197050	23.000	Ea
3100	_ Lighting Control Panel	8197050	1.000	Ea
3110	_ Lighting Control Panel, Ground Mtd	8197050	1.000	Ea
3120	_ Luminaire, Decorative, Type 1	8197050	140.000	Ea
3130	_ Luminaire, Decorative, Type 2	8197050	3.000	Ea
3140	Case Sign Panel	8200003	8.000	Ea
3150	Case Sign Panel, Rem	8200004	8.000	Ea
3160	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
3170	Case Sign, Rem	8200020	11.000	Ea
3180	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	5.000	Ea
3190	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	8.000	Ea
3200	Controller and Cabinet, Rem	8200030	7.000	Ea
3210	Controller and Cabinet, Digital Type	8200031	7.000	Ea
3220	Controller Fdn, Base Mount	8200045	4.000	Ea
3230	Controller Fdn, Rem	8200046	2.000	Ea
3240	Fdn, Rem	8200065	4.000	Ea
3250	Metered Serv	8200090	3.000	Ea

3260	Metered Serv, Rem	8200095	3.000	Ea
3270	Pedestal, Alum	8200100	5.000	Ea
3280	Pedestal, Fdn	8200105	8.000	Ea
3290	Pedestal Fdn, Rem	8200106	2.000	Ea
3300	Pedestal, Rem	8200110	2.000	Ea
3310	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
3320	Power Co. (Est. Cost to Contractor)	8200116	6,100.000	Dlr
3330	Pushbutton	8200120	2.000	Ea
3340	Pushbutton and Sign	8200121	10.000	Ea
3350	Pushbutton Pedestal, Alum	8200123	2.000	Ea
3360	Riser	8200125	2.000	Ea
3370	Serv Disconnect	8200135	7.000	Ea
3380	Serv Disconnect, Rem	8200136	6.000	Ea
3390	Span Wire	8200140	16.000	Ea
3400	Span Wire, Rem	8200141	10.000	Ea
3410	Span Wire Tether	8200142	11.000	Ea
3420	Steel Pole, Rem (Embedded)	8200146	3.000	Ea
3430	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
3440	TS, Mast Arm Mtd, Rem	8200177	10.000	Ea
3450	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
3460	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	18.000	Ea
3470	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
3480	TS, Span Wire Mtd, Rem	8200182	20.000	Ea
3490	TS, One Way Span Wire Mtd (LED)	8200313	22.000	Ea
3500	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
3510	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
3520	TS, Four Way Span Wire Mtd (LED)	8200327	5.000	Ea
3530	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
3540	TS, One Way Bracket Arm Mtd (LED)	8200333	3.000	Ea
3550	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
3560	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	12.000	Ea
3570	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
3580	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
3590	TS, One Way Mast Arm Mtd (LED)	8200359	10.000	Ea
3600	TS, Antenna, Rem	8200368	2.000	Ea
3610	Video Traf Detection System, Rem	8200383	1.000	Ea
3620	Video Traf Detection Camera, Rem	8200384	2.000	Ea
3630	Wireless Intercn, Closed Loop, Master	8200393	1.000	Ea
3640	Wireless Intercn, Closed Loop, Repeater	8200394	1.000	Ea
3650	Wireless Intercn, Closed Loop, Remote	8200395	2.000	Ea
3660	Wireless Intercn, Closed Loop, Rem	8200396	4.000	Ea
3670	Wireless Vehicle Detection System	8200422	1.000	Ea

3680	Wireless Vehicle Sensor Node	8200425	2.000	Ea
3690	Case Sign, Four Way, 24 inch by 30 inch, Non-Illuminated	8200430	1.000	Ea
3700	Case Sign, Non-Illuminated, Rem	8200432	3.000	Ea
3710	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	1.000	Ea
3720	Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated	8200435	1.000	Ea
3730	TS, Bag	8200450	33.000	Ea
3740	TS, Bag, Rem	8200451	29.000	Ea
3750	TS Head, Adj	8200452	6.000	Ea
3760	TS Head, Temp	8200453	4.000	Ea
3770	Strain Pole, Steel, 6 bolt, 30 foot	8200460	8.000	Ea
3780	Strain Pole Fdn, 6 Bolt	8200470	106.000	Ft
3790	Casing	8200480	120.000	Ft
3800	Backplate, TS	8200501	32.000	Ea
3810	_ Pole Coating	8207050	8.000	Ea
3820	_ St Name Sign, Two Way, (LED), 10 foot	8207050	2.000	Ea
3830	Monument Box	8210001	1.000	Ea
3840	Monument Preservation	8210010	1.000	Ea
3850	Fire Hydrant	8230040	8.000	Ea
3860	Gate Valve and Box, 6 inch	8230051	8.000	Ea
3870	Gate Valve, 8 inch	8230062	9.000	Ea
3880	Gate Valve, 12 inch	8230064	1.000	Ea
3890	Gate Well, Rem	8230076	8.000	Ea
3900	Hydrant, Rem	8230091	7.000	Ea
3910	Water Main, 4 inch, Cut and Plug	8230130	1.000	Ea
3920	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
3930	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea
3940	Water Main, 10 inch, Cut and Plug	8230133	1.000	Ea
3950	Water Main, DI, 6 inch, Tr Det G	8230151	190.000	Ft
3960	Water Main, DI, 8 inch, Tr Det F	8230155	2,271.000	Ft
3970	Water Main, DI, 8 inch, Tr Det G	8230156	1,405.000	Ft
3980	Water Main, DI, 12 inch, Tr Det G	8230166	47.000	Ft
3990	Water Serv	8230240	34.000	Ea
4000	Water Serv, Long	8230245	53.000	Ea
4010	Live Tap, 8 inch by 12 inch	8230264	1.000	Ea
4020	Gate Well, 60 inch dia	8230360	11.000	Ea
4030	Water Shutoff, Adj, Case 2	8230422	19.000	Ea
4040	Gate Box, Adj, Case 2	8230432	5.000	Ea
4050	Polyethylene Encasement	8230440	3,913.000	Ft
4060	_ Monitoring Well, Adjust	8237050	13.000	Ea
4070	Contractor Staking	8240001	1.000	LSUM
4080	Staking Plan Errors and Extras, One Person	8240020	92.000	Hr
4090	Staking Plan Errors and Extras, Two Person	8240021	37.000	Hr
4100	Staking Plan Errors and Extras, Three Person	8240022	55.000	Hr

4110	_ Automated Irrigation System	8257051	1.000	LSUM
4120	Flowable Fill, Non-Structural	8260148	45.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 1603 007

Letting Date: March 4, 2016

Contract ID: 49023-119816

Description: 4.44 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, joint repairs, drainage, guardrail and pavement marking on US-2 from west of Martin Lake Road easterly to I-75 in the city of St. Ignace, Mackinac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119816A	N/A	N/A	GF16 49023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$352,300.00	1500001	1.000	LSUM
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0050	Curb and Gutter, Rem	2040020	1,595.000	Ft
0060	Embankment, LM	2050011	920.000	Cyd
0070	Excavation, Earth	2050016	260.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	_ Berm Grading	2057002	84.000	Sta
0100	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	49.000	Ea
0120	Erosion Control, Silt Fence	2080036	700.000	Ft
0130	Aggregate Base	3020001	1,610.000	Ton
0140	Approach, CI II	3070021	380.000	Ton
0150	Shoulder, CI II	3070121	400.000	Ton
0160	Trenching	3070200	29.000	Sta
0170	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0180	Culv End Sect, Grate	4010083	665.000	Lb
0190	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0200	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0210	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	3.000	Ea
0220	Dr Marker Post	4011109	8.000	Ea
0230	Dr Structure Cover, Adj, Case 1	4030005	49.000	Ea
0240	Dr Structure Cover, Type C	4030015	10.000	Ea
0250	Dr Structure, Adj, Add Depth	4030280	26.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0270	Cold Milling HMA Surface	5010002	182,735.000	Syd

0280	Bump Grinding	5010004	200.000	Syd
0290	HMA Surface, Rem	5010005	870.000	Syd
0300	HMA Quality Initiative	5010007	73,644.000	Dlr
0310	Edge Trimming	5010009	29,000.000	Ft
0320	Longitudinal Joint Density Quality Initiative	5010018	69,905.000	Dlr
0330	Pavt Joint and Crack Repr, Det 7	5010020	1,188.000	Ft
0340	Pavt Joint and Crack Repr, Det 8	5010021	132.000	Ft
0350	Hand Patching	5010025	380.000	Ton
0360	HMA, 4E3	5010051	16,260.000	Ton
0370	HMA, 5E3	5010057	13,555.000	Ton
0380	HMA Approach	5010061	1,140.000	Ton
0390	HMA, LVSP	5010703	5,487.000	Ton
0400	Curb and Gutter, Conc, Det B2	8020016	195.000	Ft
0410	Curb and Gutter, Conc, Det D2	8020031	1,400.000	Ft
0420	Curb Sloped, HMA	8050010	40.000	Ft
0430	Guardrail, Type B	8070000	3,188.000	Ft
0440	Guardrail, Curved, Type B	8070010	38.000	Ft
0450	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0460	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0470	Guardrail, Salv	8070075	2,763.000	Ft
0480	Guardrail Reflector	8070080	130.000	Ea
0490	Post, Mailbox	8070095	20.000	Ea
0500	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	305.000	Ft
0510	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	55.000	Ft
0520	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,100.000	Ft
0530	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	58,215.000	Ft
0540	Pavt Mrkg, Waterborne, 6 inch, White	8110233	31,500.000	Ft
0550	Pavt Mrkg, Waterborne, 12 inch, White	8110237	400.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,100.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	58,215.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	31,500.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	400.000	Ft
0600	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0610	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0620	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0630	Recessing Pavement Markings, Longit	8110450	100,815.000	Ft
0640	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	3,750.000	Ft
0680	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	7,450.000	Ft
0690	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	3,750.000	Ft
0700	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	7,450.000	Ft

0710	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	3,750.000	Ft
0720	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	7,450.000	Ft
0730	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0740	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0750	Sign Cover	8120310	10.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	1,902.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	1,902.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Slope Restoration, Type B	8160101	45,800.000	Syd
0800	Monument Box	8210001	1.000	Ea
0810	Monument Box Adjust	8210005	2.000	Ea
0820	Monument Preservation	8210010	1.000	Ea
0830	Protect Corners	8210020	2.000	Ea
0840	Centerline Corrugations, Milled, HMA	8220013	3,650.000	Ft
0850	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	29,000.000	Ft
0860	Contractor Staking, Road Only	8240007	1.000	LSUM
0870	Staking Plan Errors and Extras, One Person	8240020	25.000	Hr
0880	Staking Plan Errors and Extras, Two Person	8240021	10.000	Hr
0890	Staking Plan Errors and Extras, Three Person	8240022	15.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1603 008

Letting Date: March 4, 2016

Contract ID: 56044-126942

Description: Epoxy overlay, full-depth patches, railing repairs, substructure patching, concrete surface coating and approach work on 9 bridges, Midland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126942A	NH 1656(003)	HK0811	NH 56044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$249,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	180.000	Ft
0030	Guardrail, Rem	2040035	1,388.000	Ft
0040	Pavt, Rem	2040050	2,322.000	Syd
0050	Excavation, Earth	2050016	415.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0070	Aggregate Base, 6 inch	3020016	2,634.000	Syd
0080	Aggregate Base, 9 inch	3020022	210.000	Syd
0090	_ Shoulder, CI II, Modified	3077031	175.000	Ton
0100	Culv, Downspout, 12 inch	4010795	40.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0120	Dr Structure Cover, Type R	4030070	8.000	Ea
0130	HMA Surface, Rem	5010005	374.000	Syd
0140	Joint, Expansion, E2	6020207	354.000	Ft
0150	Joint, Expansion, E3	6020208	582.000	Ft
0160	Joint, Expansion, E4	6020209	450.000	Ft
0170	Conc Quality Initiative	6020401	1,280.000	Dlr
0180	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	692.000	Syd
0190	Shoulder, Nonreinf Conc, High Performance	6020524	442.000	Syd
0200	Conc Pavt, Bridge Approach, Reinf	6020600	1,472.000	Syd
0210	Joint, Expansion, Erg	6030021	582.000	Ft
0220	Curb and Gutter, Bridge Approach	8020010	672.000	Ft
0230	Guardrail, Type T	8070002	1,033.000	Ft
0240	Guardrail Anch, Bridge, Det T1	8070022	24.000	Ea
0250	Guardrail Approach Terminal, Type 3T	8070039	2.000	Ea
0260	Guardrail Reflector	8070080	48.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, 12 inch, White	8110042	96.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	513.000	Ft

0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,615.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,574.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,474.000	Ft
0320	Pavt Mrkg, Waterborne, 12 inch, White	8110237	440.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	513.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,615.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,574.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,474.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	440.000	Ft
0380	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,128.000	Ft
0390	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,048.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	440.000	Ft
0410	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	19.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	19.000	Ea
0440	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	3.000	Ea
0450	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
0460	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
0470	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	3.000	Ea
0480	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	3.000	Ea
0490	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	3.000	Ea
0500	Conc Barrier, Temp, Adj	8120080	2,100.000	Ft
0510	Conc Barrier, Temp, Furn	8120081	2,100.000	Ft
0520	Conc Barrier, Temp, Oper	8120082	2,100.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg Cover, Type R, Black	8120200	625.000	Ft
0570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,500.000	Ft
0580	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	2,000.000	Ft
0590	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	2,000.000	Ft
0600	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0620	PTS System, Temp, Furn	8120270	3.000	Ea
0630	PTS System, Temp, Oper	8120271	3.000	Ea
0640	Sign Cover	8120310	10.000	Ea
0650	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0660	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0670	Sign, Type A, Temp, Prismatic, Furn	8120340	86.000	Sft
0680	Sign, Type A, Temp, Prismatic, Oper	8120341	86.000	Sft
0690	Sign, Type B, Temp, Prismatic, Furn	8120350	3,691.000	Sft
0700	Sign, Type B, Temp, Prismatic, Oper	8120351	3,691.000	Sft
0710	_ Pedestrian Type II Channelizer, Temp	8127001	250.000	Ft

0720	_ Sign, Portable, Changeable Message, NTCIP-Complant, Furn	8127050	3.000	Ea
0730	_ Pedestrian Type II Barricade, Temp	8127050	4.000	Ea
0740	_ Sign, Portable, Changeable Message, NTCIP-Complant, Oper	8127050	3.000	Ea
0750	Riprap, Plain	8130010	25.000	Syd
0760	_ Turf Establishment, Performance-No Rye	8167011	220.000	Syd
0770	TS, Bag	8200450	6.000	Ea
0780	TS, Bag, Rem	8200451	6.000	Ea
0790	Contractor Staking	8240001	1.000	LSUM
0800	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0810	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0820	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr

Section: 2

0830	Structures, Rem Portions (S01-3 OF 56023)	2040061	1.000	LSUM
0840	Structures, Rem Portions (S01-4 OF 56023)	2040061	1.000	LSUM
0850	Structures, Rem Portions (S07-3 OF 56023)	2040061	1.000	LSUM
0860	Structures, Rem Portions (S07-4 OF 56023)	2040061	1.000	LSUM
0870	Structures, Rem Portions (S02-4 OF 56023)	2040061	1.000	LSUM
0880	Structures, Rem Portions (S02-3 OF 56023)	2040061	1.000	LSUM
0890	Embankment, CIP	2050010	7.000	Cyd
0900	Backfill, Structure, CIP	2060002	190.000	Cyd
0910	Excavation, Fdn	2060010	215.000	Cyd
0920	Aggregate Base, LM	3020002	1.000	Cyd
0930	Joint, Contraction, Crg	6030020	248.000	Ft
0940	Pavt Repr, Rem	6030080	101.000	Syd
0950	Saw Cut, Intermediate	6030090	120.000	Ft
0960	_ Resealing Bridge End Joints	6037001	323.000	Ft
0970	Conc, Grade D	7060010	367.000	Cyd
0980	Expansion Joint Device	7060050	974.000	Ft
0990	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
1000	False Decking	7060060	17,000.000	Sft
1010	Reinforcement, Steel, Epoxy Coated	7060092	16,965.000	Lb
1020	Substructure Conc	7060100	7.000	Cyd
1030	Wall Drain	7060130	3.000	Sft
1040	Joint Waterproofing	7100001	1,100.000	Sft
1050	Conc Surface Coating (S01-3 OF 56023)	7100010	1.000	LSUM
1060	Conc Surface Coating (S01-4 OF 56023)	7100010	1.000	LSUM
1070	Conc Surface Coating (S02-3 OF 56023)	7100010	1.000	LSUM
1080	Conc Surface Coating (S02-4 OF 56023)	7100010	1.000	LSUM
1090	Conc Surface Coating (S07-3 OF 56044)	7100010	1.000	LSUM
1100	Conc Surface Coating (S07-4 OF 56044)	7100010	1.000	LSUM
1110	Conc Surface Coating (S08 OF 56044)	7100010	1.000	LSUM
1120	Conc Surface Coating (S09 OF 56044)	7100010	1.000	LSUM

1130	Conc Surface Coating (S10 OF 56044)	7100010	1.000	LSUM
1140	Hand Chipping, Deep	7120004	204.000	Syd
1150	Hand Chipping, Other Than Deck	7120007	2,615.000	Cft
1160	Patch, Forming	7120017	6,540.000	Sft
1170	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	149.000	Ea
1180	Deck Joint, Rem	7120071	1,000.000	Ft
1190	Reinforcement, Mechanical Splice	7120084	275.000	Ea
1200	Patching Conc, C-L	7120112	132.000	Cyd
1210	Embedded Galvanic Anode	7120120	4,375.000	Ea
1220	_ Expansive Waterstop	7127001	96.000	Ft
1230	_ Epoxy Overlay	7127011	7,570.000	Syd
1240	_ Hand Chipping, Full Depth	7127020	3,516.000	Cft
1250	_ Clean and Coat Steel Bearing	7157050	150.000	Ea
1260	Sidewalk, Conc, 4 inch	8030044	40.000	Sft



1/29/2016 11:03 AM

Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 009

Letting Date: March 4, 2016

Contract ID: 74012-85286

Description: Scour countermeasure, substructure repair, concrete box culvert and wearing surface replacement, railings and expansion joint, beam and substructure repair and approach work on M-53 over Greenman Creek, on M-46 over the middle branch of Cass River and on M-53 over the south branch of Cass River, Sanilac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115906A	STP 1674(003)	HK0807	ST 74062
118921A	STP 1674(002)	HK0805	STT 74012
85286A	BHT 1674(001)	RT0335	BHT 74012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$235,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	160.000	Ft
0030	Guardrail, Rem	2040035	1,128.000	Ft
0040	Gutter, Rem	2040040	84.000	Ft
0050	Pavt, Rem	2040050	400.000	Syd
0060	Embankment, CIP	2050010	110.000	Cyd
0070	Excavation, Earth	2050016	725.000	Cyd
0080	Erosion Control, Silt Fence	2080036	250.000	Ft
0090	Subbase, CIP	3010002	460.000	Cyd
0100	Aggregate Base, 6 inch	3020016	940.000	Syd
0110	_ Shoulder, CI II, Modified	3077031	338.000	Ton
0120	Cold Milling HMA Surface	5010002	1,525.000	Syd
0130	HMA Surface, Rem	5010005	905.000	Syd
0140	HMA Quality Initiative	5010007	630.000	Dlr
0150	HMA Approach	5010061	315.000	Ton
0160	Joint, Expansion, E3	6020208	186.000	Ft
0170	Conc Pavt, Bridge Approach, Reinf	6020600	410.000	Syd
0180	Curb and Gutter, Bridge Approach	8020010	192.000	Ft
0190	Curb and Gutter, Conc, Det D2	8020031	142.000	Ft
0200	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0210	Guardrail, Type B	8070000	1,000.000	Ft
0220	Guardrail Anch, Bridge, Det T2	8070023	8.000	Ea
0230	Guardrail Approach Terminal, Type 1B	8070040	5.000	Ea
0240	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0250	Guardrail Reflector	8070080	32.000	Ea

0260	_ Guardrail Long Span, 25 Foot Clear Span	8077050	2.000	Ea
0270	Sign, Type III, Rem	8100403	4.000	Ea
0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	31,680.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,135.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,380.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	175.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,380.000	Ft
0330	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	25.000	Ft
0340	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	180.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0370	Channelizing Device, 42 inch, Furn	8120030	55.000	Ea
0380	Channelizing Device, 42 inch, Oper	8120031	55.000	Ea
0390	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	4.000	Ea
0400	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	4.000	Ea
0410	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	4.000	Ea
0420	Conc Barrier Reflector Replacement	8120070	40.000	Ea
0430	Conc Barrier, Temp, Adj	8120080	600.000	Ft
0440	Conc Barrier, Temp, Furn	8120081	600.000	Ft
0450	Conc Barrier, Temp, Oper	8120082	600.000	Ft
0460	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0470	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0520	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	1,900.000	Ft
0530	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	4,000.000	Ft
0540	Plastic Drum, High Intensity, Furn	8120250	45.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	45.000	Ea
0560	PTS System, Temp, Furn	8120270	2.000	Ea
0570	PTS System, Temp, Oper	8120271	2.000	Ea
0580	Sign Cover	8120310	44.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0600	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,608.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,608.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea
0670	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea

0680	Riprap, Plain	8130010	50.000	Syd
0690	Slope Restoration, Type B	8160101	90.000	Syd
0700	Slope Restoration, Type C	8160102	890.000	Syd
0710	Contractor Staking	8240001	1.000	LSUM
0720	Staking Plan Errors and Extras, One Person	8240020	22.000	Hr
0730	Staking Plan Errors and Extras, Two Person	8240021	9.000	Hr
0740	Staking Plan Errors and Extras, Three Person	8240022	13.000	Hr

Section: 2

0750	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0760	Masonry and Conc Structure, Rem	2040045	60.000	Cyd
0770	Structures, Rem (C01 of 74062)	2040060	1.000	LSUM
0780	Backfill, Structure, CIP	2060002	733.000	Cyd
0790	Excavation, Fdn	2060010	2,035.000	Cyd
0800	Erosion Control, Filter Bag	2080014	9.000	Ea
0810	Erosion Control, Gravel Filter Berm	2080018	290.000	Ft
0820	Erosion Control, Sand Bag	2080028	300.000	Ea
0830	Erosion Control, Silt Fence	2080036	1,050.000	Ft
0840	Erosion Control, Turbidity Curtain, Deep	2080042	370.000	Ft
0850	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0860	Geotextile, Separator	3080005	950.000	Syd
0870	Underdrain, Fdn, 6 inch	4040033	210.000	Ft
0880	Underdrain Outlet, 6 inch	4040093	24.000	Ft
0890	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0900	Culv Bedding, Box Culv	4060005	140.000	Cyd
0910	_ Culv, Precast Conc Box, 16 Foot by 6 Foot	4067001	90.000	Ft
0920	Cofferdams (C01 of 74062)	7040007	1.000	LSUM
0930	_ Bypass Pumping	7047050	1.000	Ea
0940	_ Construction Dam	7047050	1.000	Ea
0950	_ Stream Diversion	7047051	1.000	LSUM
0960	Bridge Ltg, Furn and Rem (B02 of 74012)	7060001	1.000	LSUM
0970	Bridge Ltg, Furn and Rem (B04 of 74032)	7060001	1.000	LSUM
0980	Bridge Ltg, Oper and Maintain	7060002	218.000	Cyd
0990	Expansion Joint Device	7060050	102.000	Ft
1000	False Decking	7060060	1,720.000	Sft
1010	Reinforcement, Steel, Epoxy Coated	7060092	26,384.000	Lb
1020	Superstructure Conc	7060110	19.000	Cyd
1030	Superstructure Conc, Form, Finish, and Cure (B02 of 74012)	7060111	1.000	LSUM
1040	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 74012)	7060112	1.000	LSUM
1050	Superstructure Conc, Form, Finish, and Cure, Night Casting (B04 of 74032)	7060112	1.000	LSUM
1060	Superstructure Conc, Night Casting	7060113	218.000	Cyd
1070	Liner, PVC, 30 mil	7060209	750.000	Syd
1080	Joint Waterproofing	7100001	777.000	Sft

1090	Conc Surface Coating (B02 of 74012)	7100010	1.000	LSUM
1100	Conc Surface Coating (B04 of 74032)	7100010	1.000	LSUM
1110	Bridge Barrier Railing, Type 4	7110001	80.000	Ft
1120	Reflective Marker, Permanent Barrier	7110003	2.000	Ea
1130	Bridge Railing, 4 Tube	7110010	248.000	Ft
1140	Hand Chipping, Other Than Deck	7120007	159.000	Cft
1150	Patch, Forming	7120017	513.000	Sft
1160	Structures, Rehabilitation, Rem Portions (B02 of 74012)	7120070	1.000	LSUM
1170	Structures, Rehabilitation, Rem Portions (B04 of 74032)	7120070	1.000	LSUM
1180	Reinforcement, Mechanical Splice	7120084	20.000	Ea
1190	Patching Conc, C-L	7120112	7.000	Cyd
1200	Embedded Galvanic Anode	7120120	301.000	Ea
1210	_ Articulating Conc Block System, 6 inch	7127011	845.000	Syd
1220	_ Hand Chipping, Special	7127020	109.000	Cft
1230	_ Latex Modified Conc, Special	7127021	5.000	Cyd
1240	_ Riprap, Under Structures, Special	8137031	188.000	Ton
1250	Flowable Fill, Non-Structural	8260148	25.000	Cyd
1260	_ Riprap, Special	9167031	2,289.000	Ton



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Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 010

Letting Date: March 4, 2016

Contract ID: 63191-112221

Description: 7.25 mi of concrete inlay, concrete pavement repairs, detail 7 joint repairs, hot mix asphalt cold milling and resurfacing, guardrail, ditch cleaning, permanent pavement markings, signing, ITS infrastructure and device installation, deep overlay, substructure repairs, approach work, bridge rehabilitation, and maintaining of traffic on I-275 from the I-96/I-696/M-5 interchange southerly to north of 5 Mile Road and on I-696 from the I-96/M-5/I-275 interchange to Telegraph Road, Oakland and Wayne Counties. This project includes a 3 year and a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112221A	CM 1684(069)	HK0801	CM 63191
117602A	NH 1663(022)	HK0804	NH 63191
120436A	CM 1663(019)	HK0802	CM 63022
120437A	CM 1663(023)	HK0806	CM 63022
124254A	IM 1663(020)	KK4030	IM 63191
124257A	IM 1663(021)	KK4031	IM 63191
128402A	N/A	N/A	GF15 63101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Critical Path Method Network Schedule	1027051	1.000	LSUM
0020	_ Incentive, I-275 Open to Traffic	1027060	3,000,000.000	Dlr
0030	_ Roadway and Ramp Rental Incentive	1027060	220,000.000	Dlr
0040	_ Reimbursed Permit Fees	1077060	5,000.000	Dlr
0050	Mobilization, Max \$7,522,000.00	1500001	1.000	LSUM
0060	Clearing	2010001	16.220	Acre
0070	Clearing, Fence	2010002	243.000	Sta
0080	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0090	Tree, Rem, 6 inch to 18 inch	2020004	17.000	Ea
0100	Culv, Rem, Less than 24 inch	2030001	21.000	Ea
0110	Culv, End, Rem, Less than 24 inch	2030005	53.000	Ea
0120	Culv, End, Rem, 24 inch to 48 inch	2030006	12.000	Ea
0130	Dr Structure, Rem	2030011	1.000	Ea
0140	Curb and Gutter, Rem	2040020	1,007.000	Ft
0150	Fence, Rem	2040025	3,900.000	Ft
0160	Guardrail, Rem	2040035	46,515.000	Ft
0170	Masonry and Conc Structure, Rem	2040045	8.000	Cyd
0180	Pavt, Rem	2040050	68,601.000	Syd
0190	Exploratory Investigation, Vertical	2040080	2,600.000	Ft

0200	_ Pavt Removal, Modified	2047011	481,649.000	Syd
0210	_ Pavt, Rem, Special	2047011	9,831.000	Syd
0220	Embankment, CIP	2050010	9,262.000	Cyd
0230	Excavation, Earth	2050016	157,010.000	Cyd
0240	Non Haz Contaminated Material Handling and Disposal, LM	2050031	900.000	Cyd
0250	Subgrade Undercutting, Type II	2050041	1,800.000	Cyd
0260	_ Subgrade Undercutting, Modified	2057021	1,800.000	Cyd
0270	Erosion Control, Check Dam, Stone	2080012	7,010.000	Ft
0280	Erosion Control, Inlet Protection, Fabric Drop	2080020	62.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0300	Erosion Control, Sediment Basin	2080032	225.000	Cyd
0310	Erosion Control, Sediment Trap	2080034	411.000	Ea
0320	Erosion Control, Silt Fence	2080036	9,516.000	Ft
0330	Project Cleanup	2090001	1.000	LSUM
0340	Subbase, CIP	3010002	78.000	Cyd
0350	Aggregate Base, 4 inch	3020010	125.000	Syd
0360	Aggregate Base, 6 inch	3020016	1,005.000	Syd
0370	Aggregate Base, 8 inch	3020020	189.000	Syd
0380	_ Open-Graded Dr Cse, 16 inch, Modified	3037011	87,515.000	Syd
0390	_ Open-Graded Dr Cse, Conditioning	3037011	483,775.000	Syd
0400	_ Open-Graded Dr Cse, 4 inch, Modified	3037011	633.000	Syd
0410	Shoulder, CI II	3070121	14,183.000	Ton
0420	Shoulder, CI II, 6 inch	3070128	403.000	Syd
0430	Shoulder, CI II, 6 inch, Temp	3070183	372.000	Syd
0440	Geotextile, Separator	3080005	103,121.000	Syd
0450	Geotextile, Stabilization	3080010	5,350.000	Syd
0460	Culv End Sect, 12 inch	4010012	12.000	Ea
0470	Culv End Sect, 24 inch	4010024	7.000	Ea
0480	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0490	Culv End Sect, Footing	4010072	44.000	Ea
0500	Culv End Sect, Metal, 12 inch	4010094	2.000	Ea
0510	Culv End Sect, Metal, 24 inch	4010098	2.000	Ea
0520	Culv End Sect, Salv, 30 inch or less	4010119	5.000	Ea
0530	Culv End Sect, Salv, over 30 inch	4010120	1.000	Ea
0540	Culv, CI A, 12 inch	4010131	224.000	Ft
0550	Culv, CI A, 15 inch	4010132	48.000	Ft
0560	Culv, CI A, 18 inch	4010133	96.000	Ft
0570	Culv, CI A, 24 inch	4010134	144.000	Ft
0580	Culv, Downspout, 12 inch	4010795	1,137.000	Ft
0590	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	17.000	Ea
0600	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	8.000	Ea
0610	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0620	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	1.000	Ea
0630	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	5.000	Ea

0640	Culv, Slp End Sect, 1 on 6, 15 inch, Transv	4010950	7.000	Ea
0650	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	7.000	Ea
0660	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	8.000	Ea
0670	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	3.000	Ea
0680	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	1.000	Ea
0690	Dr Marker Post	4011109	482.000	Ea
0700	_ Culvert Cleanout	4017001	8,218.000	Ft
0710	Sewer, Cl A, 18 inch, Tr Det A	4020006	8.000	Ft
0720	Sewer, Cl A, 24 inch, Tr Det A	4020007	8.000	Ft
0730	Sewer, Cl A, 36 inch, Tr Det A	4020009	16.000	Ft
0740	Sewer Tap, 36 inch	4021209	2.000	Ea
0750	_ Sewer Cleanout	4027001	7,631.000	Ft
0760	_ Sewer, Class A, 8 inch, Tr Det A, Modified	4027001	7,308.000	Ft
0770	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0780	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0790	Dr Structure Cover, Type DX	4030030	2.000	Ea
0800	Dr Structure Cover, Type E	4030035	1.000	Ea
0810	Dr Structure Cover, Type K	4030050	4.000	Ea
0820	Dr Structure, 72 inch dia	4030230	1.000	Ea
0830	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0840	Dr Structure, Cleaning	4030290	30.000	Ea
0850	Underdrain, Bank, 6 inch	4040003	2,600.000	Ft
0860	Underdrain, Pipe, Open-Graded, 6 inch	4040043	32,436.000	Ft
0870	Underdrain Outlet, 4 inch	4040091	200.000	Ft
0880	Underdrain Outlet, 6 inch	4040093	5,377.000	Ft
0890	Underdrain, Outlet Ending, 4 inch	4040111	25.000	Ea
0900	Underdrain, Outlet Ending, 6 inch	4040113	279.000	Ea
0910	_ Underdrain Outlet, 6 inch, Modified	4047001	9,750.000	Ft
0920	_ Underdrain, Pipe, Open-Graded, 6 inch, Modified	4047001	25,035.000	Ft
0930	_ Cleaning and Video Taping Existing Underdrains and Collector Pipe	4047001	168,286.000	Ft
0940	Pavt, Cleaning	5010001	1.000	LSUM
0950	Cold Milling HMA Surface	5010002	48,678.000	Syd
0960	Bump Grinding	5010004	1,975.000	Syd
0970	HMA Surface, Rem	5010005	3,651.000	Syd
0980	HMA Quality Initiative	5010007	71,820.000	Dlr
0990	Pavt for Butt Joints, Rem	5010008	6,896.000	Syd
1000	Joint and Crack, Cleanout	5010015	111,060.000	Ft
1010	Longitudinal Joint Density Quality Initiative	5010018	28,100.000	Dlr
1020	Pavt Joint and Crack Repr, Det 7	5010020	27,394.000	Ft
1030	Hand Patching	5010025	1,428.000	Ton
1040	HMA, 5E3	5010057	30,294.000	Ton
1050	HMA Approach	5010061	743.000	Ton
1060	HMA, Temp Pavt (3E3)	5010804	153.000	Ton
1070	HMA, Temp Pavt (4E3)	5010805	103.000	Ton

1080	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	3,445.000	Ton
1090	Joint, Contraction, Cp	6020200	337,522.000	Ft
1100	Joint, Contraction, C3p	6020201	58,495.000	Ft
1110	Joint, Expansion, E2	6020207	2,090.000	Ft
1120	Joint, Expansion, E3	6020208	820.000	Ft
1130	Joint, Expansion, E4	6020209	356.000	Ft
1140	Pavt Gapping	6020215	1,000.000	Ft
1150	Conc Quality Initiative	6020401	1,160,314.000	Dlr
1160	Conc Pavt, Nonreinf, 13 inch, High Performance	6020510	425,227.000	Syd
1170	Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance	6020515	58,553.000	Syd
1180	Conc Pavt, Misc, Nonreinf, 13 inch, High Performance	6020522	49,900.000	Syd
1190	Shoulder, Nonreinf Conc, High Performance	6020524	27,216.000	Syd
1200	_ Joint, Pressure Relief	6027001	440.000	Ft
1210	_ Conc Pavt, Bridge Approach, Reinf, High Performance	6027011	1,877.000	Syd
1220	Cement	6030005	1,342.000	Ton
1230	Crack Sealing, Conc Pavt	6030010	900.000	Ft
1240	Cold Milling Conc Pavt	6030014	3,585.000	Syd
1250	Joint, Contraction, Crg	6030020	110,383.000	Ft
1260	Joint, Expansion, Erg	6030021	2,164.000	Ft
1270	Lane Tie, Epoxy Anchored	6030030	81,559.000	Ea
1280	Non-Chloride Accelerator	6030035	22,006.000	Gal
1290	Pavt Repr, Nonreinf Conc, 7 inch	6030042	3,805.000	Syd
1300	Pavt Repr, Nonreinf Conc, 10 inch	6030048	638.000	Syd
1310	Pavt Repr, Nonreinf Conc, 10 1/2 inch	6030049	22,629.000	Syd
1320	Pavt Repr, Nonreinf Conc, 11 inch	6030050	16,108.000	Syd
1330	Pavt Repr, Nonreinf Conc, 13 inch	6030053	16,839.000	Syd
1340	Pavt Repr, Rem	6030080	60,844.000	Syd
1350	Saw Cut, Intermediate	6030090	29,761.000	Ft
1360	_ Pavt Repr, Nonreinf, 11 inch, Special	6037011	3,627.000	Syd
1370	_ Pavt Repr, Rem, Special	6037011	3,627.000	Syd
1380	_ Pavt Repr, Nonreinf Conc, 14 1/2 inch	6037011	825.000	Syd
1390	_ High Performance Biaxial Geogrid	7067011	5,350.000	Syd
1400	_ Dynamic Message Sign, Amber, 66 mm, 27 by 125	8007050	1.000	Ea
1410	_ Dynamic Message Sign, Support and Structure	8007050	1.000	Ea
1420	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
1430	Curb and Gutter, Bridge Approach	8020010	310.000	Ft
1440	Curb and Gutter, Conc, Det D1	8020030	1,414.000	Ft
1450	Curb and Gutter, Conc, Det F5	8020039	319.000	Ft
1460	Downspout Header, Conc	8020070	23.000	Ea
1470	_ Curb and Gutter, Bridge Approach, Modified	8027001	256.000	Ft
1480	_ Joint, Tied, Special	8027001	13,057.000	Ft
1490	_ Curb and Gutter, Conc, Det D1, Modified	8027001	1,464.000	Ft

1500	_ Curb and Gutter, Conc, Det C3, Modified	8027001	17.000	Ft
1510	Sidewalk, Conc, 6 inch	8030046	16.000	Sft
1520	Guardrail, Type T	8070002	42,414.000	Ft
1530	Guardrail, Type TD	8070003	75.000	Ft
1540	Guardrail, Backed, Det G3	8070017	31.000	Ea
1550	Guardrail Anch, Bridge, Det A1	8070020	23.000	Ea
1560	Guardrail Anch, Bridge, Det T1	8070022	6.000	Ea
1570	Guardrail Anch, Bridge, Det T4	8070025	8.000	Ea
1580	Guardrail Anch, Bridge, Det T6	8070027	2.000	Ea
1590	Guardrail Approach Terminal, Type 3T	8070039	11.000	Ea
1600	Guardrail Approach Terminal, Type 1T	8070041	50.000	Ea
1610	Guardrail Approach Terminal, Type 2T	8070043	15.000	Ea
1620	Guardrail Departing Terminal, Type T	8070051	71.000	Ea
1630	Guardrail Post, Culv	8070070	30.000	Ea
1640	Guardrail Reflector	8070080	961.000	Ea
1650	Cable Barrier, High Tension, Salv	8070201	5,432.000	Ft
1660	Cable Barrier, High Tension, Reconst	8070202	5,394.000	Ft
1670	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	507.000	Ea
1680	Cable Barrier, High Tension, Line Post Fdn	8070221	507.000	Ea
1690	Fence, Woven Wire with Steel Post	8080002	16,200.000	Ft
1700	Fence, Temp	8080004	2,500.000	Ft
1710	Fence, Chain Link, 48 inch	8080011	11,276.000	Ft
1720	_ Fence, Chain Link with Wire Rope, 48 inch	8087001	2,000.000	Ft
1730	_ Fence Gate, 6 foot, for 48 inch Chain Link Fence with Wire Rope	8087050	1.000	Ea
1740	Field Office, Cl 1	8090001	10.000	Mo
1750	Field Office, Utility Fees	8090010	5,000.000	Dlr
1760	Bridge Sign Connection, Steel, Type H	8100067	2.000	Ea
1770	Bridge Sign Connection, Steel, Type I	8100068	1.000	Ea
1780	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
1790	Bridge Sign Connection, Type D, Rem	8100083	1.000	Ea
1800	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
1810	Column, Breakaway, W8 x 13	8100120	16.000	Ea
1820	Column, Breakaway, W8 x 18	8100121	4.000	Ea
1830	Delineator Reflector	8100130	1,240.000	Ea
1840	Delineator, Reflective Sheeting, 3 inch by 6 inch, Red	8100141	41.000	Ea
1850	Delineator, Reflective Sheeting, 3 inch by 6 inch, White	8100142	18.000	Ea
1860	Delineator, Reflective Sheeting, 3 inch by 6 inch, Yellow	8100143	129.000	Ea
1870	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	8.000	Ea
1880	Fdn, Breakaway, W8 x 13	8100160	16.000	Ea
1890	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
1900	Fdn, Column Breakaway, Rem	8100220	4.000	Ea
1910	Fdn, Wood Support, Rem	8100280	54.000	Ea

1920	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
1930	Perforated Steel Square Tube Breakaway System	8100330	33.000	Ea
1940	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	33.000	Ea
1950	Post, Delineator	8100350	673.000	Ea
1960	Post, Flexible, Delineator	8100360	155.000	Ea
1970	Post, Steel, 3 lb	8100371	2,364.000	Ft
1980	Post, Wood, 4 inch by 6 inch	8100380	670.000	Ft
1990	Post, Wood, 6 inch by 8 inch	8100382	682.000	Ft
2000	Sign, Type I, Erect, Salv	8100390	5.000	Ea
2010	Sign, Type I, Rem	8100391	34.000	Ea
2020	Sign, Type IA	8100392	1,865.000	Sft
2030	Sign, Type IB	8100393	559.000	Sft
2040	Sign, Type II, Erect, Salv	8100396	2.000	Ea
2050	Sign, Type II, Rem	8100397	80.000	Ea
2060	Sign, Type IIA	8100398	218.000	Sft
2070	Sign, Type IIB	8100399	402.000	Sft
2080	Sign, Type III, Rem	8100403	81.000	Ea
2090	Sign, Type IIIA	8100404	446.000	Sft
2100	Sign, Type IIIB	8100405	127.000	Sft
2110	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2120	Sign, Type VB	8100425	840.000	Sft
2130	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
2140	Reflective Panel for Permanent Sign Support, 6 foot	8100616	26.000	Ea
2150	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	340.000	Ft
2160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	601.000	Ft
2170	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	6.000	Ea
2180	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	7.000	Ea
2190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
2200	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	17.000	Ea
2210	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	4.000	Ea
2220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
2230	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	76,343.000	Ft
2240	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	190,484.000	Ft
2250	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	196,818.000	Ft
2260	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	22,075.000	Ft
2270	Rem Spec Mrkg	8110343	1,319.000	Sft
2280	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
2290	Pavt Mrkg, Wet Reflective Tape, 4 inch, White	8110360	115,127.000	Ft
2300	Pavt Mrkg, Wet Reflective Tape, 6 inch, White	8110361	1,195.000	Ft
2310	Pavt Mrkg, Wet Reflective Tape, 12 inch, White	8110363	3,106.000	Ft
2320	Recessing Pavement Markings, Longit	8110450	496,862.000	Ft
2330	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	178,660.000	Ft
2340	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	38,981.000	Ft

2350	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, Yellow	8110505	174,840.000	Ft
2360	_ Pavt Mrkg, Ovly Cold Plastic, 4 inch, Shadow Tape, Black	8117001	32,753.000	Ft
2370	_ Pavt Mrkg, Preformed Thermoplastic, Route Shield	8117050	2.000	Ea
2380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
2390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
2400	Barricade, Type III, High Intensity, Lighted, Furn	8120022	159.000	Ea
2410	Barricade, Type III, High Intensity, Lighted, Oper	8120023	159.000	Ea
2420	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	5.000	Ea
2430	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	7.000	Ea
2440	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	7.000	Ea
2450	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
2460	Conc Barrier Reflector Replacement	8120070	360.000	Ea
2470	Conc Barrier, Temp, Adj	8120080	3,800.000	Ft
2480	Conc Barrier, Temp, Furn	8120081	4,400.000	Ft
2490	Conc Barrier, Temp, Oper	8120082	4,400.000	Ft
2500	Conc Barrier, Temp, Relocated	8120083	4,800.000	Ft
2510	High Intensity Light, Type B, Furn	8120110	7.000	Ea
2520	High Intensity Light, Type B, Oper	8120111	7.000	Ea
2530	Lighted Arrow, Type C, Furn	8120140	22.000	Ea
2540	Lighted Arrow, Type C, Oper	8120141	22.000	Ea
2550	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
2560	Ltg for Night Work	8120160	1.000	LSUM
2570	Minor Traf Devices	8120170	1.000	LSUM
2580	Mobile Attenuator	8120180	12.000	Ea
2590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	37,552.000	Ft
2600	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	12,409.000	Ft
2610	Plastic Drum, High Intensity, Furn	8120250	2,819.000	Ea
2620	Plastic Drum, High Intensity, Oper	8120251	2,819.000	Ea
2630	Sign Cover	8120310	282.000	Ea
2640	Sign Cover, Type 1	8120320	69.000	Ea
2650	Sign, Type A, Temp, Prismatic, Furn	8120340	969.000	Sft
2660	Sign, Type A, Temp, Prismatic, Oper	8120341	969.000	Sft
2670	Sign, Type B, Temp, Prismatic, Furn	8120350	11,660.000	Sft
2680	Sign, Type B, Temp, Prismatic, Oper	8120351	11,660.000	Sft
2690	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24,180.000	Sft
2700	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24,180.000	Sft
2710	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	117,260.000	Ft
2720	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	63,891.000	Ft
2730	_ Pavt Mrkg, Wet Retrflc Type NR, Paint, 4 inch, White, Temp	8127001	54,419.000	Ft
2740	_ Pavt Mrkg, Wet Retrflc Type NR, Paint, 4 inch, Yellow, Temp	8127001	26,040.000	Ft

2750	_ Temp Rumble Strips (Orange)	8127001	2,391.000	Ft
2760	_ Delineator, Flexible, Temp, Furn	8127050	52.000	Ea
2770	_ Delineator, Flexible, Temp, Oper	8127050	52.000	Ea
2780	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	19.000	Ea
2790	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	19.000	Ea
2800	_ Flexible Guardrail Delineator (White)	8127050	40.000	Ea
2810	_ Flexible Guardrail Delineator (Yellow)	8127050	31.000	Ea
2820	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
2830	_ Monument Box - Special	8127050	7.000	Ea
2840	_ Monument Box Adjust - Special	8127050	7.000	Ea
2850	_ Monument Preservation - Special	8127050	7.000	Ea
2860	_ Protect Corners	8127050	7.000	Ea
2870	Riprap, Plain	8130010	5.000	Syd
2880	Riprap, Plain, LM	8130012	581.000	Cyd
2890	Site Preparation, Max \$45,800.00	8150001	1.000	LSUM
2900	Watering and Cultivating, First Season, Min \$56,350.00	8150002	1.000	LSUM
2910	Watering and Cultivating, Second Season, Min \$71,990.00	8150003	1.000	LSUM
2920	Acer platanoides 'Columnare', 2 inch	8150108	50.000	Ea
2930	Acer x freemanii 'Celebration', 2 inch	8150225	25.000	Ea
2940	Catalpa speciosa, 2 inch	8150767	25.000	Ea
2950	Celtis occidentalis, 2 inch	8150780	25.000	Ea
2960	Ginkgo biloba 'Autumn Gold', 2 inch	8151632	25.000	Ea
2970	Gleditsia triacanthos inermis 'Skyline', 2 inch	8151660	25.000	Ea
2980	Gymnocladus dioicus, 2 inch	8151676	25.000	Ea
2990	Malus 'Centurion', 2 inch	8152297	35.000	Ea
3000	Picea abies, 4 foot	8152740	20.000	Ea
3010	Picea glauca, 4 foot	8152757	10.000	Ea
3020	Picea omorika, 4 foot	8152786	35.000	Ea
3030	Picea pungens, 4 foot	8152800	25.000	Ea
3040	Pinus nigra, 4 foot	8152841	25.000	Ea
3050	Pyrus calleryana 'Cleveland Select', 2 inch	8153015	35.000	Ea
3060	Quercus bicolor, 2 inch	8153044	25.000	Ea
3070	Quercus macrocarpa, 2 inch	8153085	25.000	Ea
3080	Quercus shumardii, 2 inch	8153141	25.000	Ea
3090	Tilia cordata 'Corinthian', 2 inch	8153856	25.000	Ea
3100	Ulmus parvifolia 'Emer II', 2 inch	8153944	25.000	Ea
3110	Zelkova serrata 'Green Vase', 2 inch	8154216	25.000	Ea
3120	_ Malus 'Red Jewel', 2 inch	8157050	35.000	Ea
3130	Mulch	8160025	3,658.000	Syd
3140	Seeding, Mixture TSM	8160041	76.000	Lb
3150	Water, Sodding/Seeding	8160090	13.000	Unit
3160	_ Turf Establishment, Performance-No Rye	8167011	692,633.000	Syd

3170	_ Turf Reinforcement Mat, Permanent	8167011	9,768.000	Syd
3180	_ Proof Rolling	8167040	160.000	Hr
3190	Cable, Rem	8190016	594.000	Ft
3200	Conduit, DB, 1, 3 inch	8190029	309.000	Ft
3210	Conduit, DB, 2, 3 inch	8190032	6,481.000	Ft
3220	Conduit, DB, 3, 3 inch	8190035	545.000	Ft
3230	Conduit, Directional Bore, 3 inch	8190044	4,379.000	Ft
3240	Conduit, Fiberglass, 3 inch, Structure	8190099	70.000	Ft
3250	Conduit, Rem	8190140	10,161.000	Ft
3260	Conduit, Schedule 80 PVC, 3 inch	8190159	6,140.000	Ft
3270	DB Cable, in Conduit, 600V, 1/C#1/0	8190200	385.000	Ft
3280	DB Cable, in Conduit, 600V, 1/C#2	8190201	640.000	Ft
3290	DB Cable, in Conduit, 600V, 1/C#4	8190207	955.000	Ft
3300	DB Cable, in Conduit, 600V, 1/C#6	8190211	525.000	Ft
3310	Cable, Equipment Grounding Wire, 1/C#1	8190231	1,200.000	Ft
3320	Cable, Equipment Grounding Wire, 1/C#4	8190234	900.000	Ft
3330	Cable, Equipment Grounding Wire, 1/C#6	8190236	450.000	Ft
3340	Cable, Equipment Grounding Wire, 1/C#8	8190237	500.000	Ft
3350	Cable, Equipment Grounding Wire, 1/C#10	8190238	250.000	Ft
3360	Hh, Adj	8190244	15.000	Ea
3370	Hh, Heavy Duty Cover	8190246	56.000	Ea
3380	Hh, Rem	8190254	29.000	Ea
3390	Hh, Round, 3 foot Dia.	8190259	68.000	Ea
3400	Hh, Type D	8190262	13.000	Ea
3410	Light Std Arm, Install Salv	8190276	2.000	Ea
3420	Light Std Arm, Rem and Salv	8190278	2.000	Ea
3430	Light Std Fdn	8190279	2.000	Ea
3440	Light Std Fdn, Rem	8190280	2.000	Ea
3450	Light Std Shaft, Install Salv	8190301	2.000	Ea
3460	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
3470	Luminaire, Install Salv	8190350	2.000	Ea
3480	Luminaire, Rem and Salv	8190365	2.000	Ea
3490	Cable, Sec, 600V, 3, 1/C#2	8190403	400.000	Ft
3500	Cable, Sec, 600V, 3, 1/C#4	8190405	830.000	Ft
3510	Cable, Sec, 600V, 3, 1/C#6	8190407	620.000	Ft
3520	Wood Pole, Rem	8190505	2.000	Ea
3530	Conduit, Directional Bore, 1, 3 inch	8190602	95.000	Ft
3540	Conduit, Directional Bore, 2, 3 inch	8190604	39,205.000	Ft
3550	Conduit, Directional Bore, 3, 3 inch	8190606	220.000	Ft
3560	_ Cable, Sec, 600V, 3 1/C#1/0	8197001	1,200.000	Ft
3570	_ Cable, Ethernet, Outdoor	8197001	280.000	Ft
3580	_ Conduit, Clean and Test	8197001	1,790.000	Ft
3590	_ Cable, Sec, 600V, 3, 1/C#8	8197001	275.000	Ft
3600	_ Dynamic Message Sign, Fdn	8197001	25.000	Ft
3610	_ DB Cable, in Conduit, 600V, 1/C#1/0, Install Salv	8197001	19,008.000	Ft

3620	_ DB Cable, in Conduit, 600V, 1/C#2, Install Salv	8197001	15,538.000	Ft
3630	_ DB Cable, in Conduit, 600V, 1/C#4, Install Salv	8197001	23,314.000	Ft
3640	_ DB Cable, in Conduit, 600V, 1/C#6, Install Salv	8197001	10,083.000	Ft
3650	_ Hh, Clean	8197050	9.000	Ea
3660	_ 1 Gigabit Optical Transceiver, 10km	8197050	9.000	Ea
3670	_ 1 Gigabit Optical Transceiver, 40km	8197050	3.000	Ea
3680	_ Cabinet Entry, Through Metal	8197050	7.000	Ea
3690	_ Cabinet Modifications	8197050	9.000	Ea
3700	_ Cellular Modem, Rem and Salv	8197050	1.000	Ea
3710	_ Conduit Entry into Shelter	8197050	1.000	Ea
3720	_ Fiber Optic, Marker, Above Ground	8197050	100.000	Ea
3730	_ Unlicensed Radio, Rem and Salv	8197050	25.000	Ea
3740	_ 1 Gigabit Module, 2 Port	8197050	1.000	Ea
3750	_ Light Std, Frangible Transformer Base, Install Salv	8197050	2.000	Ea
3760	_ Light Std, Frangible Transformer Base, Rem and Salv	8197050	2.000	Ea
3770	Power Co. (Est. Cost to Contractor)	8200116	13,000.000	Dlr
3780	Cabinet, Rem	8200184	1.000	Ea
3790	TS, Bag	8200450	7.000	Ea
3800	TS, Bag, Rem	8200451	7.000	Ea
3810	_ ITS Cabinet, Ground Mtd	8207050	4.000	Ea
3820	_ Wireless Link, 900 Mhz, SU	8207050	1.000	Ea
3830	_ Power Serv, Refurbish 30A 120V/240V	8207050	1.000	Ea
3840	_ Power Serv, Underground, 30A, 120/240V	8207050	2.000	Ea
3850	_ Wireless Link, 5 GHz, AP	8207050	2.000	Ea
3860	_ Wireless Link, 5 GHz, SU	8207050	2.000	Ea
3870	_ Wireless Link, 900 MHz, AP	8207050	1.000	Ea
3880	Shoulder Corrugations, Ground or Cut, Conc	8220000	82,173.000	Ft
3890	Shoulder Corrugations, Ground or Cut, HMA	8220001	163,416.000	Ft
3900	Contractor Staking	8240001	1.000	LSUM
3910	Staking Plan Errors and Extras, One Person	8240020	583.000	Hr
3920	Staking Plan Errors and Extras, Two Person	8240021	237.000	Hr
3930	Staking Plan Errors and Extras, Three Person	8240022	351.000	Hr
3940	_ Electronic Model Revisions	8247040	100.000	Hr
3950	Digital Video Encoder, MPEG-4	8260001	4.000	Ea
3960	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3970	Lightning Protection, Pole	8260021	4.000	Ea
3980	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	1.000	Ea
3990	Microwave Vehicle Detection System	8260040	4.000	Ea
4000	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	98,950.000	Ft
4010	Fiber Optic, Cable, Single Mode Fiber, 60F	8260051	48,376.000	Ft
4020	Fiber Optic, Splice Cabinet	8260064	4.000	Ea
4030	Fiber Optic, Hardware Assembly, Small	8260065	16.000	Ea
4040	Fiber Optic, Hardware Assembly, Medium	8260066	4.000	Ea

4050	Fiber Optic, Storage Cabinet, Wall-Mounted	8260068	2.000	Ea
4060	Tracer Wire	8260070	45,000.000	Ft
4070	Fiber Optic, Pigtail	8260071	288.000	Ea
4080	Fiber Optic, Jumper	8260072	74.000	Ea
4090	Managed Field Ethernet Switch, Layer 2	8260080	13.000	Ea
4100	Managed Field Ethernet Switch, Rem and Salv	8260084	9.000	Ea
4110	Safety Switch, Fusible	8260109	5.000	Ea
4120	Electrical Rack	8260110	4.000	Ea
4130	Uninterruptible Power Supply, ITS Cabinet	8260140	4.000	Ea
4140	Flowable Fill, Spun Pole Fdn	8260149	10.000	CYD
4150	Spun Conc Pole, Type A	8260152	4.000	Ea
4160	Drilled Shaft and Conc Skirt, Cased	8260155	4.000	Ea
4170	Surveillance System, Remote Site, Type A	8260157	4.000	Ea
4180	System Integration and Testing	8260160	1.000	LSUM
4190	_ Power Serv, Underground 60A, 120/240V	8267050	1.000	Ea

Section: 2

4200	Backfill, Structure, CIP	2060002	10.000	Cyd
4210	Excavation, Fdn	2060010	10.000	Cyd
4220	HMA Patch, Rem	5010006	10.000	Syd
4230	_ Resealing Bridge End Joints	6027001	2,279.000	Ft
4240	Conc, Grade D	7060010	45.000	Cyd
4250	Conc, Grade S2	7060011	23.000	Cyd
4260	Expansion Joint Device	7060050	223.000	Ft
4270	False Decking	7060060	103,700.000	Sft
4280	Reinforcement, Steel, Culv and Headwall	7060091	920.000	Lb
4290	Reinforcement, Steel, Epoxy Coated	7060092	8,800.000	Lb
4300	Joint Waterproofing	7100001	130.000	Sft
4310	Conc Surface Coating (S06 OF 63191)	7100010	1.000	LSUM
4320	Conc Surface Coating (S03 OF 82125)	7100010	1.000	LSUM
4330	Bridge Railing, Thrie Beam Retrofit	7110006	412.000	Ft
4340	Hand Chipping, Shallow	7120003	149.000	Syd
4350	Hand Chipping, Deep	7120004	294.000	Syd
4360	Hand Chipping, Other Than Deck	7120007	1,758.000	Cft
4370	Patch, Forming	7120017	5,110.000	Sft
4380	Bridge Deck Surface Construction	7120025	2,850.000	Syd
4390	Deck Joint, Rem	7120071	320.000	Ft
4400	Latex Conc Surface, Rem	7120072	2,830.000	Syd
4410	Hydrodemolition, First Pass	7120076	2,830.000	Syd
4420	Hydrodemolition, Second Pass	7120077	285.000	Syd
4430	Reinforcement, Mechanical Splice	7120084	360.000	Ea
4440	Patching Conc, C-L	7120112	221.000	Cyd
4450	Embedded Galvanic Anode	7120120	4,174.000	Ea
4460	_ Epoxy Overlay	7127011	21,100.000	Syd
4470	_ Epoxy Overlay, Removal	7127011	3,780.000	Syd

4480	_ Hand Chipping, Full Depth	7127020	1,275.000	Cft
4490	_ Conc, Deep Bridge Deck Ovly	7127021	560.000	Cyd
4500	Beam Plate, Seal Perimeter	7130010	775.000	Ft
4510	Heat Straightening Steel (S09 of 63022)	7130040	1.000	LSUM
4520	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,100.000	Lb
4530	_ Lateral Bracing Repair	7137050	100.000	Ea
4540	Steel Structure, Cleaning, Partial, Type 4 (S03 of 82125)	7150047	1.000	LSUM
4550	Steel Structure, Cleaning, Partial, Type 4 (S09 of 63022)	7150047	1.000	LSUM
4560	Steel Structure, Cleaning, Partial, Type 4 (S01 of 63191)	7150047	1.000	LSUM
4570	Steel Structure, Coating, Partial, Type 4 (S09 of 63022)	7150048	1.000	LSUM
4580	Steel Structure, Coating, Partial, Type 4 (S03 of 82125)	7150048	1.000	LSUM
4590	Steel Structure, Coating, Partial, Type 4 (S01 of 63191)	7150048	1.000	LSUM
4600	Deck Drain, Adj	7170061	5.000	Ea
4610	_ Slope Protection, Replace	8167011	20.000	Syd

Section: 3

4620	_ Roadway and Ramp Rental (Rental Area 1)	1027051	1.000	LSUM
4630	_ Roadway and Ramp Rental (Rental Area 2)	1027051	1.000	LSUM
4640	_ Roadway and Ramp Rental (Rental Area 3)	1027051	1.000	LSUM
4650	_ Calendar Days of Contract Time for Opening to Traffic	1027060	150,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 1603 011

Letting Date: March 4, 2016

Contract ID: 25132-115911

Description: 1.14 mi of concrete pavement repair and joints, bridge rehabilitation, epoxy overlay, deck patching, joint and diaphragm replacement, prestressed concrete I-beam, railing and substructure repair, approach work, and pavement markings on I-475 over Atherton Road and over left turn lane number 3 and on I-475 ramp terminals from Bristol Road to Atherton Road in the cities of Burton and Flint, Genesee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115911A	IM 1625(013)	KK4035	IM 25132
128449A	N/A	N/A	GF16 25132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$228,300.00	1500001	1.000	LSUM
0020	Asbestos Materials, Removal and Disposal	2040001	5,000.000	Dlr
0030	Fence, Rem	2040025	300.000	Ft
0040	Gutter, Rem	2040040	100.000	Ft
0050	Pavt, Rem	2040050	776.000	Syd
0060	Excavation, Earth	2050016	8.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Aggregate Base	3020001	53.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0100	_ Dr Structure, Repr	4037050	4.000	Ea
0110	HMA Surface, Rem	5010005	110.000	Syd
0120	Pavt Joint and Crack Repr, Det 7	5010020	1,394.000	Ft
0130	Pavt Joint and Crack Repr, Det 8	5010021	1,394.000	Ft
0140	Hand Patching	5010025	229.000	Ton
0150	Joint, Contraction, Cp	6020200	1,188.000	Ft
0160	Joint, Expansion, E2	6020207	344.000	Ft
0170	Joint, Expansion, E3	6020208	344.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf	6020600	650.000	Syd
0190	Cement	6030005	60.000	Ton
0200	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0210	Joint, Contraction, Crg	6030020	15,343.000	Ft
0220	Joint, Expansion, Erg	6030021	360.000	Ft
0230	Lane Tie, Epoxy Anchored	6030030	3,541.000	Ea
0240	Non-Chloride Accelerator	6030035	289.000	Gal
0250	Pavt Repr, Nonreinf Conc, 10 inch	6030048	4,929.000	Syd

0260	Pavt Repr, Rem	6030080	4,929.000	Syd
0270	Saw Cut, Intermediate	6030090	4,152.000	Ft
0280	_ Joint, Tied, Special	6037001	9,450.000	Ft
0290	_ Pavt Repr, Nonreinf, 10 inch, Special	6037011	1,278.000	Syd
0300	_ Pavt Repr, Rem, Special	6037011	1,278.000	Syd
0310	Valley Gutter, Conc	8020060	422.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,000.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,000.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	15,000.000	Ft
0350	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,000.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,000.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	15,000.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	15,000.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,000.000	Ft
0400	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,000.000	Ft
0410	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,000.000	Ft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0440	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0450	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0460	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0470	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0480	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0490	Conc Barrier Reflector Replacement	8120070	5.000	Ea
0500	Conc Barrier, Temp, Furn	8120081	100.000	Ft
0510	Conc Barrier, Temp, Oper	8120082	100.000	Ft
0520	Conc Barrier, Temp, Relocated	8120083	100.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Mobile Attenuator	8120180	2.000	Ea
0570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0580	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	1,000.000	Ft
0590	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	4,200.000	Ft
0600	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0610	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0620	Sign Cover	8120310	20.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	2,880.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	2,880.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0670	_ Sign, Portable, Changeable Message,	8127050	4.000	Ea

NTCIP-Compliant, Oper				
0680	_ Pedestrian Type II Barricade, Temp	8127050	2.000	Ea
Section: 2				
0690	Fence, Rem	2040025	324.000	Ft
0700	Backfill, Structure, CIP	2060002	227.000	Cyd
0710	Excavation, Fdn	2060010	122.000	Cyd
0720	Conc, Grade D	7060010	60.000	Cyd
0730	Expansion Joint Device	7060050	488.000	Ft
0740	False Decking	7060060	9,760.000	Sft
0750	Reinforcement, Steel, Epoxy Coated	7060092	12,000.000	Lb
0760	Conc Surface Coating (S42 of 25132)	7100010	1.000	LSUM
0770	Conc Surface Coating (S06 of 25132)	7100010	1.000	LSUM
0780	Substructure Horizontal Surface Sealer (S06 of 25132)	7100030	76.000	Syd
0790	Substructure Horizontal Surface Sealer (S42 of 25132)	7100030	76.000	Syd
0800	Hand Chipping, Shallow	7120003	93.000	Syd
0810	Hand Chipping, Deep	7120004	93.000	Syd
0820	Hand Chipping, Other Than Deck	7120007	690.000	Cft
0830	Patch, Forming	7120017	1,618.000	Sft
0840	Structures, Rehabilitation, Rem Portions (S06 of 25132)	7120070	1.000	LSUM
0850	Structures, Rehabilitation, Rem Portions (S42 of 25132)	7120070	1.000	LSUM
0860	Deck Joint, Rem	7120071	488.000	Ft
0870	Patching Conc, C-L	7120112	51.000	Cyd
0880	Embedded Galvanic Anode	7120120	976.000	Ea
0890	_ Epoxy Overlay	7127011	2,858.000	Syd
0900	_ Hand Chipping, Special	7127020	158.000	Cft
0910	_ Beam End Repair, Latex Modified Conc	7127020	240.000	Cft
0920	Support, Column, Temp	7130080	37.000	Ea
0930	Slope Paving Header	8130015	180.000	Ft
0940	Slope Paving, Conc	8130020	236.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1603 012

Letting Date: March 4, 2016

Contract ID: 63102-122582

Description: Drainage system, railing and substructure repair, tree, road, and parking lot removals, concrete slab construction, and drainage replacement at three pedestrian plaza structures on Church Street over I-696 in the cities of Southfield and Oak Park, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122582A	IM 1663(024)	KK4033	IM 63102
124125A	IM 1663(025)	KK4034	IM 63102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Critical Path Method Network Schedule	1027051	1.000	LSUM
0020	Mobilization, Max \$444,300.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	272.000	Ft
0050	Curb and Gutter, Rem	2040020	640.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	25.000	Cyd
0070	Pavt, Rem	2040050	2,310.000	Syd
0080	Sidewalk, Rem	2040055	4,200.000	Syd
0090	_ Removal of Misc Appurtenances	2047051	1.000	LSUM
0100	Embankment, LM	2050011	375.000	Cyd
0110	Excavation, Earth	2050016	48,565.000	Cyd
0120	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0140	Erosion Control, Silt Fence	2080036	100.000	Ft
0150	Aggregate Base, 4 inch	3020010	12.000	Syd
0160	Aggregate Base, 6 inch	3020016	3,733.000	Syd
0170	_ Aggregate, 34R, LM	3027021	1,272.000	Cyd
0180	Sewer, Cl A, 12 inch, Tr Det A	4020004	284.000	Ft
0190	Sewer, Cl A, 12 inch, Tr Det B	4020033	78.000	Ft
0200	Video Taping Sewer and Culv Pipe	4021275	362.000	Ft
0210	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0220	Dr Structure Cover, Type B	4030010	1.000	Ea
0230	Dr Structure Cover, Type E	4030035	3.000	Ea
0240	Dr Structure Cover, Type K	4030050	3.000	Ea
0250	Dr Structure, 24 inch dia	4030200	4.000	Ea
0260	Dr Structure, 48 inch dia	4030210	3.000	Ea

0270	Dr Structure, Tap, 4 inch	4030304	3.000	Ea
0280	Underdrain, Pipe, Open-Graded, 4 inch	4040041	6,554.000	Ft
0290	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0300	HMA Surface, Rem	5010005	1,615.000	Syd
0310	HMA Quality Initiative	5010007	1,300.000	Dlr
0320	HMA Approach	5010061	650.000	Ton
0330	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	2,073.000	Syd
0340	Joint, Contraction, Cp	6020200	957.000	Ft
0350	Joint, Expansion, E2	6020207	116.000	Ft
0360	Joint, Expansion, E3	6020208	58.000	Ft
0370	Conc Quality Initiative	6020401	777.000	Dlr
0380	_ Pedestrian Path, Temp	8007001	900.000	Ft
0390	_ Hh, Clean	8007050	2.000	Ea
0400	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0410	Driveway, Nonreinf Conc, 6 inch	8010005	20.000	Syd
0420	Curb and Gutter, Conc, Det C4	8020023	786.000	Ft
0430	Driveway Opening, Conc, Det M	8020050	140.000	Ft
0440	Sidewalk Ramp, Conc, 4 inch	8030034	750.000	Sft
0450	Sidewalk, Conc, 4 inch	8030044	40,371.000	Sft
0460	Sidewalk, Conc, 6 inch	8030046	184.000	Sft
0470	Sidewalk, Clay Brick Pavers, Rem	8030051	270.000	Sft
0480	Fence, Protective	8080007	200.000	Ft
0490	Fence, Chain Link, 72 inch	8080013	1,614.000	Ft
0500	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	1.000	Ea
0510	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0520	Post, Steel, 3 lb	8100371	168.000	Ft
0530	Sign, Type III, Rem	8100403	11.000	Ea
0540	Sign, Type IIIA	8100404	5.000	Sft
0550	Sign, Type IIIB	8100405	76.000	Sft
0560	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	180.000	Ft
0580	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0590	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	160.000	Ft
0600	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	770.000	Ft
0610	Rem Curing Compound, for Spec Mrkg	8110321	180.000	Sft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0640	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0650	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0660	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0670	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0680	Minor Traf Devices	8120170	1.000	LSUM

0690	Mobile Attenuator	8120180	2.000	Ea
0700	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0710	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	966.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	966.000	Sft
0740	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	84.000	Sft
0750	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	84.000	Sft
0760	_ Pedestrian Type II Channelizer, Temp	8127001	500.000	Ft
0770	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	4.000	Ea
0780	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
0790	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0800	Site Preparation, Max \$16,200.00	8150001	1.000	LSUM
0810	Watering and Cultivating, First Season, Min \$9,200.00	8150002	1.000	LSUM
0820	Watering and Cultivating, Second Season, Min \$11,400.00	8150003	1.000	LSUM
0830	Acer saccharum, 2 inch	8150192	10.000	Ea
0840	Calamagrostis x acutiflora 'Karl Foerster', # 1 cont.	8150603	28.000	Ea
0850	Corylus columna, 2 inch	8151080	9.000	Ea
0860	Fothergilla gardenii, #3 cont.	8151520	26.000	Ea
0870	Gleditsia triacanthos inermis 'Skyline', 2 inch	8151660	15.000	Ea
0880	Maackia amurensis, 1 1/2 inch	8152267	10.000	Ea
0890	Malus 'David', 1 1/2 inch	8152298	23.000	Ea
0900	Malus 'Prairie Fire', 1 1/2 inch	8152313	14.000	Ea
0910	Pennisetum alopecuroides 'Little Bunny', #1 cont.	8152644	36.000	Ea
0920	Picea omorika, 4 foot	8152786	10.000	Ea
0930	Picea omorika, 6 foot	8152788	17.000	Ea
0940	Pinus strobus, 8 foot	8152872	20.000	Ea
0950	Syringa reticulata 'Ivory Silk', 1 1/2 inch	8153716	10.000	Ea
0960	_ Structural Soil	8157021	9,400.000	Cyd
0970	_ Trash, Receptacle, Steel, Decorative	8157050	8.000	Ea
0980	_ Acer rubrum 'October Glory', 2 inch	8157050	31.000	Ea
0990	_ Bench	8157050	14.000	Ea
1000	_ Hemerocallis 'Black-Eyed Stella', #1 cont.	8157050	160.000	Ea
1010	_ Spiraea japonica 'Gold Mound', #2 cont.	8157050	6.000	Ea
1020	_ Picea pungens 'Glauca', 6 foot	8157050	22.000	Ea
1030	Topsoil Surface, Furn, 6 inch	8160064	4,800.000	Syd
1040	_ Turf Establishment, Performance	8167011	18,000.000	Syd
1050	Conduit, DB, 2, 3 inch	8190032	906.000	Ft
1060	Conduit, Rem	8190140	2,701.000	Ft
1070	Conduit, Schedule 80 PVC, 2 inch	8190157	2,255.000	Ft
1080	DB Cable, in Conduit, 600V, 1/C#8	8190212	6,765.000	Ft
1090	Cable, Equipment Grounding Wire, 1/C#8	8190237	2,255.000	Ft
1100	Hh, Heavy Duty Cover	8190246	9.000	Ea
1110	Hh, Round, 3 foot Dia.	8190259	1.000	Ea

1120	Light Std Fdn	8190279	33.000	Ea
1130	Light Std Fdn, Rem	8190280	33.000	Ea
1140	Light Std Shaft, 30 foot or less	8190285	33.000	Ea
1150	Luminaire, Rem	8190360	31.000	Ea
1160	_ Luminaire, Pathway	8197050	33.000	Ea
1170	_ Lighting Control Panel	8197050	2.000	Ea
1180	_ Electrical, West End, Rem	8197050	1.000	Ea
1190	_ Electrical, East End, Rem	8197050	1.000	Ea
1200	Contractor Staking	8240001	1.000	LSUM
1210	Staking Plan Errors and Extras, One Person	8240020	42.000	Hr
1220	Staking Plan Errors and Extras, Two Person	8240021	17.000	Hr
1230	Staking Plan Errors and Extras, Three Person	8240022	25.000	Hr
1240	_ Shredded Bark Mulch	8507021	45.000	Cyd

Section: 2

1250	Backfill, Structure, CIP	2060002	720.000	Cyd
1260	Excavation, Fdn	2060010	853.000	Cyd
1270	Reinforcement, Steel, Epoxy Coated	7060092	11,559.000	Lb
1280	_ Superstructure, Conc, Grade S2, Special	7067021	1,789.000	Cyd
1290	Joint Waterproofing	7100001	2,706.000	Sft
1300	_ Spray Applied Methyl-Methacrylate Membrane	7107011	14,209.000	Syd
1310	Hand Chipping, Other Than Deck	7120007	190.000	Cft
1320	Patch, Forming	7120017	380.000	Sft
1330	Patching Conc, C-L	7120112	8.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 1603 013

Letting Date: March 4, 2016

Contract ID: 80042-128537

Description: 14.93 mi of hot mix asphalt cold milling and overlay on M-43, M-40, M-99 and overlay on the M-43/M-40 carpool lot in the city of Albion, Calhoun and VanBuren Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128537A	N/A	N/A	GF16 80042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$349,000.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	2.000	Cyd
0030	Excavation, Earth	2050016	40.000	Cyd
0040	Machine Grading	2050030	825.000	Sta
0050	Subbase, CIP	3010002	21.000	Cyd
0060	Aggregate Base, 6 inch	3020016	45.000	Syd
0070	Approach, CI II	3070021	377.000	Ton
0080	Shoulder, CI II	3070121	14.000	Ton
0090	_ Shoulder, CI II, 2 inch	3077011	45,810.000	Syd
0100	Underdrain, Subbase, 6 inch	4040063	50.000	Ft
0110	Pavt, Cleaning	5010001	1.000	LSUM
0120	Cold Milling HMA Surface	5010002	313,370.000	Syd
0130	HMA Surface, Rem	5010005	45.000	Syd
0140	HMA Quality Initiative	5010007	72,066.000	Dlr
0150	Edge Trimming	5010009	80.000	Ft
0160	Longitudinal Joint Density Quality Initiative	5010018	144,012.000	Dlr
0170	Hand Patching	5010025	16.000	Ton
0180	HMA, 5E1	5010056	12,635.000	Ton
0190	HMA Approach	5010061	970.000	Ton
0200	HMA, LVSP	5010703	22,176.000	Ton
0210	_ Cold Milling HMA Surface, Modified	5017011	3,131.000	Syd
0220	_ Hand Patching, Modified	5017031	517.000	Ton
0230	Delineator Reflector	8100130	18.000	Ea
0240	Post, Delineator	8100350	18.000	Ea
0250	Post, Steel, 3 lb	8100371	26.000	Ft
0260	Sign, Type IIIA	8100404	4.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	8110052	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	63,820.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	154,798.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	63,820.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	154,798.000	Ft
0320	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	165.000	Ft
0330	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,008.000	Ft
0340	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0370	Channelizing Device, 42 inch, Furn	8120030	1,060.000	Ea
0380	Channelizing Device, 42 inch, Oper	8120031	1,060.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Mobile Attenuator	8120180	2.000	Ea
0430	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	12,670.000	Ft
0440	Sign Cover	8120310	18.000	Ea
0450	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0460	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	1,792.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	1,792.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Monument Box	8210001	21.000	Ea
0510	Monument Box Adjust	8210005	29.000	Ea
0520	Monument Preservation	8210010	15.000	Ea
0530	Protect Corners	8210020	29.000	Ea
0540	Centerline Corrugations, Milled, HMA	8220013	75,089.000	Ft
0550	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	37,870.000	Ft



1/29/2016 11:03 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 014

Letting Date: March 4, 2016

Contract ID: 50099-129236

Description: Bridge removal and replacement with prestressed concrete box beams, hot mix asphalt surfacing and guardrail on 32 Mile Road over the north branch of the Clinton River, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129236A	N/A	N/A	MCS 50099

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$146,00.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	88.000	Ft
0040	Guardrail, Rem	2040035	808.000	Ft
0050	Pavt, Rem	2040050	1,243.000	Syd
0060	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0070	_ Station Grading	2057002	6.000	Sta
0080	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0090	Subbase, CIP	3010002	636.000	Cyd
0100	_ Aggregate Base, 6 inch, Modified	3027011	4,331.000	Syd
0110	_ Shoulder, CI II, 7 inch, Modified	3077011	854.000	Syd
0120	Geotextile, Stabilization	3080010	2,341.000	Syd
0130	Culv End Sect, 12 inch	4010012	2.000	Ea
0140	Culv End Sect, 24 inch	4010024	1.000	Ea
0150	Culv, CI F, 12 inch	4010607	40.000	Ft
0160	Sewer, CI A, 24 inch, Tr Det B	4020036	156.000	Ft
0170	Sewer Tap, 18 inch	4021206	1.000	Ea
0180	Dr Structure Cover, Type G	4030040	2.000	Ea
0190	Dr Structure, 48 inch dia	4030210	2.000	Ea
0200	Underdrain, Subgrade, 4 inch	4040071	918.000	Ft
0210	HMA, 3E3	5010045	183.000	Ton
0220	HMA, 4E3	5010051	122.000	Ton
0230	HMA, 5E3	5010057	122.000	Ton
0240	HMA Approach	5010061	40.000	Ton
0250	Joint, Expansion, E3	6020208	43.000	Ft
0260	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	242.000	Syd
0270	_ Conc Pavt, Misc, Nonreinf, 4 inch, Modified	6027011	31.000	Syd
0280	_ Curb and Gutter, Bridge Approach, Modified	8027001	98.000	Ft

0290	Guardrail, Type B	8070000	325.000	Ft
0300	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0310	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0320	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0330	Guardrail Reflector	8070080	18.000	Ea
0340	Post, Mailbox	8070095	2.000	Ea
0350	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,100.000	Ft
0360	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,100.000	Ft
0370	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	356.000	Ft
0380	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	356.000	Ft
0390	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0400	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	16.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	16.000	Sft
0440	_ Turf Establishment	8167011	781.000	Syd

Section: 0002

0450	Structures, Rem	2040060	1.000	LSUM
0460	Aggregate, 6A	2060001	44.000	Cyd
0470	Backfill, Structure, CIP	2060002	1,641.000	Cyd
0480	Excavation, Fdn	2060010	2,155.000	Cyd
0490	Erosion Control, Filter Bag	2080014	2.000	Ea
0500	Erosion Control, Turbidity Curtain, Deep	2080042	300.000	Ft
0510	Underdrain, Fdn, 4 inch	4040031	282.000	Ft
0520	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0530	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0540	Cofferdams	7040007	1.000	LSUM
0550	Prebore, Fdn Piling	7050001	1,033.000	Ft
0560	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0570	Pile, Steel, Furn and Driven, 12 inch	7050030	1,460.000	Ft
0580	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0590	Pile Point, Steel	7050039	72.000	Ea
0600	Pile, Steel, Splice	7050050	42.000	Ea
0610	Expansion Joint Device	7060050	48.000	Ft
0620	False Decking	7060060	3,133.000	Sft
0630	Reinforcement, Steel, Epoxy Coated	7060092	72,409.000	Lb
0640	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0650	Water Repellent Treatment, Penetrating	7060140	28.000	Syd
0660	_ Substructure Conc, Modified	7067021	402.000	Cyd
0670	_ Superstructure Conc, Modified	7067021	185.000	Cyd
0680	Bearing, Elastomeric, 3 1/2 inch	7070022	5,400.000	Sin
0690	Prest Conc Box Beam, Furn, 33 inch	7080071	540.000	Ft
0700	Prest Conc Box Beam, Erect, 33 inch	7080072	540.000	Ft
0710	Joint Waterproofing	7100001	482.000	Sft

0720	Conc Surface Coating	7100010	1.000	LSUM
0730	_ Bridge Railing, Aesthetic Parapet Tube, Modified	7117001	184.000	Ft
0740	_ Riprap, Heavy, Modified	8137011	313.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 1603 015

Letting Date: March 4, 2016

Contract ID: 19400-127934

Description: 3.84 mi of hot mix asphalt shared-use path, cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signal work and pavement markings on Schavey Road from Clark Road to Herbison Road and from West Herbison Road to south of Howe Road, Clinton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127934A	CM 1619(005)	HK0760	CM 19400
129072A	STP 1619(006)	HK0761	STU 19403
129533A	STP 1619(007)	HK0774	STU 19403

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$116,900.00	1500001	1.000	LSUM
0020	_ Tree Trimming	2017002	5.000	Sta
0030	_ Stump Removal	2017012	1.900	Acre
0040	Stump, Rem, 19 inch to 36 inch	2020006	7.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	6.000	Ea
0060	Curb and Gutter, Rem	2040020	1,210.000	Ft
0070	Pavt, Rem	2040050	1,128.000	Syd
0080	Sidewalk, Rem	2040055	1,707.000	Syd
0090	Embankment, CIP	2050010	341.000	Cyd
0100	Excavation, Earth	2050016	870.000	Cyd
0110	Machine Grading	2050030	7.000	Sta
0120	_ Sidewalk Grading	2057001	5,620.000	Ft
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	65.000	Ea
0140	Erosion Control, Silt Fence	2080036	16,500.000	Ft
0150	Subbase, CIP	3010002	440.000	Cyd
0160	Aggregate Base	3020001	200.000	Ton
0170	Aggregate Base, 8 inch	3020020	9,847.000	Syd
0180	Maintenance Gravel	3060020	1,200.000	Ton
0190	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0200	Culv, CI A, 12 inch	4010131	10.000	Ft
0210	Culv, CI A, Conc, 24 inch	4010168	128.000	Ft
0220	Dr Structure Cover, Adj, Case 1	4030005	66.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0240	Dr Structure Cover, Type G	4030040	2.000	Ea
0250	Dr Structure Cover, Type K	4030050	1.000	Ea

0260	Cold Milling HMA Surface	5010002	40,389.000	Syd
0270	HMA Surface, Rem	5010005	2,584.000	Syd
0280	Hand Patching	5010025	125.000	Ton
0290	HMA, 13A	5010033	7,339.000	Ton
0300	HMA Approach	5010061	20.000	Ton
0310	Driveway, Nonreinf Conc, 6 inch	8010005	345.000	Syd
0320	Curb and Gutter, Conc, Det F4	8020038	2,724.000	Ft
0330	Detectable Warning Surface	8030010	591.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	6,469.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	45,740.000	Sft
0360	Sidewalk, Conc, 6 inch	8030046	2,671.000	Sft
0370	Shared use Path, Grading	8060030	7,322.000	Ft
0380	Shared use Path, HMA	8060040	783.000	Ton
0390	Fence, Moving	8080120	260.000	Ft
0400	Post, Steel, 2 lb	8100370	10.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0420	Sign, Type III, Rem	8100403	10.000	Ea
0430	Sign, Type IIIB	8100405	15.000	Sft
0440	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,523.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	754.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	159.000	Ft
0470	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	11.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	445.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,801.000	Ft
0500	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,091.000	Ft
0510	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0520	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	577.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	577.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Riprap, Plain	8130010	25.000	Syd
0600	Slope Restoration, Type B	8160101	1,613.000	Syd
0610	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft
0620	Conduit, DB, 2, 3 inch	8190032	20.000	Ft
0630	Conduit, DB, 4, 3 inch	8190038	20.000	Ft
0640	Hh, Adj	8190244	2.000	Ea
0650	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0660	Hh, Round	8190260	3.000	Ea
0670	Cable, Sec, 600V, 1, 3/C#6	8190399	60.000	Ft
0680	Conduit, Directional Bore, 2, 3 inch	8190604	70.000	Ft
0690	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
0700	Controller and Cabinet, Digital Type	8200031	1.000	Ea

0710	Controller Fdn, Base Mount	8200045	1.000	Ea
0720	Global Positioning System Module	8200050	1.000	Ea
0730	Digital Loop Detector	8200055	2.000	Ea
0740	Pedestal, Fdn	8200105	3.000	Ea
0750	Pedestal, Underground Serv, Metered	8200111	1.000	Ea
0760	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dlr
0770	Pushbutton and Sign	8200121	2.000	Ea
0780	Serv Disconnect	8200135	1.000	Ea
0790	Span Wire	8200140	1.000	Ea
0800	Traf Loop, Presence	8200171	1.000	Ea
0810	Traf Loop, Calling	8200172	1.000	Ea
0820	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
0830	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0840	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
0850	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0860	Strain Pole Fdn, 6 Bolt	8200470	27.000	Ft
0870	Casing	8200480	20.000	Ft
0880	Gate Box, Adj, Case 1	8230431	7.000	Ea
0890	Gate Box, Adj, Case 2	8230432	7.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 016

Letting Date: March 4, 2016

Contract ID: 39405-121445

Description: 0.97 mi of hot mix asphalt cold milling and resurfacing, trenching, concrete curb and gutter, drainage, shared-use path and slope restoration on Portage Road from Romence Road to Milham Avenue, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121445A	NH 1639(012)	HK0744	NH 39405

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$71,000.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	66.000	Ft
0040	Curb and Gutter, Rem	2040020	1,500.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	_ Pavt, Rem, Modified	2047011	215.000	Syd
0070	Subgrade Undercutting, Type II	2050041	1,750.000	Cyd
0080	Subbase, CIP	3010002	150.000	Cyd
0090	Aggregate Base, 6 inch	3020016	6,510.000	Syd
0100	Aggregate Base, 8 inch	3020020	290.000	Syd
0110	_ Trenching, Modified	3077002	4.000	Sta
0120	Sewer, Cl E, 12 inch, Tr Det B	4020600	60.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0150	Dr Structure Cover, Type Q	4030065	2.000	Ea
0160	Dr Structure Lead, Cleaning, 12 inch	4030112	200.000	Ft
0170	Dr Structure, 24 inch dia	4030200	4.000	Ea
0180	Dr Structure, Cleaning	4030290	15.000	Ea
0190	_ Dr Structure Cover, Type B, Modified	4037050	2.000	Ea
0200	_ Dr Structure Cover, Type G, Modified	4037050	8.000	Ea
0210	_ Dr Structure Cover, Type K, Modified	4037050	18.000	Ea
0220	_ Dr Structure, 48 inch dia, Leach Basin	4037050	3.000	Ea
0230	Cold Milling HMA Surface	5010002	19,800.000	Syd
0240	HMA, 13A	5010033	500.000	Ton
0250	HMA, 36A	5010034	500.000	Ton
0260	HMA, 3E3	5010045	40.000	Ton
0270	HMA, 4E3	5010051	45.000	Ton

0280	HMA, 5E3	5010057	3,440.000	Ton
0290	Conc Base Cse, Nonreinf, 6 inch	6020015	226.000	Syd
0300	Curb and Gutter, Conc, Det C4	8020023	1,500.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	20.000	Ft
0320	Detectable Warning Surface	8030010	77.000	Ft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	498.000	Sft
0340	Shared use Path, Grading	8060030	4,831.000	Ft
0350	Post, Steel, 3 lb	8100371	84.000	Ft
0360	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0370	Sign, Type III, Rem	8100403	4.000	Ea
0380	Sign, Type IIIA	8100404	13.000	Sft
0390	Sign, Type IIIB	8100405	40.000	Sft
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	71.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0440	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,430.000	Ft
0450	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,875.000	Ft
0460	Recessing Pavement Markings, Longit	8110450	9,305.000	Ft
0470	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0480	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0490	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0500	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	2,000.000	Ft
0530	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	7,500.000	Ft
0540	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	500.000	Ft
0550	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	1,000.000	Ft
0560	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0580	Sign Cover	8120310	5.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	Slope Restoration, Type A	8160100	200.000	Syd
0630	Slope Restoration, Type B	8160101	5,685.000	Syd
0640	Monument Box	8210001	1.000	Ea
0650	Monument Box Adjust	8210005	1.000	Ea
0660	Gate Box, Adj, Case 1	8230431	6.000	Ea
0670	Gate Box, Adj, Case 2	8230432	3.000	Ea
0680	_ Project Sign	8507050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 017

Letting Date: March 4, 2016

Contract ID: 12555-120228

Description: 0.93 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, watermain, pavement markings and restoration on Matteson Street from south of Park Street to north of Industrial Drive, on Corey Street from south of Walker Street to Matteson Street and on Rudd Street from south of Walker Street to Matteson Street in the city of Bronson, Branch County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120228A	STP 1612(001)	RT0325	STL 12555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$65,400.00	1500001	1.000	LSUM
0020	Sewer, Rem, Less than 24 inch	2030015	50.000	Ft
0030	Curb and Gutter, Rem	2040020	2,596.000	Ft
0040	Sidewalk, Rem	2040055	470.000	Syd
0050	Track, Rem	2040065	210.000	Ft
0060	Exploratory Investigation, Vertical	2040080	15.000	Ft
0070	_ Pavt, Rem, Modified	2047011	5,085.000	Syd
0080	Embankment, CIP	2050010	323.000	Cyd
0090	Excavation, Earth	2050016	1,366.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0110	Erosion Control, Silt Fence	2080036	200.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	209.000	Cyd
0140	Aggregate Base, 6 inch	3020016	5,085.000	Syd
0150	Maintenance Gravel	3060020	100.000	Ton
0160	Maintenance Gravel, LM	3060021	100.000	Cyd
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	50.000	Ft
0180	Sewer, Cl E, 18 inch, Tr Det B	4020602	50.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	38.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	22.000	Ea
0210	Dr Structure Cover, Type B	4030010	20.000	Ea
0220	Dr Structure Cover, Type K	4030050	23.000	Ea
0230	Dr Structure Cover, Type Q	4030065	23.000	Ea
0240	Dr Structure, Temp Lowering	4030390	18.000	Ea
0250	Cold Milling HMA Surface	5010002	16,662.000	Syd
0260	Hand Patching	5010025	10.000	Ton
0270	HMA Approach	5010061	5.000	Ton

0280	HMA, LVSP	5010703	2,705.000	Ton
0290	Conc Pavt, Nonreinf, 6 inch	6020100	160.000	Syd
0300	Driveway, Nonreinf Conc, 6 inch	8010005	173.000	Syd
0310	Curb and Gutter, Conc, Det F4	8020038	2,786.000	Ft
0320	Detectable Warning Surface	8030010	200.000	Ft
0330	Sidewalk Ramp, Conc, 4 inch	8030034	1,310.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	3,394.000	Sft
0350	Post, Mailbox	8070095	20.000	Ea
0360	Post, Steel, 3 lb	8100371	90.000	Ft
0370	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0380	Sign, Type II, Rem	8100397	1.000	Ea
0390	Sign, Type IIA	8100398	9.000	Sft
0400	Sign, Type IIB	8100399	12.000	Sft
0410	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,260.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,273.000	Ft
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,620.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,273.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,620.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0490	Channelizing Device, 42 inch, Furn	8120030	110.000	Ea
0500	Channelizing Device, 42 inch, Oper	8120031	110.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0530	Lighted Arrow, Type C, Standby	8120142	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	5,000.000	Ft
0560	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	695.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	695.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Slope Restoration, Type A	8160100	1,698.000	Syd
0620	Fire Hydrant	8230040	3.000	Ea
0630	Gate Valve and Box, 6 inch	8230051	3.000	Ea
0640	Gate Valve and Box, 8 inch	8230052	7.000	Ea
0650	Water Main, 4 inch, Cut and Plug	8230130	5.000	Ea
0660	Water Main, DI, 6 inch, Tr Det G	8230151	50.000	Ft
0670	Water Main, DI, 8 inch, Tr Det G	8230156	1,509.000	Ft
0680	Water Serv	8230240	13.000	Ea
0690	Water Serv, Long	8230245	14.000	Ea
0700	Gate Box, Adj, Temp, Case 1	8230391	24.000	Ea

0710	Gate Box, Reconst, Case 1	8230411	8.000	Ea
0720	Gate Box, Adj, Case 1	8230431	25.000	Ea
0730	Gate Box, Adj, Case 2	8230432	12.000	Ea
0740	Contractor Staking	8240001	1.000	LSUM
0750	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0760	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0770	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



1/29/2016 11:03 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 018

Letting Date: March 4, 2016

Contract ID: 21011-122996

Description: Bridge removal and replacement with prestressed concrete box beams, hot mix asphalt surfacing and guardrail on County Road I-39 over Rapid River, Delta County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122996A	N/A	N/A	MCS 21011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$63,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.140	Acre
0030	Embankment, CIP	2050010	135.000	Cyd
0040	Excavation, Earth	2050016	884.000	Cyd
0050	Erosion Control, Silt Fence	2080036	1,600.000	Ft
0060	Subbase, CIP	3010002	905.000	Cyd
0070	Aggregate Base	3020001	51.000	Ton
0080	Aggregate Base, 8 inch	3020020	2,512.000	Syd
0090	Shoulder, CI II, 3 inch	3070125	532.000	Syd
0100	Culv, CI F, 12 inch	4010607	32.000	Ft
0110	HMA, LVSP	5010703	312.000	Ton
0120	Conc Pavt, Bridge Approach, Reinf	6020600	14.000	Syd
0130	Curb and Gutter, Bridge Approach	8020010	68.000	Ft
0140	Guardrail, Type B	8070000	263.000	Ft
0150	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0160	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0170	Guardrail Reflector	8070080	24.000	Ea
0180	Post, Steel, 3 lb	8100371	84.000	Ft
0190	Sign, Type IIIB	8100405	42.000	Sft
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,600.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,600.000	Ft
0220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0270	_ Slope Restoration, Modified	8167011	1,292.000	Syd

Section: 0002

0280	Structures, Rem	2040060	1.000	LSUM
0290	Backfill, Structure, CIP	2060002	290.000	Cyd
0300	Excavation, Fdn	2060010	640.000	Cyd
0310	Excavation, Rock Fdn	2060011	34.000	Cyd
0320	Erosion Control, Filter Bag	2080014	3.000	Ea
0330	Underdrain, Fdn, 4 inch	4040031	120.000	Ft
0340	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0350	Cofferdams	7040007	1.000	LSUM
0360	Conc, Grade T	7060013	138.000	Cyd
0370	Expansion Joint Device	7060050	28.000	Ft
0380	Reinforcement, Steel, Epoxy Coated	7060092	16,588.000	Lb
0390	Substructure Conc	7060100	93.000	Cyd
0400	Superstructure Conc	7060110	69.000	Cyd
0410	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0420	Water Repellent Treatment, Penetrating	7060140	450.000	Syd
0430	Bearing, Elastomeric, 2 1/2 inch	7070018	6,007.000	Sin
0440	Prest Conc Deck, 39 inch	7080006	2,708.000	Sft
0450	Post Tensioning	7080015	1.000	LSUM
0460	Joint Waterproofing	7100001	382.000	Sft
0470	Bridge Railing, 2 Tube	7110008	152.000	Ft
0480	Riprap, Heavy	8130006	220.000	Ton
0490	Riprap, Plain	8130011	110.000	Ton



1/29/2016 11:03 AM

Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 019

Letting Date: March 4, 2016

Contract ID: 11555-123763-2

Description: 0.20 mi of hot mix asphalt overlay, foundation excavation, backfill structure, structure removal, precast concrete box culvert, concrete curb and gutter, watermain, sanitary sewer, guardrail, and pavement marking on Red Arrow Highway at Cherry Beach Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123763A	STP 1511(021)	RT0219	STL 11555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$143,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.500	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Dr Structure, Rem	2030011	6.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	650.000	Ft
0060	Sewer, Rem, 24 inch to 48 inch	2030016	550.000	Ft
0070	Curb, Rem	2040021	775.000	Ft
0080	Guardrail, Rem	2040035	1,500.000	Ft
0090	Structures, Rem	2040060	1.000	LSUM
0100	_ Pavt Rem, Mod	2047011	2,000.000	Syd
0110	Embankment, CIP	2050010	100.000	Cyd
0120	Excavation, Earth	2050016	600.000	Cyd
0130	Backfill, Structure, CIP	2060002	27,000.000	Cyd
0140	Excavation, Fdn	2060010	27,500.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0160	Erosion Control, Maintenance, Sediment Removal	2080026	4.000	Cyd
0170	Erosion Control, Silt Fence	2080036	1,120.000	Ft
0180	_ Aggregate Base, Mod	3027031	875.000	Ton
0190	Shoulder, CI II	3070121	150.000	Ton
0200	Geotextile, Separator	3080005	1,505.000	Syd
0210	Culv, CI B, Conc, 12 inch	4010267	25.000	Ft
0220	Culv, CI B, Conc, 15 inch	4010268	575.000	Ft
0230	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0240	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0250	Video Taping Sewer and Culv Pipe	4021275	1,130.000	Ft
0260	_ 18" dia H.D.P.E. Storm Sewer	4027001	190.000	Ft
0270	Dr Structure Cover, Type K	4030050	4.000	Ea

0280	Dr Structure, 24 inch dia	4030200	4.000	Ea
0290	Dr Structure, 48 inch dia	4030210	7.000	Ea
0300	_ Dr Structure Cover, Type B, Modified	4037050	6.000	Ea
0310	_ Dr Structure Cover, Type K, Modified	4037050	1.000	Ea
0320	Culv Bedding, Box Culv	4060005	230.000	Cyd
0330	_ Culv, Precast Conc Box, 12 foot by 7 foot and Wingwalls	4067001	345.000	Ft
0340	HMA Surface, Rem	5010005	2,300.000	Syd
0350	HMA, 4E1	5010050	1,025.000	Ton
0360	HMA, 5E1	5010056	635.000	Ton
0370	_ Bypass Pumping	7047050	1.000	Ea
0380	_ Utility Bypassing	7047051	1.000	LSUM
0390	_ Construction Dam	7057050	2.000	Ea
0400	_ Outlet Headwall With Baffle, 18 inch	7067050	2.000	Ea
0410	Curb and Gutter, Conc, Det C4	8020023	760.000	Ft
0420	Guardrail, Type B	8070000	1,500.000	Ft
0430	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0440	Guardrail Reflector	8070080	75.000	Ea
0450	_ Guardrail 15 Foot Radius	8077001	25.000	Ft
0460	_ Guardrail 50 Foot Radius	8077001	60.000	Ft
0470	_ Terminal End Shoe, Type B	8077050	2.000	Ea
0480	Fence, Protective	8080007	200.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,700.000	Ft
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0530	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0540	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	666.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	666.000	Sft
0570	Riprap, Plain	8130010	150.000	Syd
0580	Slope Restoration, Type B	8160101	4,000.000	Syd
0590	Slope Restoration, Type C	8160102	10,000.000	Syd
0600	Water Main, DI, 12 inch, Tr Det G	8230166	340.000	Ft
0610	_ Sanitary Sewer Pipe, 36 inch dia	8507001	450.000	Ft
0620	_ Sanitary Sewer MH, 60 inch dia	8507050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 020

Letting Date: March 4, 2016

Contract ID: 41555-127098

Description: 0.75 mi of road reconstruction including hot mix asphalt surfacing, concrete curb, gutter and sidewalk, storm sewer and pavement marking on Post Drive from Pine Island Drive to Samrick Avenue, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127098A	STP 1641(026)	HK0762	EDCF 41555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$80,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	1.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Curb and Gutter, Rem	2040020	1,321.000	Ft
0060	Guardrail, Rem	2040035	75.000	Ft
0070	Sidewalk, Rem	2040055	32.000	Syd
0080	Exploratory Investigation, Vertical	2040080	20.000	Ft
0090	Embankment, CIP	2050010	605.000	Cyd
0100	Excavation, Earth	2050016	9,131.000	Cyd
0110	Subgrade Undercutting, Type I	2050040	100.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0140	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	5,857.000	Cyd
0170	_ Aggregate Base, Modified	3027021	1,879.000	Cyd
0180	Approach, CI I, CIP	3070002	73.000	Cyd
0190	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0200	Culv, CI B, Conc, 12 inch	4010267	48.000	Ft
0210	Sewer, CI II, 15 inch, Tr Det B	4020749	127.000	Ft
0220	Dr Structure Cover, Type J	4030045	2.000	Ea
0230	Dr Structure Cover, Type K	4030050	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	4.000	Ea
0250	_ Dr Structure Cover, Type BB	4037050	1.000	Ea
0260	_ Underdrain, Subbase, 6 inch, Modified	4047001	2,600.000	Ft
0270	Cold Milling HMA Surface	5010002	7,735.000	Syd

0280	HMA Surface, Rem	5010005	11,498.000	Syd
0290	HMA, 2C	5010030	4,700.000	Ton
0300	HMA, 5E3	5010057	1,761.000	Ton
0310	HMA Approach	5010061	95.000	Ton
0320	_ HMA Spillway	5017001	15.000	Ft
0330	Curb and Gutter, Conc, Det B2	8020016	146.000	Ft
0340	Curb and Gutter, Conc, Det F4	8020038	3,162.000	Ft
0350	_ Driveway Opening, Conc, Det M, Modified	8027001	412.000	Ft
0360	_ Spillway, Conc, Modified	8027001	25.000	Ft
0370	Detectable Warning Surface	8030010	78.000	Ft
0380	Sidewalk Ramp, Conc, 6 inch	8030036	684.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	2,788.000	Sft
0400	Guardrail, Type B	8070000	13.000	Ft
0410	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	536.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	154.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,600.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,513.000	Ft
0500	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0510	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	80.000	Ft
0540	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0550	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Riprap, Plain	8130010	20.000	Syd
0600	Mulch Blanket	8160027	100.000	Syd
0610	Seeding, Mixture CR	8160035	34.000	Lb
0620	Topsoil Surface, Furn, 3 inch	8160061	2,765.000	Syd
0630	Water, Sodding/Seeding	8160090	10.000	Unit
0640	_ Roadside Seeding	8167011	2,765.000	Syd
0650	Pushbutton and Sign	8200121	3.000	Ea
0660	Pushbutton, Rem	8200122	3.000	Ea
0670	Monument Box	8210001	1.000	Ea
0680	Monument Preservation	8210010	1.000	Ea
0690	Water Shutoff, Adj, Case 2	8230422	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 021

Letting Date: March 4, 2016

Contract ID: 79457-126205

Description: 0.45 mi of pavement removal, hot mix asphalt surfacing, aggregate base, drainage, concrete curb, gutter and ramps, and watermain on Almer Street from Frank Street to Gilford Road in the city of Caro, Tuscola County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126205A	STP 1679(007)	HK0759	STUL 79457

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$52,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Curb and Gutter, Rem	2040020	3,900.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Pavt, Rem	2040050	4,550.000	Syd
0060	_ Pavt, Rem, Modified	2047011	400.000	Syd
0070	_ Sidewalk, Rem, Modified	2047011	250.000	Syd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	_ Machine Grading, Modified	2057002	24.000	Sta
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0110	Erosion Control, Inlet Protection, Sediment Trap	2080024	24.000	Ea
0120	Erosion Control, Silt Fence	2080036	500.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Aggregate Base	3020001	4,700.000	Ton
0150	Maintenance Gravel, LM	3060021	50.000	Cyd
0160	Sewer Tap, 4 inch	4021200	1.000	Ea
0170	_ Remove Sanitary Manhole	4027050	8.000	Ea
0180	_ Sanitary Manhole with Cover, 48 inch	4027050	8.000	Ea
0190	Dr Structure Cover, Type K	4030050	2.000	Ea
0200	Dr Structure, 24 inch dia	4030200	2.000	Ea
0210	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	24.000	Ea
0220	Underdrain, Subbase, 4 inch	4040061	300.000	Ft
0230	HMA Surface, Rem	5010005	11,200.000	Syd
0240	HMA, 4E3	5010051	1,850.000	Ton
0250	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	325.000	Syd
0260	_ Driveway, Reinf Conc, 8 inch, Modified	8017011	60.000	Syd
0270	Curb and Gutter, Conc, Det F4	8020038	2,300.000	Ft

0280	Driveway Opening, Conc, Det M	8020050	100.000	Ft
0290	_ Detectable Warning Surface, Modified	8037001	200.000	Ft
0300	_ Sidewalk Ramp, Conc, 4 inch, Modified	8037010	1,550.000	Sft
0310	_ Sidewalk, Conc, 4 inch, Modified	8037010	310.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,560.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	180.000	Ft
0340	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	3,680.000	Ft
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	623.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	623.000	Sft
0420	Slope Restoration, Type A	8160100	5,000.000	Syd
0430	Monument Box Adjust	8210005	8.000	Ea
0440	Monument Preservation	8210010	8.000	Ea
0450	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea
0460	_ 1 inch Water Service, Type K Copper, Tr Det G	8237001	170.000	Ft
0470	_ Water Main, 8 inch, Tr Det G	8237001	300.000	Ft
0480	_ Exploratory Excavation, Watermain	8237040	3.000	Hr
0490	_ 1 inch Corporation and Tap	8237050	6.000	Ea
0500	_ 1 inch Curb Stop and Box	8237050	6.000	Ea
0510	_ Connection To Existing Watermain	8237050	3.000	Ea
0520	_ Water Main, 4 inch, Cut and Plug, Modified	8237050	2.000	Ea
0530	_ Abandon Existing Watermain	8237051	1.000	LSUM
0540	_ Testing and Disinfection	8237051	1.000	LSUM
0550	_ Exploratory Excavation, Sanitary	8507040	4.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1603 022

Letting Date: March 4, 2016

Contract ID: 52555-119494

Description: 1.20 mi of hot mix asphalt crushing, shaping and resurfacing, clearing, culverts, aggregate base, guardrail, restoration and pavement markings on County Road 557 at County Road 438, Marquette County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119494A	STP 1652(008)	GG0112	STL 52555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$51,700.00	1500001	1.000	LSUM
0020	Ditch Cleanout	2050006	10.000	Sta
0030	Embankment, CIP	2050010	2,000.000	Cyd
0040	Excavation, Earth	2050016	447.000	Cyd
0050	Machine Grading	2050030	20.000	Sta
0060	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0080	_ Subbase Modified, CIP	3017021	447.000	Cyd
0090	Aggregate Base	3020001	3,620.000	Ton
0100	_ Geogrid, Reinforcement	3037011	670.000	Syd
0110	HMA Base Crushing and Shaping	3050002	21,939.000	Syd
0120	Salv Crushed Material, LM	3050015	150.000	Cyd
0130	Approach, CI III	3070041	48.000	Ton
0140	Shoulder, CI III	3070141	878.000	Ton
0150	HMA, 4E3	5010051	2,852.000	Ton
0160	HMA, 5E3	5010057	2,139.000	Ton
0170	HMA Approach	5010061	105.000	Ton
0180	Curb and Gutter, Conc, Det B2	8020016	136.000	Ft
0190	Guardrail, Type B	8070000	450.000	Ft
0200	Guardrail Approach Terminal, Type 1B	8070040	6.000	Ea
0210	Guardrail Reflector	8070080	20.000	Ea
0220	Post, Mailbox	8070095	1.000	Ea
0230	Post, Steel, 2 lb	8100370	690.000	Ft
0240	Sign, Type IIIA	8100404	6.000	Sft
0250	Sign, Type IIIB	8100405	166.000	Sft
0260	Recessing Pavement Markings, Longit	8110450	32,390.000	Ft
0270	Pavt Mrkg, Modified Urethane, 4 inch, White	8110537	17,950.000	Ft

0280	Pavt Mrkg, Modified Urethane, 4 inch, Yellow	8110541	14,440.000	Ft
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	720.000	Ft
0330	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	720.000	Ft
0340	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0360	Sign Cover	8120310	5.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	424.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	424.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Fertilizer, Chemical Nutrient, CI A	8160020	114.000	Lb
0410	Mulch	8160025	2,500.000	Syd
0420	Seeding, Mixture TDS	8160037	114.000	Lb
0430	Topsoil Surface, Furn, 3 inch	8160061	2,500.000	Syd



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Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 023

Letting Date: March 4, 2016

Contract ID: 48555-76805

Description: 2.17 mi of hot mix asphalt surfacing, culverts, shoulders and pavement markings on County Road 381 from M-28 to Toonerville Trolley, Luce County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
76805A	STP 1648(003)	RT0323	STL 48555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$33,900.00	1500001	1.000	LSUM
0020	Culv, End, Rem, 24 inch to 48 inch	2030006	9.000	Ea
0030	Erosion Control, Silt Fence	2080036	360.000	Ft
0040	Aggregate Base, LM	3020002	80.000	Cyd
0050	Approach, CI II, LM	3070023	20.000	Cyd
0060	Shoulder, CI II, LM	3070123	800.000	Cyd
0070	Culv, CI A, CSP, 24 inch	4010202	60.000	Ft
0080	Culv, CSP Arch, CI A, 35 inch by 24 inch	4010747	408.000	Ft
0090	HMA, 13A	5010033	3,500.000	Ton
0100	HMA Approach	5010061	20.000	Ton
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,915.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,864.000	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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,800.000	Ft
0170	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0220	Monument Preservation	8210010	2.000	Ea
0230	Protect Corners	8210020	1.000	Ea



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Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 024

Letting Date: March 4, 2016

Contract ID: 41400-120894

Description: 0.04 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing, pavement marking and traffic signal on Lake Drive from Bagley Avenue to Conlon Avenue and at Breton Road in the city of East Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120894A	CM 1641(029)	HK0795	CM 41400
124399A	STP 1641(030)	HK0796	STU 41481

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$143,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	25.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	1,100.000	Ft
0040	Pavt, Rem	2040050	1,000.000	Syd
0050	Sidewalk, Rem	2040055	1,700.000	Syd
0060	Exploratory Investigation, Vertical	2040080	150.000	Ft
0070	_ Curb and Gutter, Rem, Modified	2047001	6,550.000	Ft
0080	Subgrade Undercutting, Type II	2050041	2,100.000	Cyd
0090	_ Roadway Grading	2057002	38.000	Sta
0100	_ Erosion Control, Inlet Protection, Silt Bag	2087050	30.000	Ea
0110	Subbase, CIP	3010002	4,600.000	Cyd
0120	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	12,800.000	Syd
0130	Maintenance Gravel, LM	3060021	250.000	Cyd
0140	Sewer, Cl E, 12 inch, Tr Det B	4020600	272.000	Ft
0150	Sewer, Cl E, 15 inch, Tr Det B	4020601	1,624.000	Ft
0160	Sewer, Cl E, 18 inch, Tr Det B	4020602	104.000	Ft
0170	Sewer Bulkhead, 15 inch	4021231	15.000	Ea
0180	Video Taping Sewer and Culv Pipe	4021275	2,232.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	65.000	Ea
0200	Dr Structure Cover, Type B	4030010	50.000	Ea
0210	Dr Structure Cover, Type K	4030050	26.000	Ea
0220	Dr Structure, 48 inch dia	4030210	18.000	Ea
0230	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0240	Dr Structure, Temp Lowering	4030390	12.000	Ea
0250	Cold Milling HMA Surface	5010002	3,300.000	Syd
0260	HMA Surface, Rem	5010005	12,200.000	Syd

0270	Hand Patching	5010025	20.000	Ton
0280	HMA, 2C	5010030	2,250.000	Ton
0290	HMA, 4E1	5010050	1,487.000	Ton
0300	HMA, 5E1	5010056	1,475.000	Ton
0310	HMA Approach	5010061	26.000	Ton
0320	Cement	6030005	2.000	Ton
0330	_ Flowable Fill, Non-Structural	6037021	70.000	Cyd
0340	Driveway, Nonreinf Conc, 6 inch	8010005	500.000	Syd
0350	Driveway Opening, Conc, Det M	8020050	100.000	Ft
0360	_ Curb and Gutter, Conc, Det F4, Modified	8027001	6,400.000	Ft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	2,800.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	9,400.000	Sft
0390	Sidewalk, Conc, 6 inch	8030046	550.000	Sft
0400	_ Detectable Warning Surface, Modified	8037001	350.000	Ft
0410	_ Brick Pavers	8037010	2,300.000	Sft
0420	_ Concrete, Special, 9 inch	8037010	2,800.000	Sft
0430	Post, Steel, 3 lb	8100371	39.000	Ft
0440	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0450	Sign, Type III, Rem	8100403	3.000	Ea
0460	Sign, Type IIIB	8100405	9.000	Sft
0470	Mast Arm Pole Fdn, 6 Bolt	8100550	56.000	Ft
0480	_ Ornamental Mast Arm Pole, 21 foot, Cat III, with Orn. Base	8107050	4.000	Ea
0490	_ Ornamental Mast Arm, 35 foot, Cat III	8107050	3.000	Ea
0500	_ Ornamental Mast Arm, 50 foot, Cat III	8107050	1.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	900.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	160.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0560	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,400.000	Ft
0570	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,600.000	Ft
0580	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
0590	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	Ea
0600	Dust Palliative, Applied	8120100	5.000	Ton
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	750.000	Ft
0630	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	500.000	Ft
0640	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0650	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0680	Traf Regulator Control	8120370	1.000	LSUM
0690	_ Turf Establishment	8167011	3,600.000	Syd
0700	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea

0710	Cable Pole, TS, Disman	8190010	2.000	Ea
0720	Conduit, DB, 1, 1 1/2 inch	8190027	100.000	Ft
0730	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
0740	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
0750	Conduit, Rem	8190140	26.000	Ft
0760	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0770	Hh, Round	8190260	3.000	Ea
0780	Wood Pole, Rem	8190505	3.000	Ea
0790	Conduit, Directional Bore, 2, 3 inch	8190604	200.000	Ft
0800	Conduit, Directional Bore, 3, 3 inch	8190606	100.000	Ft
0810	Case Sign, Rem	8200020	1.000	Ea
0820	Controller and Cabinet, Rem	8200030	1.000	Ea
0830	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0840	Controller Fdn, Base Mount	8200045	1.000	Ea
0850	Global Positioning System Module	8200050	1.000	Ea
0860	Fdn, Rem	8200065	1.000	Ea
0870	Pedestal, Alum	8200100	2.000	Ea
0880	Pedestal, Fdn	8200105	2.000	Ea
0890	Pedestal Fdn, Rem	8200106	1.000	Ea
0900	Pedestal, Rem	8200110	1.000	Ea
0910	Power Co. (Est. Cost to Contractor)	8200116	1.000	Dlr
0920	Pushbutton and Sign	8200121	4.000	Ea
0930	Serv Disconnect	8200135	1.000	Ea
0940	Serv Disconnect, Rem	8200136	1.000	Ea
0950	Span Wire, Rem	8200141	3.000	Ea
0960	Steel Pole, Rem	8200145	1.000	Ea
0970	Guy, Rem	8200167	3.000	Ea
0980	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0990	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1000	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
1010	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
1020	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1030	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
1040	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
1050	Video Traf Detection System	8200380	1.000	Ea
1060	Video Traf Detection Camera	8200381	2.000	Ea
1070	Casing	8200480	44.000	Ft
1080	_ Water Main Insulation System	8237001	120.000	Ft
1090	_ Water Valve Box, Adjust	8237050	27.000	Ea
1100	_ Sanitary Sewer, 8 inch, SDR 35	8257001	20.000	Ft
1110	_ Sanitary Sewer Manhole, 48 inch dia	8257050	1.000	Ea
1120	_ Sprinkler Pipe, PVC	8507001	200.000	Ft
1130	_ Sprinkler Head, New or Salvaged	8507050	25.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 025

Letting Date: March 4, 2016

Contract ID: 50009-115621

Description: Bridge removal and replacement with 21-inch prestressed concrete box beams on concrete abutments, channel relocation, hot mix asphalt surfacing and guardrail on Chapman Road over Deer Creek, Macomb County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
115621A	BRO 1650(006)	RT0319	BRO 50009

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$73,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Guardrail, Rem	2040035	300.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0080	Exploratory Investigation, Vertical	2040080	7.000	Ft
0090	Subgrade Undercutting, Type II	2050041	700.000	Cyd
0100	_ Station Grading	2057002	4.000	Sta
0110	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0120	Erosion Control, Sediment Trap	2080034	2.000	Ea
0130	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0140	Subbase, CIP	3010002	485.000	Cyd
0150	_ Aggregate Base, 6 inch, Modified	3027011	1,328.000	Syd
0160	_ Approach, CI II, 6 inch, Modified	3077011	18.000	Syd
0170	_ Shoulder, CI II, 7 inch, Modified	3077011	206.000	Syd
0180	Geotextile, Stabilization	3080010	1,000.000	Syd
0190	Culv End Sect, 15 inch	4010015	4.000	Ea
0200	Culv, CI F, 15 inch	4010608	73.000	Ft
0210	Underdrain, Subgrade, 4 inch	4040071	704.000	Ft
0220	Underdrain Outlet, 4 inch	4040091	100.000	Ft
0230	Underdrain, Outlet Ending, 4 inch	4040111	10.000	Ea
0240	HMA, 3E3	5010045	155.000	Ton
0250	HMA, 4E3	5010051	103.000	Ton
0260	_ HMA Residential Driveway	5017031	8.000	Ton
0270	_ HMA, 5E3, Modified	5017031	103.000	Ton

0280	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	93.000	Syd
0290	_ Curb and Gutter, Bridge Approach, Modified	8027001	84.000	Ft
0300	Guardrail, Type B	8070000	413.000	Ft
0310	Guardrail, Curved, Type B	8070010	13.000	Ft
0320	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0330	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0340	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0350	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0360	Guardrail Reflector	8070080	20.000	Ea
0370	Post, Mailbox	8070095	3.000	Ea
0380	Sign, Type III, Rem	8100403	11.000	Ea
0390	Pavt Mrkg, Waterborne, 4 inch, White	8110231	800.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	100.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	800.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	100.000	Ft
0430	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	200.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Sign, Type A, Temp, Prismatic, Furn	8120340	17.000	Sft
0500	Sign, Type A, Temp, Prismatic, Oper	8120341	17.000	Sft
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	396.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	396.000	Sft
0530	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	95.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	95.000	Sft
0550	Ditch, Plain Cobble	8140005	42.000	Syd
0560	_ Slope Restoration, Modified	8167011	1,400.000	Syd
0570	_ Reimbursed Permit Fees	8507051	1.000	LSUM

Section: 0002

0580	Structures, Rem	2040060	1.000	LSUM
0590	_ Excavation, Channel, Modified	2057021	1,560.000	Cyd
0600	Aggregate, 6A	2060001	20.000	Cyd
0610	Backfill, Structure, CIP	2060002	325.000	Cyd
0620	Excavation, Fdn	2060010	565.000	Cyd
0630	Erosion Control, Filter Bag	2080014	2.000	Ea
0640	Erosion Control, Turbidity Curtain, Deep	2080042	725.000	Ft
0650	Erosion Control, Turbidity Curtain, Shallow	2080044	725.000	Ft
0660	Underdrain, Fdn, 4 inch	4040031	230.000	Ft
0670	Cofferdams	7040007	1.000	LSUM
0680	Pile Driving Equipment, Furn	7050002	1.000	LSUM

0690	Pile, Steel, Furn and Driven, 12 inch	7050030	1,630.000	Ft
0700	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0710	Pile Point, Steel	7050039	38.000	Ea
0720	Pile, Steel, Splice	7050050	38.000	Ea
0730	False Decking	7060060	650.000	Sft
0740	Reinforcement, Steel, Epoxy Coated	7060092	19,833.000	Lb
0750	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0760	_ Substructure Conc, Modified	7067021	136.000	Cyd
0770	_ Superstructure Conc, Modified	7067021	48.000	Cyd
0780	_ Bearing, Elastomeric, 1 1/8 inch	7077008	2,050.000	Sin
0790	_ Bearing, Elastomeric, 1 7/8 inch	7077008	2,050.000	Sin
0800	Prest Conc Box Beam, Furn, 21 inch	7080061	240.000	Ft
0810	Prest Conc Box Beam, Erect, 21 inch	7080062	240.000	Ft
0820	Joint Waterproofing	7100001	256.000	Sft
0830	Conc Surface Coating	7100010	1.000	LSUM
0840	Bridge Railing, Aesthetic Parapet Tube	7110005	96.000	Ft
0850	Riprap, Plain	8130010	8.000	Syd
0860	_ Riprap, Heavy, Modified	8137011	1,875.000	Syd



1/29/2016 11:03 AM

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Schedule of Pay Items

Report v1

Letting Call: 1603 026

Letting Date: March 4, 2016

Contract ID: 77019-123023

Description: Bridge removal and replacement with a precast concrete three-sided culvert on concrete footings, pile driving, hot mix asphalt paving and guardrail on Biles Road over the south branch of Mill Creek, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123023A	BRO 1677(003)	RT0317	BRO 77019

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$70,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	8.000	Sta
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Guardrail, Rem	2040035	140.000	Ft
0050	Exploratory Investigation, Vertical	2040080	30.000	Ft
0060	Embankment, CIP	2050010	600.000	Cyd
0070	Excavation, Earth	2050016	494.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	6.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	4.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,375.000	Ft
0130	Subbase, CIP	3010002	416.000	Cyd
0140	_ Aggregate Base, 10 inch, Modified	3027011	1,385.000	Syd
0150	_ Approach, CI II, Modified	3077031	635.000	Ton
0160	_ Shoulder, CI II, Modified	3077031	55.000	Ton
0170	_ Shoulder, Cobble	3077031	30.000	Ton
0180	_ Geotextile Base Reinforcement	3087011	1,215.000	Syd
0190	Culv End Sect, 24 inch	4010024	2.000	Ea
0200	Sewer, CI A, 24 inch, Tr Det B	4020036	72.000	Ft
0210	Video Taping Sewer and Culv Pipe	4021275	72.000	Ft
0220	Dr Structure Cover, Type E	4030035	1.000	Ea
0230	Dr Structure, 48 inch dia	4030210	1.000	Ea
0240	Underdrain, Subbase, 6 inch	4040063	500.000	Ft
0250	Underdrain Outlet, 6 inch	4040093	110.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0270	HMA Approach	5010061	178.000	Ton

0280	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	239.000	Syd
0290	Joint, Contraction, Cp	6020200	105.000	Ft
0300	Guardrail, Type B	8070000	250.000	Ft
0310	Guardrail, Curved, Type B	8070010	19.000	Ft
0320	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0330	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0340	Guardrail Reflector	8070080	16.000	Ea
0350	_ Guardrail Post, Culv, Modified	8077050	38.000	Ea
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	117.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	117.000	Sft
0410	_ Slope Restoration, Modified	8167011	1,325.000	Syd
0420	Monument Preservation	8210010	2.000	Ea
0430	Protect Corners	8210020	2.000	Ea

Section: 0002

0440	Structures, Rem	2040060	1.000	LSUM
0450	Excavation, Fdn	2060010	1,225.000	Cyd
0460	_ Backfill, Structure, Modified	2067021	1,130.000	Cyd
0470	Erosion Control, Filter Bag	2080014	2.000	Ea
0480	Erosion Control, Gravel Filter Berm	2080018	25.000	Ft
0490	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0500	Underdrain, Fdn, 6 inch	4040033	179.000	Ft
0510	_ Culv, Precast Arch, 36 foot by 11 foot, Modified	4067001	48.000	Ft
0520	Cofferdams, Left in Place	7040009	1.000	LSUM
0530	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0540	Pile, Steel, Furn and Driven, 14 inch	7050034	1,460.000	Ft
0550	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0560	Pile, Steel, Splice	7050050	36.000	Ea
0570	Conc, Grade S2, Subfooting	7060012	66.000	Cyd
0580	Reinforcement, Steel, Epoxy Coated	7060092	4,902.000	Lb
0590	Substructure Conc	7060100	68.000	Cyd
0600	_ Structure Name Plate	7067050	1.000	Ea
0610	Joint Waterproofing	7100001	203.000	Sft
0620	Membrane, Preformed Waterproofing	7100008	1,968.000	Sft
0630	Conc Surface Coating	7100010	1.000	LSUM
0640	Riprap, Plain	8130010	280.000	Syd



1/29/2016 11:03 AM

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Schedule of Pay Items

Report v1

Letting Call: 1603 027

Letting Date: March 4, 2016

Contract ID: 23400-123902

Description: Modernize signals, improve timing and provide interconnect to improve traffic flow, installation of traffic detection equipment and concrete sidewalk on Snow Road at Michigan Avenue and St. Joe Highway, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123902A	CM 1623(004)	HK0797	CM 23400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$31,100.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	160.000	Syd
0030	Detectable Warning Surface	8030010	40.000	Ft
0040	_ Sidewalk, Conc, 4 inch, Modified	8037010	1,440.000	Sft
0050	Mast Arm Pole, Cat III	8100512	8.000	Ea
0060	Mast Arm, 45 foot, Cat III	8100545	2.000	Ea
0070	Mast Arm, 50 foot, Cat III	8100546	6.000	Ea
0080	Mast Arm Pole Fdn, 6 Bolt	8100550	112.000	Ft
0090	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0130	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0160	_ Slope Restoration, Modified	8167011	100.000	Syd
0170	Cable Pole, TS, Dismant	8190010	1.000	Ea
0180	Conduit, DB, 1, 1 1/2 inch	8190027	200.000	Ft
0190	Conduit, DB, 2, 3 inch	8190032	120.000	Ft
0200	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
0210	Hh, Rem	8190254	7.000	Ea
0220	Hh, Round, 3 foot Dia.	8190259	2.000	Ea
0230	Hh, Round	8190260	6.000	Ea
0240	Cable, Sec, 600V, 1, 3/C#4	8190395	120.000	Ft
0250	Conduit, Directional Bore, 2, 3 inch	8190604	440.000	Ft
0260	Case Sign, Rem	8200020	2.000	Ea
0270	Controller and Cabinet, Rem	8200030	2.000	Ea

0280	Controller and Cabinet, Digital Type	8200031	2.000	Ea
0290	Controller Fdn, Base Mount	8200045	2.000	Ea
0300	Controller Fdn, Rem	8200046	1.000	Ea
0310	Global Positioning System Module	8200050	2.000	Ea
0320	Fdn, Rem	8200065	2.000	Ea
0330	Pedestal, Fdn	8200105	5.000	Ea
0340	Pedestal Fdn, Rem	8200106	2.000	Ea
0350	Pedestal, Rem	8200110	2.000	Ea
0360	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0370	Pushbutton and Sign	8200121	16.000	Ea
0380	Pushbutton, Rem	8200122	8.000	Ea
0390	Pushbutton Pedestal, Alum	8200123	6.000	Ea
0400	Serv Disconnect	8200135	2.000	Ea
0410	Span Wire, Rem	8200141	6.000	Ea
0420	Steel Pole, Rem	8200145	2.000	Ea
0430	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0440	TS, Pedestrian, Pedestal Mtd, Rem	8200181	4.000	Ea
0450	TS, Span Wire Mtd, Rem	8200182	11.000	Ea
0460	TS, One Way Mast Arm Mtd, RTGA (LED)	8200301	1.000	Ea
0470	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	8.000	Ea
0480	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	6.000	Ea
0490	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0500	TS, One Way Mast Arm Mtd (LED)	8200359	16.000	Ea
0510	TS, Antenna, Rem	8200368	1.000	Ea
0520	Video Traf Detection System	8200380	2.000	Ea
0530	Video Traf Detection Camera	8200381	8.000	Ea
0540	Wireless Intercn, Closed Loop, Remote	8200395	1.000	Ea
0550	Casing	8200480	82.000	Ft
0560	_ Optical Priority Control System	8207050	2.000	Ea
0570	_ St Name Sign, Two Way, (LED), 6 foot	8207050	2.000	Ea
0580	_ Systems Setup and Adjustments	8207060	1,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 1603 028

Letting Date: March 4, 2016

Contract ID: 26141-109971

Description: 1.85 mi of ultra-thin hot mix asphalt overlay of existing pavement and lane widening, trenching, aggregate base and hot mix asphalt leveling course, aggregate shoulders and pavement markings on Round Lake Road from Sugar River Road north to Sargent Road, Gladwin County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
109971A	STP 1626(003)	RT0299	STL 26141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$29,900.00	1500001	1.000	LSUM
0020	_ Intersection Preparation	2057011	800.000	Syd
0030	Project Cleanup	2090001	1.000	LSUM
0040	_ Aggregate Base, Modified	3027031	1,530.000	Ton
0050	Shoulder, CI II	3070121	480.000	Ton
0060	Trenching	3070200	196.000	Sta
0070	HMA Surface, Rem	5010005	280.000	Syd
0080	HMA, 3C	5010031	716.000	Ton
0090	HMA, 13A	5010033	1,251.000	Ton
0100	_ HMA, Ultra-Thin, Medium Volume	5017011	26,500.000	Syd
0110	Post, Mailbox	8070095	15.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,536.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,200.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	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	1,000.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	130.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	130.000	Ea
0220	Sign Cover	8120310	5.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	480.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	480.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	126.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	126.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Monument Box Adjust	8210005	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 029

Letting Date: March 4, 2016

Contract ID: 34008-122725

Description: Bank stabilization, pier improvements, concrete patching, sidewalk, slope paving, hot mix asphalt cold milling and resurfacing, guardrail and approach work on Bridge Street over the Grand River in the village of Lyons, Ionia County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122725A	N/A	N/A	MCS 34008

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$27,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	170.000	Ft
0030	Erosion Control, Silt Fence	2080036	200.000	Ft
0040	Cold Milling HMA Surface	5010002	1,300.000	Syd
0050	HMA, 4C	5010032	120.000	Ton
0060	Guardrail, Curved, Type B	8070010	20.000	Ft
0070	Guardrail, Curved, Type T	8070011	20.000	Ft
0080	Guardrail Anch, Bridge, Det T3	8070024	3.000	Ea
0090	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0100	Guardrail Reflector	8070080	10.000	Ea
0110	_ Guardrail Anch, Bridge, Det T3, Mod	8077050	1.000	Ea
0120	_ Guardrail Departing Terminal, Type B, Mod	8077050	1.000	Ea
0130	_ Guardrail, Reconnect	8077050	2.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0190	Sign Cover	8120310	20.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Type B	8160101	1,000.000	Syd

Section: 0002

0240	_ Slope Paving, Rem	2047011	50.000	Syd
0250	Backfill, Structure, CIP	2060002	10.000	Cyd

0260	Erosion Control, Turbidity Curtain, Deep	2080042	150.000	Ft
0270	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0280	Structural Steel, Mixed, Erect	7070050	35,000.000	Lb
0290	Structural Steel, Mixed, Furn and Fab	7070051	35,000.000	Lb
0300	Hand Chipping, Other Than Deck	7120007	55.000	Cft
0310	Patch, Forming	7120017	40.000	Sft
0320	_ Patching Conc, M, Mod	7127020	530.000	Cft
0330	Riprap, Heavy	8130006	50.000	Ton
0340	_ Slope Paving, Header, Forming	8137001	45.000	Ft
0350	_ Slope Paving, Header, Mod	8137001	45.000	Ft
0360	_ Slope Paving, Conc, Mod	8137011	50.000	Syd



1/29/2016 11:03 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 030

Letting Date: March 4, 2016

Contract ID: 72609-127415

Description: 2.84 mi of hot mix asphalt surfacing, shoulder, pavement markings and guardrail on F 97 at St. Helen Road North, Roscommon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127415A	HSIP 1672(001)	KK4029	HSIP 72609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$27,100.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	50.000	Ton
0030	Shoulder, CI II	3070121	2,110.000	Ton
0040	HMA, 13A	5010033	3,320.000	Ton
0050	Guardrail, Type B	8070000	225.000	Ft
0060	Guardrail, Backed, Det G2	8070016	2.000	Ea
0070	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0080	Guardrail, Salv	8070075	328.000	Ft
0090	Guardrail Reflector	8070080	6.000	Ea
0100	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	20.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	29,880.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,673.000	Ft
0130	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0140	Channelizing Device, 42 inch, Furn	8120030	180.000	Ea
0150	Channelizing Device, 42 inch, Oper	8120031	180.000	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 R, 4 inch, Yellow, Temp	8120241	1,340.000	Ft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	548.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	548.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 1603 031

Letting Date: March 4, 2016

Contract ID: 70439-124454

Description: 0.98 mi of hot mix asphalt resurfacing, concrete curb, gutter and sidewalk ramps, storm and sanitary sewer, watermain and pavement markings on 136th Avenue from Riley Street to Quincy Street and on Greenly Street east of 136th Avenue, Ottawa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124454A	STP 1670(218)	HK0799	STUL 70439

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$339,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0060	Dr Structure, Rem	2030011	11.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,660.000	Ft
0080	_ Sewer, Abandon	2037001	375.000	Ft
0090	Curb and Gutter, Rem	2040020	1,636.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0110	Pavt, Rem	2040050	14,505.000	Syd
0120	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0130	_ Machine Grading, Modified, 136th Avenue	2057002	53.000	Sta
0140	_ Machine Grading, Modified, Greenly Street	2057002	13.000	Sta
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	52.000	Ea
0160	Erosion Control, Silt Fence	2080036	14,100.000	Ft
0170	_ Aggregate Base, 8 inch, Modified	3027011	31,625.000	Syd
0180	_ Approach, CI II, 6 inch, Modified	3027011	2,645.000	Syd
0190	Culv End Sect, Conc, 12 inch	4010047	9.000	Ea
0200	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0210	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0220	Culv End Sect, Conc, 36 inch	4010053	3.000	Ea
0230	Culv End Sect, Conc, 42 inch	4010054	1.000	Ea
0240	Culv, CI A, Conc, 36 inch	4010170	84.000	Ft
0250	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,297.000	Ft
0260	Sewer, CI IV, 15 inch, Tr Det B	4020988	173.000	Ft
0270	Sewer, CI IV, 18 inch, Tr Det B	4020989	438.000	Ft

0280	Sewer, CI IV, 24 inch, Tr Det B	4020993	217.000	Ft
0290	Sewer, CI IV, 36 inch, Tr Det B	4020995	364.000	Ft
0300	Sewer, CI IV, 42 inch, Tr Det B	4020996	67.000	Ft
0310	Sewer Tap, 12 inch	4021204	2.000	Ea
0320	Sewer Tap, 36 inch	4021209	3.000	Ea
0330	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0340	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0350	Dr Structure Cover, Type B	4030010	12.000	Ea
0360	Dr Structure Cover, Type C	4030015	44.000	Ea
0370	Dr Structure Cover, Type G	4030040	3.000	Ea
0380	Dr Structure, 24 inch dia	4030200	14.000	Ea
0390	Dr Structure, 48 inch dia	4030210	32.000	Ea
0400	Dr Structure, 60 inch dia	4030220	6.000	Ea
0410	Dr Structure, 72 inch dia	4030230	2.000	Ea
0420	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0430	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	9.000	Ea
0440	_ Dr Structure, 84 inch dia	4037050	1.000	Ea
0450	_ Mh, Precast Tee, CI IV, 36 inch	4037050	1.000	Ea
0460	Underdrain, Subgrade, 6 inch	4040073	10,360.000	Ft
0470	HMA Surface, Rem	5010005	28,790.000	Syd
0480	HMA, 13A	5010033	595.000	Ton
0490	HMA, 4E3	5010051	2,940.000	Ton
0500	HMA, 5E3	5010057	2,940.000	Ton
0510	HMA Approach	5010061	513.000	Ton
0520	Driveway, Nonreinf Conc, 6 inch	8010005	170.000	Syd
0530	Curb and Gutter, Conc, Det D2	8020031	10,518.000	Ft
0540	Driveway Opening, Conc, Det M	8020050	643.000	Ft
0550	Detectable Warning Surface	8030010	264.000	Ft
0560	Sidewalk Ramp, Conc, 6 inch	8030036	916.000	Sft
0570	Sidewalk, Conc, 4 inch	8030044	90.000	Sft
0580	Post, Mailbox	8070095	29.000	Ea
0590	Fence, Moving	8080120	30.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	222.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0620	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0650	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0660	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,800.000	Ft
0670	Pavt Mrkg, Waterborne, 6 inch, White	8110233	700.000	Ft
0680	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	500.000	Ft
0690	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,800.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	700.000	Ft
0710	Barricade, Type III, High Intensity, Double Sided,	8120012	6.000	Ea

	Lighted, Furn			
0720	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0750	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0760	Sign, Type B, Temp, Prismatic, Furn	8120350	274.000	Sft
0770	Sign, Type B, Temp, Prismatic, Oper	8120351	274.000	Sft
0780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	240.000	Sft
0790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	240.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0810	Mulch Blanket	8160027	10,747.000	Syd
0820	_ Slope Restoration	8167002	66.000	Sta
0830	Hydrant, Rem	8230091	5.000	Ea
0840	_ Water Main, Abandon, 20 inch	8237001	5,155.000	Ft
0850	_ Water Main, DI, 20 inch, Tr Det G, Modified	8237001	5,110.000	Ft
0860	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	180.000	Ft
0870	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	280.000	Ft
0880	_ Water Service, Copper, 1 1/2 inch	8237001	150.000	Ft
0890	_ Water Service, Copper, 1 inch	8237001	550.000	Ft
0900	_ Water Service, Copper, 2 inch	8237001	20.000	Ft
0910	_ Fire Hydrant, 5 inch, Modified	8237050	9.000	Ea
0920	_ Water Main, Bend, 45 Degree, 6 inch	8237050	4.000	Ea
0930	_ Water Main, Bend, 45 Degree, 8 inch	8237050	12.000	Ea
0940	_ Water Main, Bend, 90 Degree, 6 Inch	8237050	12.000	Ea
0950	_ Water Main, Gate Valve and Box, 20 inch, Modified	8237050	5.000	Ea
0960	_ Water Main, Gate Valve and Box, 6 inch, Modified	8237050	10.000	Ea
0970	_ Water Main, Gate Valve and Box, 8 inch, Modified	8237050	12.000	Ea
0980	_ Water Main, Plug, Remove, 16 inch	8237050	1.000	Ea
0990	_ Water Main, Plug, Remove, 20 inch	8237050	1.000	Ea
1000	_ Water Main, Reducer, 20 inch x 16 inch	8237050	1.000	Ea
1010	_ Water Main, Sleeve, 20 inch	8237050	2.000	Ea
1020	_ Water Main, Sleeve, 6 inch	8237050	1.000	Ea
1030	_ Water Main, Sleeve, 8 inch	8237050	12.000	Ea
1040	_ Water Main, Tee, 20 inch x 20 inch x 6 inch	8237050	7.000	Ea
1050	_ Water Main, Tee, 20 inch x 20 inch x 8 inch	8237050	12.000	Ea
1060	_ Water Main, Tee, 8 inch x 8 inch x 6 inch	8237050	3.000	Ea
1070	_ Water Service, 1 1/2 inch Curb Stop & Box	8237050	1.000	Ea
1080	_ Water Service, 1 1/2 inch Tap Incl Corp Stop	8237050	7.000	Ea
1090	_ Water Service, 1 inch Curb Stop & Box	8237050	2.000	Ea
1100	_ Water Service, 1 inch Tap Incl Corp Stop	8237050	28.000	Ea
1110	_ Water Service, 2 inch Curb Stop & Box	8237050	1.000	Ea
1120	_ Water Service, 2 inch Tap Incl Corp Stop	8237050	1.000	Ea
1130	_ Water Shutoff, Relocate	8237050	3.000	Ea
1140	_ Sanitary Sewer, 10 inch, Tr Det G	8257001	432.000	Ft

1150	_ Sanitary Sewer, 12 inch, Tr Det G	8257001	432.000	Ft
1160	_ Sanitary Sewer, 8 inch, Tr Det G	8257001	1,155.000	Ft
1170	_ Sanitary Sewer, Lateral, 6 inch, Tr Det G	8257001	1,120.000	Ft
1180	_ Sanitary Lateral, Adj	8257050	5.000	Ea
1190	_ Sanitary Sewer Wye with Riser, 6 inch	8257050	9.000	Ea
1200	_ Sanitary Sewer, Core and Boot Manhole, 10 inch	8257050	1.000	Ea
1210	_ Sanitary Structure, 48 inch dia	8257050	8.000	Ea
1220	_ Sanitary Structure, Cover	8257050	8.000	Ea



1/29/2016 11:03 AM

Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 032

Letting Date: March 4, 2016

Contract ID: 63112-108096

Description: 5.20 mi of hot mix asphalt cold milling and resurfacing, concrete repairs, driveway, curb, gutter, sidewalk and ramps, drainage, watermain, signing, traffic signals, and pavement markings on M-24 from Harmon Road to south of Goldengate Avenue in the city of Auburn Hills, Oakland County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
108096A	NH 1663(029)	HK0821	GF16 63112
110561A	HSIP 1663(026)	KK4036	HSIP 63112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	_ Critical Path Method Network Schedule	1027051	1.000	LSUM
0020	_ Incentive, M-24, Open to Traffic	1047060	300,000.000	Dlr
0030	Mobilization, Max \$3,041,300.00	1500001	1.000	LSUM
0040	Clearing	2010001	1.390	Acre
0050	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	68.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0090	Culv, End, Rem, Less than 24 inch	2030005	23.000	Ea
0100	Culv, End, Rem, 24 inch to 48 inch	2030006	7.000	Ea
0110	Dr Structure, Abandon	2030010	2.000	Ea
0120	Dr Structure, Rem	2030011	142.000	Ea
0130	Sewer, Rem, Less than 24 inch	2030015	13,277.000	Ft
0140	Sewer, Rem, 24 inch to 48 inch	2030016	2,277.000	Ft
0150	Asbestos Materials, Removal and Disposal	2040001	10,000.000	Dlr
0160	Curb and Gutter, Rem	2040020	33,422.000	Ft
0170	Fence, Rem	2040025	83.000	Ft
0180	Guardrail, Rem	2040035	5,854.000	Ft
0190	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0200	Pavt, Rem	2040050	74,876.000	Syd
0210	Sidewalk, Rem	2040055	4,801.000	Syd
0220	Exploratory Investigation, Vertical	2040080	500.000	Ft
0230	Embankment, CIP	2050010	29,697.000	Cyd
0240	Excavation, Earth	2050016	127,736.000	Cyd
0250	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd

0260	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0270	_ High Performance Uniaxial Geogrid	2057011	49,517.000	Syd
0280	_ Subgrade Undercutting, Modified	2057021	3,000.000	Cyd
0290	_ Phragmites Plant Material Handling and Disposal, LM	2057021	8,634.000	Cyd
0300	Aggregate, 6A	2060001	20.000	Cyd
0310	Backfill, Structure, CIP	2060002	140.000	Cyd
0320	Erosion Control, Check Dam, Stone	2080012	1,812.000	Ft
0330	Erosion Control, Filter Bag	2080014	3.000	Ea
0340	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0350	Erosion Control, Inlet Protection, Fabric Drop	2080020	417.000	Ea
0360	Erosion Control, Inlet Protection, Sediment Trap	2080024	68.000	Ea
0370	Erosion Control, Maintenance, Sediment Removal	2080026	75.000	Cyd
0380	Erosion Control, Sediment Basin	2080032	180.000	Cyd
0390	Erosion Control, Sediment Trap	2080034	91.000	Ea
0400	Erosion Control, Silt Fence	2080036	27,047.000	Ft
0410	Erosion Control, Turbidity Curtain, Deep	2080042	480.000	Ft
0420	Project Cleanup	2090001	1.000	LSUM
0430	Subbase, CIP	3010002	30,383.000	Cyd
0440	Aggregate Base	3020001	2,771.000	Ton
0450	Aggregate Base, 4 inch	3020010	16,885.000	Syd
0460	Aggregate Base, 6 inch	3020016	7,485.000	Syd
0470	Open-Graded Dr Cse, 6 inch	3030006	15,525.000	Syd
0480	Open-Graded Dr Cse, CIP	3030030	8,768.000	Cyd
0490	_ Open-Graded Dr Cse, 16 inch	3037011	129,751.000	Syd
0500	Shoulder, CI II, 4 inch	3070126	14,428.000	Syd
0510	Shoulder, CI II, 4 inch, Temp	3070181	1,454.000	Syd
0520	Geotextile, Separator	3080005	167,312.000	Syd
0530	Geotextile, Stabilization	3080010	6,000.000	Syd
0540	Culv End Sect, 12 inch	4010012	52.000	Ea
0550	Culv End Sect, 15 inch	4010015	12.000	Ea
0560	Culv End Sect, 24 inch	4010024	4.000	Ea
0570	Culv End Sect, Conc, 30 inch	4010052	3.000	Ea
0580	Culv, CI A, 12 inch	4010131	926.000	Ft
0590	Culv, CI A, 15 inch	4010132	177.000	Ft
0600	Culv, CI E, 30 inch	4010543	69.000	Ft
0610	Culv, CI F, 12 inch	4010607	365.000	Ft
0620	Culv, CI F, 15 inch	4010608	173.000	Ft
0630	Culv, CI F, 18 inch	4010609	187.000	Ft
0640	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	1.000	Ea
0650	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0660	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	3.000	Ea
0670	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	3.000	Ea
0680	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0690	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0700	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	1.000	Ea

0710	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	5.000	Ea
0720	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	1.000	Ea
0730	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0740	Culv, Slp End Sect, 1 on 6, 48 inch, Longit	4010965	2.000	Ea
0750	Dr Marker Post	4011109	41.000	Ea
0760	Sewer, Cl A, 12 inch, Tr Det A	4020004	67.000	Ft
0770	Sewer, Cl A, 18 inch, Tr Det A	4020006	118.000	Ft
0780	Sewer, Cl A, 24 inch, Tr Det A	4020007	341.000	Ft
0790	Sewer, Cl A, 30 inch, Tr Det A	4020008	159.000	Ft
0800	Sewer, Cl A, 6 inch, Tr Det B	4020030	32.000	Ft
0810	Sewer, Cl A, 12 inch, Tr Det B	4020033	10,353.000	Ft
0820	Sewer, Cl A, 15 inch, Tr Det B	4020034	5,023.000	Ft
0830	Sewer, Cl A, 18 inch, Tr Det B	4020035	7,209.000	Ft
0840	Sewer, Cl A, 24 inch, Tr Det B	4020036	3,791.000	Ft
0850	Sewer, Cl A, 30 inch, Tr Det B	4020037	444.000	Ft
0860	Sewer, Cl A, 36 inch, Tr Det B	4020038	448.000	Ft
0870	Sewer, Cl A, 42 inch, Tr Det B	4020039	344.000	Ft
0880	Sewer, Cl A, 48 inch, Tr Det B	4020040	1,849.000	Ft
0890	Sewer, Cl B, 12 inch, Tr Det B	4020183	235.000	Ft
0900	Sewer, Cl B, 15 inch, Tr Det B	4020184	338.000	Ft
0910	Sewer, Cl B, 18 inch, Tr Det B	4020185	72.000	Ft
0920	Sewer, Cl E, 12 inch, Tr Det B	4020600	7,057.000	Ft
0930	Sewer, Cl E, 15 inch, Tr Det B	4020601	847.000	Ft
0940	Sewer, Cl E, 18 inch, Tr Det B	4020602	1,483.000	Ft
0950	Sewer, Cl E, 24 inch, Tr Det B	4020603	352.000	Ft
0960	Sewer, Cl E, 30 inch, Tr Det B	4020604	118.000	Ft
0970	Sewer, Cl E, 48 inch, Tr Det B	4020607	46.000	Ft
0980	Sewer, Cl IV, 18 inch, Tr Det A	4020962	8.000	Ft
0990	Sewer, Cl IV, 36 inch, Tr Det A	4020965	40.000	Ft
1000	Sewer, Cl IV, 12 inch, Tr Det B	4020987	45.000	Ft
1010	Sewer, Cl IV, 18 inch, Tr Det B	4020989	24.000	Ft
1020	Sewer, Cl IV, 48 inch, Tr Det B	4020997	40.000	Ft
1030	Sewer Tap, 4 inch	4021200	2.000	Ea
1040	Sewer Tap, 6 inch	4021201	3.000	Ea
1050	Sewer Tap, 12 inch	4021204	3.000	Ea
1060	Sewer Tap, 15 inch	4021205	1.000	Ea
1070	Sewer Tap, 24 inch	4021207	1.000	Ea
1080	Sewer Tap, 36 inch	4021209	3.000	Ea
1090	Sewer Tap, 60 inch	4021213	4.000	Ea
1100	Sewer Bulkhead, 12 inch	4021230	27.000	Ea
1110	Sewer Bulkhead, 15 inch	4021231	2.000	Ea
1120	Sewer Bulkhead, 18 inch	4021232	18.000	Ea
1130	Sewer Bulkhead, 24 inch	4021234	16.000	Ea
1140	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
1150	Trench Undercut and Backfill	4021260	10.000	Cyd

1160	Video Taping Sewer and Culv Pipe	4021275	40,320.000	Ft
1170	_ Sewer Tap, 3 inch	4027050	2.000	Ea
1180	Dr Structure Cover, Adj, Case 2	4030006	85.000	Ea
1190	Dr Structure Cover, Type B	4030010	64.000	Ea
1200	Dr Structure Cover, Type D	4030025	80.000	Ea
1210	Dr Structure Cover, Type E	4030035	32.000	Ea
1220	Dr Structure Cover, Type G	4030040	73.000	Ea
1230	Dr Structure Cover, Type J	4030045	271.000	Ea
1240	Dr Structure Cover, Type Q	4030065	14.000	Ea
1250	Dr Structure Cover, Type VG	4030090	2.000	Ea
1260	Dr Structure Lead, Cleaning, 12 inch	4030112	1,197.000	Ft
1270	Dr Structure Lead, Cleaning, 15 inch	4030115	130.000	Ft
1280	Dr Structure Lead, Cleaning, 18 inch	4030118	970.000	Ft
1290	Dr Structure Lead, Cleaning, 24 inch	4030124	446.000	Ft
1300	Dr Structure Lead, Cleaning, 36 inch	4030136	201.000	Ft
1310	Dr Structure, 24 inch dia	4030200	60.000	Ea
1320	Dr Structure, 48 inch dia	4030210	268.000	Ea
1330	Dr Structure, 60 inch dia	4030220	32.000	Ea
1340	Dr Structure, 72 inch dia	4030230	17.000	Ea
1350	Dr Structure, 84 inch dia	4030231	5.000	Ea
1360	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	283.000	Ft
1370	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	2.000	Ft
1380	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	62.000	Ft
1390	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	7.000	Ft
1400	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	81.000	Ft
1410	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	7.000	Ft
1420	Dr Structure, Adj, Add Depth	4030280	27.000	Ft
1430	Dr Structure, Cleaning	4030290	32.000	Ea
1440	Dr Structure, Tap, 6 inch	4030306	18.000	Ea
1450	Dr Structure, Tap, 12 inch	4030312	31.000	Ea
1460	Dr Structure, Tap, 15 inch	4030315	5.000	Ea
1470	Dr Structure, Tap, 18 inch	4030318	9.000	Ea
1480	Dr Structure, Tap, 24 inch	4030324	5.000	Ea
1490	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
1500	Dr Structure, Tap, 36 inch	4030336	3.000	Ea
1510	Dr Structure, Tap, 48 inch	4030348	1.000	Ea
1520	Dr Structure, Temp Lowering	4030390	4.000	Ea
1530	Mh Base, 48 inch, Type 1	4030401	1.000	Ea
1540	Mh Riser	4030505	10.000	Ft
1550	_ Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4037001	16.000	Ft

1560	_ Sanitary Structure Cover, Adj, Add Depth	4037001	10.000	Ft
1570	_ Dr Structure, Add depth of 96 inch dia, 8 foot to 15 foot	4037001	2.000	Ft
1580	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	75.000	Ea
1590	_ Dr Structure, 96 inch dia	4037050	2.000	Ea
1600	_ Sanitary Structure Cover, Adj, Case 1	4037050	6.000	Ea
1610	_ Sanitary Structure Cover, Adj, Case 2	4037050	27.000	Ea
1620	Underdrain, Fdn, 4 inch	4040031	120.000	Ft
1630	Underdrain, Pipe, Open-Graded, 6 inch	4040043	50,941.000	Ft
1640	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
1650	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	728.000	Ft
1660	Underdrain Outlet, 4 inch	4040091	20.000	Ft
1670	Underdrain Outlet, 6 inch	4040093	145.000	Ft
1680	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1690	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
1700	Cold Milling HMA Surface	5010002	165,333.000	Syd
1710	Bump Grinding	5010004	1,000.000	Syd
1720	HMA Surface, Rem	5010005	117,117.000	Syd
1730	HMA Quality Initiative	5010007	188,000.000	Dlr
1740	Pavt for Butt Joints, Rem	5010008	692.000	Syd
1750	Edge Trimming	5010009	5,300.000	Ft
1760	Longitudinal Joint Density Quality Initiative	5010018	337,656.000	Dlr
1770	Pavt Joint and Crack Repr, Det 7	5010020	30,000.000	Ft
1780	Pavt Joint and Crack Repr, Det 8	5010021	2,250.000	Ft
1790	Hand Patching	5010025	1,725.000	Ton
1800	HMA, 3E10	5010046	12,699.000	Ton
1810	HMA, 4E3	5010051	3,226.000	Ton
1820	HMA, 5E10	5010058	917.000	Ton
1830	HMA Approach	5010061	14,629.000	Ton
1840	HMA, 3E10, High Stress	5010504	12,595.000	Ton
1850	HMA, 4E10, High Stress	5010510	13,169.000	Ton
1860	HMA, 5E10, High Stress	5010516	15,381.000	Ton
1870	HMA Approach, High Stress	5010520	20,834.000	Ton
1880	HMA, Temp Pavt (3E3)	5010804	79.000	Ton
1890	HMA, Temp Pavt (4E3)	5010805	7,608.000	Ton
1900	HMA, Temp Pavt (5E3)	5010806	47.000	Ton
1910	_ Ride Incentive	5017060	76,650.000	Dlr
1920	Conc Base Cse, Nonreinf, 9 inch	6020021	633.000	Syd
1930	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	195.000	Syd
1940	Joint, Contraction, Cp	6020200	250.000	Ft
1950	Joint, Plane-of-Weakness W, Intersection	6020310	112.000	Ft
1960	Conc Quality Initiative	6020401	66,029.000	Dlr
1970	_ Conc Base Cse, Nonreinf, 11 inch	6027011	1,247.000	Syd
1980	Cement	6030005	12.000	Ton
1990	Cold Milling Conc Pavt	6030014	1,096.000	Syd

2000	Joint, Contraction, Crg	6030020	1,389.000	Ft
2010	Joint, Expansion, Erg	6030021	270.000	Ft
2020	Joint, Tied, Trg	6030023	1,119.000	Ft
2030	Lane Tie, Epoxy Anchored	6030030	448.000	Ea
2040	Non-Chloride Accelerator	6030035	125.000	Gal
2050	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,000.000	Syd
2060	Pavt Repr, Rem	6030080	1,000.000	Syd
2070	Steel Sheet Piling, Temp	7040002	5,300.000	Sft
2080	Conc, Grade D	7060010	8.000	Cyd
2090	Conc, Grade S2	7060011	48.000	Cyd
2100	Reinforcement, Steel, Epoxy Coated	7060092	4,335.000	Lb
2110	_ Sign Optical, Salv	8007050	2.000	Ea
2120	_ Thermal Detection Camera, Rem	8007050	1.000	Ea
2130	_ Thermal Detection System Machine Vision Processor, Rem	8007050	1.000	Ea
2140	_ Thermal Detection Camera	8007050	6.000	Ea
2150	_ Thermal Detection System (MVP)	8007050	2.000	Ea
2160	Driveway, Nonreinf Conc, 8 inch	8010007	4,597.000	Syd
2170	Curb, Conc, Det E4	8020004	30.000	Ft
2180	Curb and Gutter, Conc, Det B1	8020015	3,517.000	Ft
2190	Curb and Gutter, Conc, Det B2	8020016	54,601.000	Ft
2200	Curb and Gutter, Conc, Det D2	8020031	452.000	Ft
2210	Driveway Opening, Conc, Det M	8020050	7,127.000	Ft
2220	Shoulder Gutter, Conc, Det 1	8020055	10.000	Ea
2230	Shoulder Gutter, Conc, Det 2	8020056	3.000	Ea
2240	Shoulder Gutter, Conc, Det 3	8020057	2.000	Ea
2250	Spillway, Conc	8020075	153.000	Ft
2260	_ Curb and Gutter, Conc, Det B1-1, Modified	8027001	2,112.000	Ft
2270	_ Valley Gutter, Conc, Modified	8027001	679.000	Ft
2280	_ Curb and Gutter, Conc, Det B1-2, Modified	8027001	368.000	Ft
2290	Detectable Warning Surface	8030010	838.000	Ft
2300	Sidewalk Ramp, Conc, 6 inch	8030036	13,898.000	Sft
2310	Sidewalk, Conc, 4 inch	8030044	14,128.000	Sft
2320	_ Sidewalk, Conc, 8 inch	8037010	2,791.000	Sft
2330	Curb Sloped, HMA	8050010	5,335.000	Ft
2340	Shared use Path, HMA	8060040	2,307.000	Ton
2350	Guardrail, Type B	8070000	5,230.000	Ft
2360	Guardrail, Curved, Type B	8070010	276.000	Ft
2370	Guardrail Approach Terminal, Type 1B	8070040	5.000	Ea
2380	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
2390	Guardrail Departing Terminal, Type B	8070050	11.000	Ea
2400	Post, Mailbox	8070095	11.000	Ea
2410	_ Timber Rub Rail	8077001	1,845.000	Ft
2420	_ Wood Safety Rail	8077001	1,046.000	Ft
2430	Field Office, CI 1	8090001	24.000	Mo

2440	Field Office, CI 2	8090002	9.000	Mo
2450	Field Office, Utility Fees	8090010	10,000.000	Dlr
2460	Column, Breakaway, W8 x 13	8100120	4.000	Ea
2470	Delineator Reflector	8100130	22.000	Ea
2480	Fdn, Breakaway, W8 x 13	8100160	4.000	Ea
2490	Fdn, Column Breakaway, Rem	8100220	2.000	Ea
2500	Fdn, Wood Support, Rem	8100280	75.000	Ea
2510	Installing MDOT Supplied Sign, Type III	8100302	12.000	Ea
2520	Post, Steel, 3 lb	8100371	18,542.000	Ft
2530	Post, Wood, 4 inch by 6 inch	8100380	954.000	Ft
2540	Post, Wood, 6 inch by 8 inch	8100382	1,630.000	Ft
2550	Sign, Type I, Erect, Salv	8100390	1.000	Ea
2560	Sign, Type I, Rem	8100391	2.000	Ea
2570	Sign, Type IA	8100392	295.000	Sft
2580	Sign, Type II, Erect, Salv	8100396	1.000	Ea
2590	Sign, Type II, Rem	8100397	53.000	Ea
2600	Sign, Type IIA	8100398	1,334.000	Sft
2610	Sign, Type IIB	8100399	793.000	Sft
2620	Sign, Type III, Erect, Salv	8100402	99.000	Ea
2630	Sign, Type III, Rem	8100403	859.000	Ea
2640	Sign, Type IIIA	8100404	2,182.000	Sft
2650	Sign, Type IIIB	8100405	2,768.000	Sft
2660	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2670	Sign, Type VB	8100425	38.000	Sft
2680	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
2690	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	7,740.000	Ft
2700	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	620.000	Ft
2710	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	1,530.000	Ft
2720	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	4,080.000	Ft
2730	Pavt Mrkg, Ovly Cold Plastic, Ped	8110046	1.000	Ea
2740	Pavt Mrkg, Ovly Cold Plastic, Xing	8110047	1.000	Ea
2750	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	68.000	Ea
2760	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	131.000	Ea
2770	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	61.000	Ea
2780	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	5.000	Ea
2790	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	4.000	Ea
2800	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	43,220.000	Ft
2810	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,910.000	Ft
2820	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	39,520.000	Ft
2830	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	35,770.000	Ft
2840	Pavt Mrkg, Sprayable Thermopl, 8 inch, White	8110157	6,230.000	Ft
2850	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	520.000	Ft
2860	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots,	8110293	47.000	Ft

	4 inch, Blue			
2870	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	363.000	Ft
2880	Rem Spec Mrkg	8110343	6,030.000	Sft
2890	_ Enhanced Delineation, Single Color,Guardrail, Post Mount	8117001	5,263.000	Ft
2900	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
2910	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
2920	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
2930	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
2940	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	8.000	Ea
2950	Conc Barrier Reflector Replacement	8120070	20.000	Ea
2960	Conc Barrier, Temp, Furn	8120081	1,400.000	Ft
2970	Conc Barrier, Temp, Oper	8120082	1,400.000	Ft
2980	Conc Barrier, Temp, Relocated	8120083	4,600.000	Ft
2990	High Intensity Light, Type B, Furn	8120110	2.000	Ea
3000	High Intensity Light, Type B, Oper	8120111	2.000	Ea
3010	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
3020	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
3030	Ltg for Night Work	8120160	1.000	LSUM
3040	Minor Traf Devices	8120170	1.000	LSUM
3050	Mobile Attenuator	8120180	3.000	Ea
3060	Part Width Intersection Construction	8120190	2.000	Ea
3070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	43,740.000	Ft
3080	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,310.000	Ft
3090	Plastic Drum, High Intensity, Furn	8120250	1,790.000	Ea
3100	Plastic Drum, High Intensity, Oper	8120251	1,790.000	Ea
3110	Sign Cover	8120310	60.000	Ea
3120	Sign Cover, Type 1	8120320	1.000	Ea
3130	Sign, Type A, Temp, Prismatic, Furn	8120340	550.000	Sft
3140	Sign, Type A, Temp, Prismatic, Oper	8120341	550.000	Sft
3150	Sign, Type B, Temp, Prismatic, Furn	8120350	9,650.000	Sft
3160	Sign, Type B, Temp, Prismatic, Oper	8120351	9,650.000	Sft
3170	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	4,900.000	Sft
3180	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	4,900.000	Sft
3190	_ Pavt Mrkg, Wet Retrflc Type NR, Paint,4 inch, White, Temp	8127001	308,460.000	Ft
3200	_ Pavt Mrkg, Wet Retrflc Type NR, Paint,4 inch, Yellow, Temp	8127001	173,190.000	Ft
3210	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	160,310.000	Ft
3220	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	104,440.000	Ft
3230	_ Delineator, Flexible, Temp, Furn	8127050	250.000	Ea
3240	_ Delineator, Flexible, Temp, Oper	8127050	250.000	Ea
3250	_ Flexible Guardrail Delineator (White)	8127050	109.000	Ea

3260	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	10.000	Ea
3270	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	10.000	Ea
3280	_ Pedestrian Type II Barricade, Temp	8127050	60.000	Ea
3290	_ Intersection Maintenance	8127050	6.000	Ea
3300	_ Driveway Maintenance	8127050	52.000	Ea
3310	Riprap, Heavy	8130006	12.000	Ton
3320	Riprap, Plain	8130010	505.000	Syd
3330	_ Riprap, Fieldstone	8137021	623.000	Cyd
3340	Site Preparation, Max \$10,900.00	8150001	1.000	LSUM
3350	Watering and Cultivating, First Season, Min \$1,000.00	8150002	1.000	LSUM
3360	Watering and Cultivating, Second Season, Min \$1,100.00	8150003	1.000	LSUM
3370	Syringa reticulata 'Ivory Silk', 1 1/2 inch	8153716	20.000	Ea
3380	_ Boulder, Decorative	8157050	154.000	Ea
3390	Mulch	8160025	7,973.000	Syd
3400	Mulch Blanket	8160027	66,570.000	Syd
3410	Mulch Blanket, High Velocity	8160028	4,000.000	Syd
3420	Seeding, Mixture TSM	8160041	165.000	Lb
3430	Topsoil Surface, Furn, 6 inch	8160064	67,939.000	Syd
3440	Water, Sodding/Seeding	8160090	261.000	Unit
3450	Slope Restoration, Type A	8160100	36,367.000	Syd
3460	Slope Restoration, Type B	8160101	72,851.000	Syd
3470	Slope Restoration, Type C	8160102	9,740.000	Syd
3480	Slope Restoration, Type D	8160103	1,968.000	Syd
3490	_ Underdrain Storage Trench	8167001	1,524.000	Ft
3500	_ Bioswale Soil Planting Mix	8167011	5,421.000	Syd
3510	_ Engineered Soil Mix	8167021	4,090.000	Cyd
3520	_ Native Seeding, Type 1	8167030	749.000	Lb
3530	_ Native Seeding, Type 2	8167030	14.000	Lb
3540	_ Bioswale Maintenance	8167050	28.000	Ea
3550	_ Energy Dissipation Ditch Maintenance	8167051	1.000	LSUM
3560	Cable Pole, Sec, Dismant	8190006	5.000	Ea
3570	Cable Pole, TS and Sec, Dismant	8190009	4.000	Ea
3580	Cable Pole, TS, Dismant	8190010	3.000	Ea
3590	Cable, Sec, Rem	8190017	1,685.000	Ft
3600	Conduit, DB, 1, 1 1/2 inch	8190027	1,625.000	Ft
3610	Conduit, DB, 1, 3 inch	8190029	2,210.000	Ft
3620	Conduit, DB, 2, 3 inch	8190032	50.000	Ft
3630	Conduit, DB, 3, 3 inch	8190035	755.000	Ft
3640	Conduit, DB, 4, 3 inch	8190038	70.000	Ft
3650	Conduit, Rem	8190140	8,721.000	Ft
3660	Hh, Rem	8190254	44.000	Ea
3670	Hh, Round, 3 foot Dia.	8190259	5.000	Ea
3680	Hh, Round	8190260	87.000	Ea

3690	Cable, Sec, 600V, 1, 3/C#6	8190399	3,540.000	Ft
3700	Cable, Sec, 600V, 3, 1/C#6	8190407	100.000	Ft
3710	Cable, Sec, Triplex, 1, 3/C#4	8190418	510.000	Ft
3720	Wood Pole	8190465	3.000	Ea
3730	Wood Pole, Fit Up, Sec Cable Pole	8190495	8.000	Ea
3740	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	3.000	Ea
3750	Wood Pole, Fit Up, TS Cable Pole	8190501	3.000	Ea
3760	Wood Pole, Rem	8190505	8.000	Ea
3770	Conduit, Directional Bore, 1, 3 inch	8190602	615.000	Ft
3780	Conduit, Directional Bore, 2, 3 inch	8190604	530.000	Ft
3790	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	3.000	Ea
3800	Case Sign, Rem	8200020	33.000	Ea
3810	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	30.000	Ea
3820	Case Sign (LED), Four Way, 24 inch by 30 inch	8200023	1.000	Ea
3830	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	32.000	Ea
3840	Controller and Cabinet, Rem	8200030	16.000	Ea
3850	Controller and Cabinet, Digital Type	8200031	18.000	Ea
3860	Controller and Cabinet, Salv	8200037	1.000	Ea
3870	Case Sign, Salv	8200039	3.000	Ea
3880	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30	8200042	1.000	Ea
3890	Controller Fdn, Base Mount	8200045	5.000	Ea
3900	Controller Fdn, Rem	8200046	8.000	Ea
3910	Digital Loop Detector	8200055	16.000	Ea
3920	Fdn, Rem	8200065	34.000	Ea
3930	Pedestal, Alum	8200100	17.000	Ea
3940	Pedestal, Fdn	8200105	46.000	Ea
3950	Pedestal Fdn, Rem	8200106	30.000	Ea
3960	Pedestal, Rem	8200110	8.000	Ea
3970	Power Co. (Est. Cost to Contractor)	8200116	20,000.000	Dlr
3980	Pushbutton and Sign	8200121	44.000	Ea
3990	Pushbutton, Rem	8200122	26.000	Ea
4000	Pushbutton Pedestal, Alum	8200123	29.000	Ea
4010	Pushbutton Pedestal, Rem	8200124	22.000	Ea
4020	Serv Disconnect	8200135	22.000	Ea
4030	Serv Disconnect, Rem	8200136	14.000	Ea
4040	Span Wire	8200140	52.000	Ea
4050	Span Wire, Rem	8200141	30.000	Ea
4060	Span Wire Tether	8200142	50.000	Ea
4070	Steel Pole, Rem	8200145	34.000	Ea
4080	Traf Loop	8200170	52.000	Ea
4090	TS, Bracket Arm Mtd, Rem	8200175	12.000	Ea
4100	TS, Pedestal Mtd, Rem	8200179	6.000	Ea
4110	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	24.000	Ea
4120	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea

4130	TS, Span Wire Mtd, Rem	8200182	80.000	Ea
4140	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	3.000	Ea
4150	Warning Sign, Rem	8200261	2.000	Ea
4160	TS, One Way Span Wire Mtd (LED)	8200313	119.000	Ea
4170	TS, Two Way Span Wire Mtd (LED)	8200322	3.000	Ea
4180	TS, One Way Bracket Arm Mtd (LED)	8200333	13.000	Ea
4190	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	7.000	Ea
4200	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	14.000	Ea
4210	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
4220	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	15.000	Ea
4230	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
4240	Sign Optical, Rem	8200372	2.000	Ea
4250	Bracket, Truss, With 9 Foot Arm	8200375	2.000	Ea
4260	Bracket, Truss, With 12 Foot Arm	8200376	2.000	Ea
4270	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
4280	Video Traf Detection System, Rem	8200383	11.000	Ea
4290	Video Traf Detection Camera, Rem	8200384	32.000	Ea
4300	Bracket, Truss, Rem	8200388	29.000	Ea
4310	Wireless Intercn, Closed Loop, Salv	8200389	9.000	Ea
4320	Wireless Intercn, Closed Loop, Remote	8200395	3.000	Ea
4330	Wireless Intercn, Closed Loop, Rem	8200396	9.000	Ea
4340	Wireless Vehicle Detection System	8200422	12.000	Ea
4350	Wireless Vehicle Sensor Node	8200425	166.000	Ea
4360	Case Sign, Non-Illuminated, Salv	8200431	3.000	Ea
4370	Case Sign, Non-Illuminated, Rem	8200432	16.000	Ea
4380	TS, Bag	8200450	114.000	Ea
4390	TS, Bag, Rem	8200451	89.000	Ea
4400	TS Head, Adj	8200452	41.000	Ea
4410	TS Head, Temp	8200453	25.000	Ea
4420	Junction Box, Rem	8200457	1.000	Ea
4430	Strain Pole, Steel, 6 bolt, 30 foot	8200460	39.000	Ea
4440	Strain Pole, Steel, 6 bolt, 36 foot	8200461	23.000	Ea
4450	Strain Pole, Steel, 6 bolt, 40 foot	8200462	4.000	Ea
4460	Strain Pole Fdn, 6 Bolt	8200470	971.000	Ft
4470	Casing	8200480	294.000	Ft
4480	Backplate, TS	8200501	126.000	Ea
4490	Monument Preservation	8210010	4.000	Ea
4500	Protect Corners	8210020	14.000	Ea
4510	Fire Hydrant	8230040	36.000	Ea
4520	Gate Valve and Box, 6 inch	8230051	36.000	Ea
4530	Gate Valve, 12 inch	8230064	1.000	Ea
4540	Gate Valve, 16 inch	8230065	1.000	Ea

4550	Hydrant, Rem	8230091	30.000	Ea
4560	Water Main, DI, 6 inch, Tr Det F	8230150	313.000	Ft
4570	Water Main, DI, 6 inch, Tr Det G	8230151	336.000	Ft
4580	Water Main, DI, 12 inch, Tr Det G	8230166	1,149.000	Ft
4590	Water Main, DI, 16 inch, Tr Det G	8230171	2,654.000	Ft
4600	Water Serv	8230240	1.000	Ea
4610	Gate Well, 60 inch dia	8230360	1.000	Ea
4620	Gate Well, 72 inch dia	8230372	1.000	Ea
4630	Gate Box, Adj, Case 1	8230431	3.000	Ea
4640	Polyethylene Encasement	8230440	764.000	Ft
4650	_ Water Main, Rem	8237001	1,671.000	Ft
4660	_ Water Main Conflict, 12 inch	8237050	2.000	Ea
4670	_ Water Main Conflict, 16 inch	8237050	12.000	Ea
4680	_ Water Main Conflict, 8 inch	8237050	4.000	Ea
4690	Contractor Staking, Road Only	8240007	1.000	LSUM
4700	Staking Plan Errors and Extras, One Person	8240020	227.000	Hr
4710	Staking Plan Errors and Extras, Two Person	8240021	91.000	Hr
4720	Staking Plan Errors and Extras, Three Person	8240022	136.000	Hr
4730	Flowable Fill, Non-Structural	8260148	70.000	Cyd
4740	_ Proof Rolling	8267040	50.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1603 033

Letting Date: March 4, 2016

Contract ID: 29014-128525

Description: 7.31 mi of hot mix asphalt resurfacing and cold milling on US-127 from north of Alger Road northerly to south of Blanchard Road, Gratiot and Isabella Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128525A	N/A	N/A	GF16 29014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$354,000.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	5,000.000	Ton
0030	Cold Milling HMA Surface	5010002	316,570.000	Syd
0040	HMA Quality Initiative	5010007	57,100.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	231,000.000	Dlr
0060	Pavt Joint and Crack Repr, Det 7	5010020	1,080.000	Ft
0070	Pavt Joint and Crack Repr, Det 8	5010021	9,600.000	Ft
0080	Hand Patching	5010025	1,300.000	Ton
0090	HMA, 5E10	5010058	27,120.000	Ton
0100	HMA Approach	5010061	130.000	Ton
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,250.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	77,000.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	77,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	19,250.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	77,000.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	77,000.000	Ft
0170	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
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 Cover, Type R, Black	8120200	1,200.000	Ft
0220	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	87,900.000	Ft
0230	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	40,650.000	Ft
0240	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0260	Sign Cover	8120310	8.000	Ea
0270	Sign, Type A, Temp, Prismatic, Furn	8120340	43.000	Sft

0280	Sign, Type A, Temp, Prismatic, Oper	8120341	43.000	Sft
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,280.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,280.000	Sft
0310	Monument Box Adjust	8210005	6.000	Ea
0320	Shoulder Corrugations, Ground or Cut, HMA	8220001	154,000.000	Ft
0330	Contractor Staking, Road Only	8240007	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	35.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	21.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 1603 034

Letting Date: March 4, 2016

Contract ID: 30031-127491

Description: 13.71 mi of hot mix asphalt cold milling and single-course overlay with shoulder gravel and permanent pavement markings on M-99 from the Michigan/Ohio state line north to the intersection of M-34 continuing westerly to west of Lake Pleasant Road, Hillsdale County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127491A	STP 1630(002)	HK0816	ST 30031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$268,600.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	7,859.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	HMA Quality Initiative	5010007	52,028.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	74,089.000	Dlr
0060	HMA, 5E3	5010057	25,482.000	Ton
0070	HMA Approach	5010061	532.000	Ton
0080	_ Pavement Milling, Modified	5017011	262,201.000	Syd
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	66.000	Ea
0100	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	415.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,635.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	144,778.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	415.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	21,635.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	144,778.000	Ft
0170	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0180	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0190	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0200	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0210	Channelizing Device, 42 inch, Furn	8120030	310.000	Ea
0220	Channelizing Device, 42 inch, Oper	8120031	310.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	6,040.000	Ft

0270	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	34.000	Ft
0280	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	6,040.000	Ft
0290	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0300	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0310	Sign Cover	8120310	20.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	2,000.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	2,000.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Monument Box	8210001	3.000	Ea
0380	Monument Box Adjust	8210005	5.000	Ea
0390	Monument Preservation	8210010	18.000	Ea
0400	Centerline Corrugations, Milled, HMA	8220013	72,389.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 035

Letting Date: March 4, 2016

Contract ID: 24012-128394

Description: 4.37 mi of hot mix asphalt cold milling and resurfacing, concrete pavement joint and crack repairs, corrugations and permanent pavement markings on US-31 from Maple River Road northerly to Douglas Lake Road, Emmet County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128394A	N/A	N/A	GF15 24012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$265,200.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0030	Shoulder, CI II	3070121	1,640.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0050	Dr Structure, Adj, Add Depth	4030280	16.000	Ft
0060	Cold Milling HMA Surface	5010002	180,500.000	Syd
0070	HMA Quality Initiative	5010007	46,620.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	112,900.000	Dlr
0090	Hand Patching	5010025	7,900.000	Ton
0100	HMA Approach	5010061	25.000	Ton
0110	HMA, LVSP	5010703	15,385.000	Ton
0120	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	25,718.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0140	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	102.000	Ft
0150	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	5,600.000	Ft
0160	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	27,900.000	Ft
0170	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	73,200.000	Ft
0180	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	5,600.000	Ft
0190	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	27,900.000	Ft
0200	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	73,200.000	Ft
0210	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0280	Plastic Drum, High Intensity, Furn	8120250	280.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	280.000	Ea
0300	Sign Cover	8120310	6.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	936.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	936.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	6,400.000	Ft
0350	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	7,100.000	Ft
0360	_ Pavt Mrkg, Wet Retrflec Type NR, Paint, 4 inch, Yellow, Temp	8127001	6,400.000	Ft
0370	_ Pavt Mrkg, Wet Retrflec Type NR, Paint, 4 inch, White, Temp	8127001	7,100.000	Ft
0380	Monument Box Adjust	8210005	2.000	Ea
0390	Centerline Corrugations, Milled, HMA	8220013	33,800.000	Ft
0400	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	54,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 036

Letting Date: March 4, 2016

Contract ID: 61421-123974

Description: 0.50 mi of hot mix asphalt surfacing, concrete curb, gutter, sidewalk and ramps, sanitary and storm sewer, watermain, pavement markings and ground water collector on Roosevelt Road from Lambert Drive north to Broadway Avenue and on Greenwich Road from Glenside Boulevard east to Roosevelt Road in the city of Roosevelt Park, Muskegon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123974A	STP 1661(005)	HK0810	STUL 61421
127409A	HSIP 1661(006)	RT0336	HSIP 61609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$173,900.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	13.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0050	Dr Structure, Abandon	2030010	2.000	Ea
0060	Dr Structure, Rem	2030011	19.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,171.000	Ft
0080	_ Sewer, Abandon	2037001	305.000	Ft
0090	Curb and Gutter, Rem	2040020	409.000	Ft
0100	Pavt, Rem	2040050	4,790.000	Syd
0110	Sidewalk, Rem	2040055	1,130.000	Syd
0120	Exploratory Investigation, Vertical	2040080	5.000	Ft
0130	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0140	_ Machine Grading, Modified, Greenwich	2057002	10.000	Sta
0150	_ Machine Grading, Modified, Roosevelt	2057002	27.000	Sta
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0170	_ Aggregate Base, 6 inch, Modified	3027011	5,090.000	Syd
0180	_ Aggregate Base, 9 inch, Modified	3027011	8,006.000	Syd
0190	Approach, CI I, 6 inch	3070008	1,730.000	Syd
0200	Sewer, CI A, 8 inch, Tr Det B	4020031	60.000	Ft
0210	Sewer, CI E, 12 inch, Tr Det B	4020600	1,945.000	Ft
0220	Sewer, CI E, 15 inch, Tr Det B	4020601	15.000	Ft
0230	Sewer, CI E, 18 inch, Tr Det B	4020602	771.000	Ft
0240	Sewer Tap, 8 inch	4021202	8.000	Ea
0250	Sewer Tap, 15 inch	4021205	1.000	Ea
0260	Sewer Bulkhead, 24 inch	4021234	1.000	Ea

0270	Video Taping Sewer and Culv Pipe	4021275	2,701.000	Ft
0280	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0290	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0300	Dr Structure Cover, Type C	4030015	10.000	Ea
0310	Dr Structure Cover, Type D	4030025	5.000	Ea
0320	Dr Structure Cover, Type K	4030050	4.000	Ea
0330	Dr Structure Cover, Type Q	4030065	6.000	Ea
0340	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0350	_ Dr Structure Cover, Type B, Mod	4037050	12.000	Ea
0360	_ Dr Structure, 24 inch dia, Mod	4037050	18.000	Ea
0370	_ Dr Structure, 48 inch dia, Mod	4037050	14.000	Ea
0380	HMA Surface, Rem	5010005	8,600.000	Syd
0390	HMA, 13A	5010033	2,555.000	Ton
0400	HMA Approach	5010061	170.000	Ton
0410	Driveway, Nonreinf Conc, 6 inch	8010005	840.000	Syd
0420	Curb and Gutter, Conc, Det F4	8020038	2,465.000	Ft
0430	Driveway Opening, Conc, Det M	8020050	40.000	Ft
0440	_ Curb and Gutter, Conc, Det D2, Mod	8027001	6,380.000	Ft
0450	Detectable Warning Surface	8030010	125.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	1,500.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	5,575.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	1,200.000	Sft
0490	Post, Steel, 3 lb	8100371	522.000	Ft
0500	Sign, Type IIIB	8100405	181.000	Sft
0510	_ Sign, Relocate	8107050	1.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	260.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	420.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0580	Pavt Mrkg, Waterborne, 4 inch, White	8110231	465.000	Ft
0590	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,790.000	Ft
0600	Barricade, Type III, High Intensity, Lighted, Furn	8120022	16.000	Ea
0610	Barricade, Type III, High Intensity, Lighted, Oper	8120023	16.000	Ea
0620	Channelizing Device, 42 inch, Furn	8120030	36.000	Ea
0630	Channelizing Device, 42 inch, Oper	8120031	36.000	Ea
0640	Minor Traf Devices	8120170	1.000	LSUM
0650	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	60.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	543.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	543.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM

0710	_ Turf Restoration	8167002	37.000	Sta
0720	Pedestal, Alum	8200100	4.000	Ea
0730	Pedestal, Fdn	8200105	4.000	Ea
0740	Pushbutton and Sign	8200121	4.000	Ea
0750	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	4.000	Ea
0760	_ Radar Speed Sign, Solar	8207050	4.000	Ea
0770	Hydrant, Rem	8230091	3.000	Ea
0780	_ Water Main, DI, 6 inch, Tr Det G, Mod	8237001	36.000	Ft
0790	_ Water Main, DI, 8 inch, Tr Det G, Mod	8237001	2,147.000	Ft
0800	_ Water Service, Copper, 1 inch	8237001	1,585.000	Ft
0810	_ Water Service, Copper, 2 inch	8237001	50.000	Ft
0820	_ Water Service, Copper, 3/4 inch	8237001	1,585.000	Ft
0830	_ Water Main, DI, 12 inch, Tr Det G, Mod	8237001	3.000	Ft
0840	_ Fire Hydrant, Mod	8237050	3.000	Ea
0850	_ Water Main, Bend, 45 Degree, 6 inch	8237050	4.000	Ea
0860	_ Water Main, Bend, 45 Degree, 8 inch	8237050	9.000	Ea
0870	_ Water Main, Cap, 6 inch	8237050	1.000	Ea
0880	_ Water Main, Reducer, 12 inch x 8 inch	8237050	2.000	Ea
0890	_ Water Main, Reducer, 8 inch x 6 inch	8237050	2.000	Ea
0900	_ Water Main, Sleeve, 6 inch	8237050	2.000	Ea
0910	_ Water Main, Sleeve, 8 inch	8237050	7.000	Ea
0920	_ Water Main, Tee, 8 inch x 8 inch x 6 inch	8237050	4.000	Ea
0930	_ Water Main, Tee, 8 inch x 8 inch x 8 inch	8237050	2.000	Ea
0940	_ Water Main, Valve & Box, 6 inch	8237050	5.000	Ea
0950	_ Water Main, Valve & Box, 8 inch	8237050	2.000	Ea
0960	_ Water Service, Connect to Ex	8237050	82.000	Ea
0970	_ Water Service, Corporation Stop, 1 inch	8237050	41.000	Ea
0980	_ Water Service, Corporation Stop, 2 inch	8237050	1.000	Ea
0990	_ Water Service, Corporation Stop, 3/4 inch	8237050	41.000	Ea
1000	_ Water Service, Curb Stop and Box, 1 inch	8237050	41.000	Ea
1010	_ Water Service, Curb Stop and Box, 3/4 inch	8237050	41.000	Ea
1020	_ Sanitary Lateral, 6 inch	8257001	95.000	Ft
1030	_ Sanitary Manhole, Tap, 6 inch	8257050	1.000	Ea
1040	_ Sanitary Sewer, Cap, 6 inch	8257050	1.000	Ea
1050	_ GW Underdrain, 6 inch	8507001	2,802.000	Ft
1060	_ GW Collector, 15 inch, Tr Det B	8507001	1,425.000	Ft
1070	_ GW Collector, 8 inch, Tr Det B	8507001	110.000	Ft
1080	_ GW Collector Manhole, 48 inch Dia	8507050	5.000	Ea
1090	_ GW Underdrain Connection	8507050	1.000	Ea
1100	_ GW Underdrain, Plug, 6 inch	8507050	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 037

Letting Date: March 4, 2016

Contract ID: 21555-127357

Description: 4.30 mi of hot mix asphalt crushing, shaping and resurfacing, approaches, guardrail and pavement markings on County Road 426 west of Carroll's Corner, Delta County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127357A	STP 1621(005)	EE0578	STL 21555
127359A	STP 1621(004)	RT0332	STL 21555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$89,500.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	100.000	Ft
0030	Pavt, Rem	2040050	106.000	Syd
0040	Embankment, LM	2050011	222.000	Cyd
0050	Aggregate Base	3020001	810.000	Ton
0060	HMA Base Crushing and Shaping	3050002	27,433.000	Syd
0070	Approach, CI I	3070001	173.000	Ton
0080	Approach, CI II	3070021	175.000	Ton
0090	Shoulder, CI II	3070121	3,678.000	Ton
0100	HMA Surface, Rem	5010005	1,720.000	Syd
0110	HMA Approach	5010061	221.000	Ton
0120	HMA, LVSP	5010703	12,307.000	Ton
0130	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	106.000	Syd
0140	Curb Sloped, HMA	8050010	4,600.000	Ft
0150	Guardrail, Type B	8070000	500.000	Ft
0160	Guardrail Approach Terminal, Type 2B	8070042	8.000	Ea
0170	Guardrail Reflector	8070080	48.000	Ea
0180	Guardrail Height, Adj	8070100	225.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	45,408.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,683.000	Ft
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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	968.000	Ft
0250	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	420.000	Ft
0260	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	428.000	Ft
0270	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea

0280	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	_ Slope Restoration	8167011	2,045.000	Syd
0330	Monument Box	8210001	4.000	Ea
0340	Monument Preservation	8210010	4.000	Ea
0350	Centerline Corrugations, Milled, HMA	8220013	350.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 038

Letting Date: March 4, 2016

Contract ID: 80522-128735

Description: 1.06 mi of hot mix asphalt cold milling, crushing, shaping and resurfacing, trenching and widening for center turn lane, drainage, pavement markings, permanent signs and slope restoration on County Road 687 at County Road 352, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128735A	N/A	N/A	EDA 80522

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$76,650.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	33.000	Ea
0030	Stump, Rem, 37 inch or Larger	2020007	9.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	48.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0060	Curb and Gutter, Rem	2040020	440.000	Ft
0070	Fence, Rem	2040025	100.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0090	_ Pavt, Rem, Modified	2047011	65.000	Syd
0100	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0110	Erosion Control, Silt Fence	2080036	500.000	Ft
0120	Subbase, CIP	3010002	2,625.000	Cyd
0130	_ Aggregate Base, 6 inch, Modified	3027011	8,770.000	Syd
0140	HMA Base Crushing and Shaping	3050002	12,965.000	Syd
0150	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0160	Approach, CI II	3070021	495.000	Ton
0170	Shoulder, CI II, 5 inch	3070127	20.000	Syd
0180	_ Trenching, Modified	3077002	92.000	Sta
0190	Culv, CI F, 12 inch	4010607	120.000	Ft
0200	Culv, CI F, 18 inch	4010609	120.000	Ft
0210	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0220	Dr Structure Cover, Type C	4030015	1.000	Ea
0230	Dr Structure Cover, Type K	4030050	3.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea

0280	Cold Milling HMA Surface	5010002	3,210.000	Syd
0290	Pavt for Butt Joints, Rem	5010008	153.000	Syd
0300	Hand Patching	5010025	10.000	Ton
0310	HMA Approach	5010061	220.000	Ton
0320	HMA, LVSP	5010703	6,730.000	Ton
0330	_ HMA Surface, Rem, Modified	5017011	1,290.000	Syd
0340	Conc Base Cse, Nonreinf, 6 inch	6020015	65.000	Syd
0350	Driveway, Nonreinf Conc, 6 inch	8010005	65.000	Syd
0360	Curb, Conc, Det E2	8020002	15.000	Ft
0370	Curb and Gutter, Conc, Det B2	8020016	435.000	Ft
0380	Curb and Gutter, Conc, Det C4	8020023	727.000	Ft
0390	Curb Sloped, HMA	8050010	25.000	Ft
0400	Post, Mailbox	8070095	27.000	Ea
0410	Fence, Moving	8080120	50.000	Ft
0420	Post, Steel, 3 lb	8100371	186.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0440	Sign, Type III, Rem	8100403	16.000	Ea
0450	Sign, Type IIIA	8100404	28.000	Sft
0460	Sign, Type IIIB	8100405	64.000	Sft
0470	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,750.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,300.000	Ft
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0520	Dust Palliative, Applied	8120100	10.000	Ton
0530	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	1,000.000	Ft
0570	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0590	Sign Cover	8120310	4.000	Ea
0600	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0610	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	444.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	444.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	Slope Restoration, Type A	8160100	8,820.000	Syd
0660	Slope Restoration, Type B	8160101	6,890.000	Syd
0670	Slope Restoration, Type C	8160102	50.000	Syd
0680	Monument Box	8210001	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 039

Letting Date: March 4, 2016

Contract ID: 52103-102928

Description: Hot mix asphalt crushing, shaping and resurfacing, clearing, culverts, aggregate base, guardrail, restoration and pavement markings on County Road 510 from Hardwood Lane to Hoist Road, Marquette County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
102928A	STP 1652(007)	YY0566	STL 52103

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$50,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	3.000	Acre
0030	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0040	Guardrail, Rem	2040035	215.000	Ft
0050	Ditch Cleanout	2050006	10.000	Sta
0060	Embankment, LM	2050011	800.000	Cyd
0070	Machine Grading	2050030	110.000	Sta
0080	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0100	Aggregate Base	3020001	3,000.000	Ton
0110	HMA Base Crushing and Shaping	3050002	16,878.000	Syd
0120	Approach, CI III	3070041	100.000	Ton
0130	Shoulder, CI III	3070141	685.000	Ton
0140	Culv, CI A, Conc, 24 inch	4010168	120.000	Ft
0150	Culv, CI E, Conc, 24 inch	4010576	56.000	Ft
0160	Culv, Reinf Conc Ellip, HE CI IV, 22 inch by 34 inch	4010903	56.000	Ft
0170	Sewer, CI E, 18 inch, Tr Det B	4020602	248.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	480.000	Ft
0190	Dr Structure Cover, Type G	4030040	5.000	Ea
0200	Dr Structure, 48 inch dia	4030210	5.000	Ea
0210	HMA, 4E3	5010051	2,100.000	Ton
0220	HMA, 5E3	5010057	1,923.000	Ton
0230	HMA Approach	5010061	50.000	Ton
0240	_ Spillway, HMA	8027010	300.000	Sft
0250	Curb Sloped, HMA	8050010	3,550.000	Ft
0260	Guardrail, Type B	8070000	2,550.000	Ft
0270	Guardrail Approach Terminal, Type 1B	8070040	12.000	Ea

0280	Guardrail Reflector	8070080	102.000	Ea
0290	Post, Mailbox	8070095	6.000	Ea
0300	Post, Steel, 2 lb	8100370	360.000	Ft
0310	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0320	Sign, Type IIIA	8100404	13.000	Sft
0330	Sign, Type IIIB	8100405	60.000	Sft
0340	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	10,850.000	Ft
0350	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	10,850.000	Ft
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	434.000	Ft
0400	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	434.000	Ft
0410	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0430	Sign Cover	8120310	1.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	Riprap, Plain	8130010	285.000	Syd
0480	Fertilizer, Chemical Nutrient, CI B	8160021	360.000	Lb
0490	Mulch	8160025	14,520.000	Syd
0500	Mulch Anchoring	8160026	14,520.000	Syd
0510	Mulch Blanket	8160027	5,000.000	Syd
0520	Seeding, Mixture TDS	8160037	660.000	Lb
0530	Topsoil Surface, Furn, 3 inch	8160061	4,840.000	Syd



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 040

Letting Date: March 4, 2016

Contract ID: 02555-116501

Description: 1.50 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, shoulders, trenching, culverts, guardrail and pavement markings on H44 at Mahne Road, Alger County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116501A	STP 1602(002)	TT0285	STL 02555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$36,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0040	Ditch Cleanout	2050006	4.000	Sta
0050	Embankment, CIP	2050010	300.000	Cyd
0060	Backfill, Structure, CIP	2060002	246.000	Cyd
0070	Excavation, Fdn	2060010	292.000	Cyd
0080	Erosion Control, Silt Fence	2080036	700.000	Ft
0090	Aggregate Base, LM	3020002	2,844.000	Cyd
0100	Aggregate Base, 8 inch	3020020	366.000	Syd
0110	HMA Base Crushing and Shaping	3050002	22,944.000	Syd
0120	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0130	Approach, CI II, LM	3070023	62.000	Cyd
0140	Shoulder, CI I, 4 inch	3070106	3,476.000	Syd
0150	Trenching	3070200	159.000	Sta
0160	_ Shoulder, CI III, 2.25 inch	3077011	5,297.000	Syd
0170	_ Biaxial Geogrid	3087011	556.000	Syd
0180	Culv End Sect, Conc, 18 inch	4010049	8.000	Ea
0190	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0200	Culv, CI E, 18 inch	4010541	180.000	Ft
0210	Culv, CI E, 24 inch	4010542	40.000	Ft
0220	Culv Bedding, Box Culv	4060005	16.000	Cyd
0230	_ Culv, Precast Conc Box, 12 foot by 4 foot, Modified	4067001	36.000	Ft
0240	Hand Patching	5010025	2.000	Ton
0250	HMA, LVSP	5010703	2,645.000	Ton
0260	Guardrail, Type B	8070000	175.000	Ft
0270	Guardrail, Backed, Det G2	8070016	2.000	Ea
0280	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea

0290	Guardrail Reflector	8070080	20.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,884.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,942.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	636.000	Ft
0360	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	288.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	288.000	Sft
0400	Riprap, Plain	8130010	87.000	Syd
0410	_ Slope Restoration	8167011	755.000	Syd
0420	Monument Box	8210001	3.000	Ea
0430	Monument Preservation	8210010	3.000	Ea



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 041

Letting Date: March 4, 2016

Contract ID: 07013-123757

Description: 1.57 mi of hot mix asphalt crushing, shaping and resurfacing, aggregate base, shoulders, culverts, pavement marking and slope restoration on Bellaire Road from north of M-38 north to Cadeau Road, Baraga County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123757A	STP 1607(001)	RT0331	STL 07013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$32,900.00	1500001	1.000	LSUM
0020	Aggregate Base, 6 inch	3020016	240.000	Syd
0030	HMA Base Crushing and Shaping	3050002	22,300.000	Syd
0040	Approach, CI II	3070021	167.000	Ton
0050	Shoulder, CI II	3070121	968.000	Ton
0060	_ Culv, CI A, Aluminized Steel, 24 inch	4017001	50.000	Ft
0070	_ Culv, CI F, Aluminized Steel, 12 inch	4017001	128.000	Ft
0080	_ Culv, CI F, Aluminized Steel, 15 inch	4017001	222.000	Ft
0090	_ Culv, CI F, Aluminized Steel, 18 inch	4017001	80.000	Ft
0100	_ Culv, CI F, Aluminized Steel, 24 inch	4017001	30.000	Ft
0110	HMA, 5E1	5010056	1,695.000	Ton
0120	HMA, LVSP	5010703	1,675.000	Ton
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,600.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,300.000	Ft
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, Type NR, Tape, 4 inch, Yellow, Temp	8120231	332.000	Ft
0190	Plastic Drum, High Intensity, Lighted, Furn	8120260	50.000	Ea
0200	Plastic Drum, High Intensity, Lighted, Oper	8120261	50.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	296.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	296.000	Sft
0230	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Slope Restoration	8167011	1,000.000	Syd
0250	Monument Box	8210001	2.000	Ea
0260	Monument Box Adjust	8210005	1.000	Ea
0270	Monument Preservation	8210010	2.000	Ea



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 042

Letting Date: March 4, 2016

Contract ID: 58609-127403

Description: 0.82 mi of high-friction surface course and pavement markings on Sylvania Petersburg Road near Rauch Road, on Deerfield Road near Dennison Road and on Swan Creek Road near Drew Street, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127403A	HSIP 1658(009)	KK4028	HSIP 58609

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$28,300.00	1500001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	10,750.000	Syd
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,400.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,750.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,400.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,750.000	Ft
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,750.000	Ft
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	278.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	278.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1603 043

Letting Date: March 4, 2016

Contract ID: 41403-129425

Description: 0.37 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, concrete curb, gutter and sidewalk and pavement markings on Ann Street from Turner Avenue east to Monroe Avenue in the city of Grand Rapids, Kent County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129425A	STP 1641(028)	HK0793	STU 41403

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$22,000.00	1500001	1.000	LSUM
0020	_ Curb and Gutter, Rem, Modified	2047001	245.000	Ft
0030	_ Saw-cut and Grind Curb	2047001	30.000	Ft
0040	_ Pavt, Rem, Pavt Repair	2047011	55.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	245.000	Syd
0060	_ Storm Water Operator's Inspections	2087050	30.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0080	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0090	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0100	_ Aggregate Base, Modified	3027021	10.000	Cyd
0110	_ Dr Structure, Reconstruct	4037001	10.000	Ft
0120	_ Dr Structure Cover, Special	4037030	5,000.000	Lb
0130	_ Dr Structure Cover, Adj, Special	4037050	11.000	Ea
0140	Cold Milling HMA Surface	5010002	9,975.000	Syd
0150	Hand Patching	5010025	82.000	Ton
0160	HMA, 36A	5010034	15.000	Ton
0170	HMA, 4E1	5010050	110.000	Ton
0180	HMA, 5E1	5010056	947.000	Ton
0190	_ Paving Membrane, Self Adhesive	5017011	175.000	Syd
0200	_ Temporary HMA Pavement	5017031	10.000	Ton
0210	_ Curb and Gutter, Conc, Det P-5, Modified, 12 inch pan	8027001	102.000	Ft
0220	_ Curb and Gutter, Conc, Det P-5, Modified, 24 inch pan	8027001	143.000	Ft
0230	Sidewalk, Conc, 4 inch	8030044	369.000	Sft
0240	Sidewalk, Conc, 6 inch	8030046	306.000	Sft
0250	_ Fence, Temporary, Modified	8087001	200.000	Ft
0260	Pavt Mrkg, Thermopl, 4 inch, White	8110195	1,180.000	Ft

0270	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	3,183.000	Ft
0280	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	145.000	Ft
0290	Pavt Mrkg, Thermopl, 6 inch, White	8110198	40.000	Ft
0300	Pavt Mrkg, Thermopl, 6 inch, Yellow	8110199	20.000	Ft
0310	Pavt Mrkg, Thermopl, 8 inch, White	8110200	100.000	Ft
0320	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	200.000	Ft
0330	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	200.000	Ft
0340	Recessing Pavement Markings, Longit	8110450	4,563.000	Ft
0350	_ Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8117050	6.000	Ea
0360	_ Pavt Mrkg, Thermopl, Lt Turn Arrow Sym	8117050	7.000	Ea
0370	_ Pavt Mrkg, Thermopl, Only	8117050	6.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0390	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0400	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0410	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0420	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0430	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0440	Ltg for Night Work	8120160	1.000	LSUM
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10.000	Ft
0470	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	10.000	Ft
0480	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	100.000	Ft
0490	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	400.000	Ft
0500	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	1,000.000	Ft
0510	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	1,000.000	Ft
0520	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0530	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	_ Sign, Temporary Business, Operate	8127050	15.000	Ea
0580	_ Dust Control	8127051	1.000	LSUM
0590	_ Turf Establishment	8167011	85.000	Syd
0600	Wireless Vehicle Sensor Node, Salv	8200427	1.000	Ea
0610	_ Valve Box, Adjust	8237050	3.000	Ea
0620	_ Valve Box, Furnish	8237050	3.000	Ea
0630	_ Additional Insurance	8507060	2,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 1603 044

Letting Date: March 4, 2016

Contract ID: 39000-121418

Description: 1.70 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, traffic signal upgrades and permanent pavement markings on South 9th Street from I-94 north to Meridian Drive, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121418A	STP 1639(016)	HK0819	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$169,600.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0040	Curb and Gutter, Rem	2040020	1,800.000	Ft
0050	Guardrail, Rem	2040035	80.000	Ft
0060	Pavt, Rem	2040050	1,100.000	Syd
0070	Sidewalk, Rem	2040055	315.000	Syd
0080	Excavation, Earth	2050016	250.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0100	_ Erosion Control, Inlet Protection, Silt Bag	2087050	66.000	Ea
0110	Subbase, CIP	3010002	75.000	Cyd
0120	_ Aggregate Base, 8 inch, 21AA Modified	3027011	200.000	Syd
0130	Maintenance Gravel, LM	3060021	250.000	Cyd
0140	Sewer, CI E, 12 inch, Tr Det B	4020600	48.000	Ft
0150	Dr Structure Cover, Adj, Case 1	4030005	57.000	Ea
0160	Dr Structure Cover, Type B	4030010	20.000	Ea
0170	Dr Structure Cover, Type K	4030050	9.000	Ea
0180	Dr Structure, 48 inch dia	4030210	2.000	Ea
0190	Dr Structure, Temp Lowering	4030390	57.000	Ea
0200	Cold Milling HMA Surface	5010002	64,750.000	Syd
0210	HMA Surface, Rem	5010005	810.000	Syd
0220	Hand Patching	5010025	35.000	Ton
0230	HMA, 4E10	5010052	5,670.000	Ton
0240	HMA, 5E10	5010058	5,640.000	Ton
0250	HMA Approach	5010061	55.000	Ton
0260	Cement	6030005	2.000	Ton
0270	Curb and Gutter, Conc, Det F4	8020038	1,700.000	Ft

0280	Driveway Opening, Conc, Det M	8020050	350.000	Ft
0290	Sidewalk Ramp, Conc, 6 inch	8030036	1,750.000	Sft
0300	Sidewalk, Conc, 4 inch	8030044	1,400.000	Sft
0310	_ Detectable Warning Surface, Modified	8037001	175.000	Ft
0320	Post, Mailbox	8070095	31.000	Ea
0330	Sign, Type III, Rem	8100403	4.000	Ea
0340	Mast Arm Pole, Cat II	8100511	8.000	Ea
0350	Mast Arm, 35 foot, Cat II	8100533	1.000	Ea
0360	Mast Arm, 40 foot, Cat II	8100534	1.000	Ea
0370	Mast Arm, 45 foot, Cat II	8100535	1.000	Ea
0380	Mast Arm, 50 foot, Cat II	8100536	5.000	Ea
0390	Mast Arm Pole Fdn, 6 Bolt	8100550	112.000	Ft
0400	Mast Arm, Rem	8100560	4.000	Ea
0410	Mast Arm Std, Rem	8100570	4.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,650.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	550.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	13.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	7,200.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,750.000	Ft
0500	Channelizing Device, 42 inch, Furn	8120030	550.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	550.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0560	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0570	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	750.000	Ft
0580	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	2,500.000	Ft
0590	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	10,000.000	Ft
0600	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	2,500.000	Ft
0610	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	2,500.000	Ft
0620	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0630	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0640	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0650	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	1,392.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	1,392.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	56.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	56.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM
0710	Mulch Blanket	8160027	2,500.000	Syd

0720	_ Turf Establishment, Modified	8167011	2,500.000	Syd
0730	Conduit, DB, 1, 1 1/2 inch	8190027	300.000	Ft
0740	Conduit, DB, 1, 3 inch	8190029	15.000	Ft
0750	Conduit, DB, 3, 3 inch	8190035	175.000	Ft
0760	Conduit, DB, 4, 3 inch	8190038	25.000	Ft
0770	Conduit, Rem	8190140	215.000	Ft
0780	Hh, Rem	8190254	8.000	Ea
0790	Hh, Round, 3 foot Dia.	8190259	2.000	Ea
0800	Hh, Round	8190260	7.000	Ea
0810	Conduit, Directional Bore, 1, 3 inch	8190602	390.000	Ft
0820	Conduit, Directional Bore, 2, 3 inch	8190604	190.000	Ft
0830	Case Sign, Rem	8200020	5.000	Ea
0840	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0850	Controller and Cabinet, Rem	8200030	2.000	Ea
0860	Controller and Cabinet, Digital Type	8200031	2.000	Ea
0870	Controller Fdn, Base Mount	8200045	2.000	Ea
0880	Controller Fdn, Rem	8200046	2.000	Ea
0890	Global Positioning System Module	8200050	1.000	Ea
0900	Fdn, Rem	8200065	6.000	Ea
0910	Pedestal, Alum	8200100	2.000	Ea
0920	Pedestal, Fdn	8200105	9.000	Ea
0930	Pedestal Fdn, Rem	8200106	3.000	Ea
0940	Pedestal, Rem	8200110	3.000	Ea
0950	Power Co. (Est. Cost to Contractor)	8200116	2.000	Dlr
0960	Pushbutton and Sign	8200121	12.000	Ea
0970	Pushbutton, Rem	8200122	8.000	Ea
0980	Pushbutton Pedestal, Alum	8200123	7.000	Ea
0990	Serv Disconnect	8200135	2.000	Ea
1000	Serv Disconnect, Rem	8200136	2.000	Ea
1010	Span Wire, Rem	8200141	1.000	Ea
1020	Steel Pole, Rem	8200145	2.000	Ea
1030	TS, Mast Arm Mtd, Rem	8200177	13.000	Ea
1040	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1050	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
1060	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1070	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1080	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	6.000	Ea
1090	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1100	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	6.000	Ea
1110	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
1120	TS, One Way Mast Arm Mtd (LED)	8200359	15.000	Ea
1130	Casing	8200480	88.000	Ft
1140	Backplate, TS, Rem	8200502	6.000	Ea

1150	_ Battery Back-Up system	8207050	2.000	Ea
1160	_ Managed Field Ethernet Switch, Layer 2, NEMA rack mount	8207050	2.000	Ea
1170	_ Modular Video Detection System	8207050	2.000	Ea
1180	_ Street Name Sign, Two Way, Illuminated, 6 foot	8207050	4.000	Ea
1190	_ Street Name Sign, Two Way, Illuminated, Rem	8207050	4.000	Ea
1200	_ Street Name Sign, Two Way, Non-Illuminated	8207050	4.000	Ea
1210	_ TS, One Way Mast Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
1220	_ Universal Camera Bracket and Extension	8207050	8.000	Ea
1230	_ Video Traf Detection Camera, Rem	8207050	6.000	Ea
1240	_ Video Traf Detection System, Rem	8207050	2.000	Ea
1250	_ Wireless Intercn, Ethernet, Access Point	8207050	2.000	Ea
1260	_ Wireless Intercn, Ethernet, Remote	8207050	2.000	Ea
1270	Monument Box	8210001	4.000	Ea
1280	Monument Preservation	8210010	4.000	Ea
1290	_ Water Valve Box, Adj	8237050	25.000	Ea



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 045

Letting Date: March 4, 2016

Contract ID: 77021-123022

Description: Bridge removal and replacement with a precast concrete three-sided culvert on concrete footings, pile driving, hot mix asphalt surfacing and guardrail on Bordman Road over Shafer Drain, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123022A	N/A	N/A	MCS 77021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$54,800.00	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	79.000	Ft
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	_ Pavt, Rem, Modified	2047011	700.000	Syd
0070	Embankment, CIP	2050010	380.000	Cyd
0080	Excavation, Earth	2050016	865.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	6.000	Ft
0100	Erosion Control, Sediment Trap	2080034	1.000	Ea
0110	Erosion Control, Silt Fence	2080036	700.000	Ft
0120	Subbase, CIP	3010002	650.000	Cyd
0130	_ Aggregate Base, 10 inch, Modified	3027011	1,550.000	Syd
0140	Aggregate Surface Cse	3060005	10.000	Cyd
0150	_ Shoulder, CI II, Modified	3077031	30.000	Ton
0160	_ Shoulder, Cobble	3077031	12.000	Ton
0170	_ Geotextile Base Reinforcement	3087011	1,430.000	Syd
0180	_ Geotextile Stabilization, Modified	3087011	1,430.000	Syd
0190	Culv End Sect, 12 inch	4010012	1.000	Ea
0200	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Culv, CI F, 18 inch	4010609	48.000	Ft
0220	Sewer, CI A, 12 inch, Tr Det A	4020004	42.000	Ft
0230	Video Taping Sewer and Culv Pipe	4021275	90.000	Ft
0240	Dr Structure Cover, Type E	4030035	1.000	Ea
0250	Dr Structure, 24 inch dia	4030200	1.000	Ea
0260	Underdrain, Subbase, 6 inch	4040063	600.000	Ft
0270	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0280	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea

0290	HMA, 3E3	5010045	184.000	Ton
0300	HMA, 4E3	5010051	123.000	Ton
0310	HMA, 5E3	5010057	92.000	Ton
0320	HMA Approach	5010061	48.000	Ton
0330	Curb and Gutter, Conc, Det D2	8020031	295.000	Ft
0340	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0350	Shoulder Gutter, Conc, Det 2	8020056	3.000	Ea
0360	Guardrail, Type T	8070002	13.000	Ft
0370	Guardrail, Curved, Type T	8070011	25.000	Ft
0380	Guardrail Anch, Bridge, Det A1	8070020	4.000	Ea
0390	Guardrail Approach Terminal, Type 2T	8070043	3.000	Ea
0400	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0410	Guardrail Reflector	8070080	20.000	Ea
0420	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	60.000	Ft
0430	Pavt Mrkg, Polyurea, 6 inch, White	8110094	500.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	524.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	524.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	_ Cobble Spillway	8137011	20.000	Syd
0510	_ Slope Restoration, Modified	8167011	900.000	Syd

Section: 0002

0520	Structures, Rem	2040060	1.000	LSUM
0530	Excavation, Fdn	2060010	1,039.000	Cyd
0540	_ Backfill, Structure, Modified	2067021	838.000	Cyd
0550	Erosion Control, Filter Bag	2080014	4.000	Ea
0560	Erosion Control, Gravel Filter Berm	2080018	50.000	Ft
0570	Erosion Control, Turbidity Curtain, Shallow	2080044	120.000	Ft
0580	Underdrain, Fdn, 6 inch	4040033	149.000	Ft
0590	_ Culv, Precast Arch, 24 foot by 9 foot, Modified	4067001	45.000	Ft
0600	Cofferdams, Left in Place	7040009	1.000	LSUM
0610	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0620	Pile, Steel, Furn and Driven, 12 inch	7050030	1,070.000	Ft
0630	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0640	Pile, Steel, Splice	7050050	30.000	Ea
0650	Conc, Grade T	7060013	103.000	Cyd
0660	False Decking	7060060	800.000	Sft
0670	Reinforcement, Steel, Epoxy Coated	7060092	4,382.000	Lb
0680	Substructure Conc	7060100	68.000	Cyd
0690	_ Structure Name Plate	7067050	1.000	Ea

0700	Joint Waterproofing	7100001	162.000	Sft
0710	Membrane, Preformed Waterproofing	7100008	1,255.000	Sft
0720	Conc Surface Coating	7100010	1.000	LSUM
0730	Bridge Railing, Thrie Beam Retrofit	7110006	50.000	Ft
0740	Riprap, Plain	8130010	150.000	Syd



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 046

Letting Date: March 4, 2016

Contract ID: 63459-128439

Description: 17.00 mi of shared-use path, signage, lane markings, bicycle lanes, rectangular rapid flashing beacons, crossing islands and crosswalks on various streets in the cities of Ferndale, Hazel Park, Pleasant Ridge, Huntington Woods and Oak Park, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128439A	TAP 1663(017)	HK0790	TAU 63459

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$25,520.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	226.000	Ft
0030	Pavt, Rem	2040050	189.000	Syd
0040	Sidewalk, Rem	2040055	192.000	Syd
0050	Excavation, Earth	2050016	55.000	Cyd
0060	Granular Material, CI III	2050024	16.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0080	Aggregate Base, 4 inch	3020010	335.000	Syd
0090	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0100	Hand Patching	5010025	22.000	Ton
0110	_ Conc Base Cse, Nonreinf, 6 inch, Modified	6027011	9.000	Syd
0120	_ Conc Base Cse, Nonreinf, 8 inch, Modified	6027011	45.000	Syd
0130	Lane Tie, Epoxy Anchored	6030030	107.000	Ea
0140	Conc, Grade S2	7060011	2.000	Cyd
0150	Curb and Gutter, Conc, Det F4	8020038	500.000	Ft
0160	Detectable Warning Surface	8030010	156.000	Ft
0170	Sidewalk Ramp, Conc, 4 inch	8030034	1,147.000	Sft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	672.000	Sft
0190	Sidewalk Ramp, Conc, 7 inch	8030037	100.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	711.000	Sft
0210	Sidewalk, Conc, 6 inch	8030046	30.000	Sft
0220	Band, Sign	8100010	54.000	Ea
0230	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0240	Post, Steel, 3 lb	8100371	1,048.000	Ft
0250	Sign, Type III, Erect, Salv	8100402	30.000	Ea
0260	Sign, Type III, Rem	8100403	36.000	Ea
0270	Sign, Type IIIA	8100404	507.000	Sft

0280	Sign, Type IIIB	8100405	548.000	Sft
0290	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	155.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	501.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	134.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	20.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	20.000	Ea
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	91.000	Ea
0370	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	355.000	Ft
0380	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	4,164.000	Ft
0390	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	4,497.000	Ft
0400	Rem Spec Mrkg	8110343	428.000	Sft
0410	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	1,520.000	Sft
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0440	Channelizing Device, 42 inch, Furn	8120030	50.000	Ea
0450	Channelizing Device, 42 inch, Oper	8120031	50.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,166.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	106.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	106.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	1,238.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	1,238.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	Sodding	8160055	287.000	Syd
0550	Topsoil Surface, Furn, 2 inch	8160060	287.000	Syd
0560	Water, Sodding/Seeding	8160090	17.000	Unit
0570	Conduit, DB, 1, 1 1/4 inch	8190026	8.000	Ft
0580	Cable, Shielded, 300V, 1, 6 Twisted Pair #16, Intercn	8190420	8.000	Ft
0590	Pedestal, Alum	8200100	6.000	Ea
0600	Pedestal, Fdn	8200105	7.000	Ea
0610	Pushbutton and Sign	8200121	6.000	Ea
0620	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0630	_ Rect Rapid Flsh Beacon, Solar Power, Dual Sided	8207050	6.000	Ea
0640	_ Bench	8357050	2.000	Ea
0650	_ Bike Loop	8357050	5.000	Ea
0660	_ Bike Repair Station	8357050	3.000	Ea
0670	_ Trash Receptacle	8357050	2.000	Ea
0680	_ Wayfinding Hub	8357050	3.000	Ea
0690	_ Railroad Protection, at Grade Crossing	8507060	1,200.000	Dlr



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 047

Letting Date: March 4, 2016

Contract ID: 63125-126629

Description: Concrete patching, deck sealing, hot mix asphalt overlay and concrete sealer on Crooks Road over Clinton River, on Seymour Lake Road over Paint Creek and on Orion Road over Paint Creek, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126629A	N/A	N/A	MCS 63125
126631A	N/A	N/A	MCS 63125
126632A	N/A	N/A	MCS 63125

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$22,000.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	226.000	Ft
0030	_ Excavation, Earth, RCOC	2057011	848.000	Syd
0040	_ Erosion Control, Silt Fence, RCOC	2087001	890.000	Ft
0050	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	8.000	Ea
0060	_ Aggregate Base, 12 inch, CIP, 21AA, RCOC	3027011	110.000	Syd
0070	Shoulder, CI I	3070101	80.000	Ton
0080	Underdrain, Fdn, 6 inch	4040033	266.000	Ft
0090	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0100	Cold Milling HMA Surface	5010002	2,464.000	Syd
0110	HMA Surface, Rem	5010005	370.000	Syd
0120	Hand Patching	5010025	72.000	Ton
0130	HMA, 5E1	5010056	206.000	Ton
0140	_ Joint, HMA Plane of Weakness	5017001	262.000	Ft
0150	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0160	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0170	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0180	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,060.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow ``	8110154	1,200.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,920.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0240	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea

0250	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	600.000	Ft
0300	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	60.000	Ft
0310	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	120.000	Ft
0320	Sign Cover	8120310	6.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Turf Establishment, Sod, Performance, RCOC	8167011	277.000	Syd

Section: 0002

0370	Reinforcement, Steel, Epoxy Coated	7060092	520.000	Lb
0380	_ Bridge Name Plate	7067050	1.000	Ea
0390	Membrane, Preformed Waterproofing	7100008	400.000	Sft
0400	_ Conc, Surface Coating	7107011	88.000	Syd
0410	_ Conc, Surface Coating	7107011	92.000	Syd
0420	_ Conc, Surface Coating	7107011	70.000	Syd
0430	_ Bridge Barrier Railing, Reconst Portion	7117001	40.000	Ft
0440	Hand Chipping, Shallow	7120003	1.000	Syd
0450	Hand Chipping, Deep	7120004	1.000	Syd
0460	Hand Chipping, Other Than Deck	7120007	6.000	Cft
0470	Patching Mortar or Conc	7120016	3.000	Cft
0480	Reinforcement, Mechanical Splice	7120084	9.000	Ea
0490	Embedded Galvanic Anode	7120120	3.000	Ea
0500	_ Penetrating Healer/Sealer, Bridge Deck	7127011	857.000	Syd
0510	_ Hand Chipping, Full Depth	7127020	3.000	Cft
0520	Guardrail, Reconst, Type T	8070109	77.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1603 048

Letting Date: March 4, 2016

Contract ID: 80159-119994

Description: 0.20 mi of hot mix asphalt cold milling and resurfacing, concrete base course, curb, gutter, spillway, sidewalk and ramps, leaching basin, drainage, hydrants and pavement markings on North Phelps Street from St. Mary's Street to Cedar Street the village of Decatur, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119994A	STP 1680(006)	RT0322	STL 80159

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$16,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Curb and Gutter, Rem	2040020	175.000	Ft
0040	Pavt, Rem	2040050	5.000	Syd
0050	Sidewalk, Rem	2040055	135.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0070	_ Geosynthetic Paving Fabric	3087011	4,950.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0090	Dr Structure Cover, Type B	4030010	3.000	Ea
0100	Dr Structure Cover, Type K	4030050	3.000	Ea
0110	Dr Structure Cover, Type Q	4030065	3.000	Ea
0120	Dr Structure, Temp Lowering	4030390	6.000	Ea
0130	_ Dr Structure, 48 inch dia, Leaching Basin	4037050	2.000	Ea
0140	Cold Milling HMA Surface	5010002	4,950.000	Syd
0150	HMA Surface, Rem	5010005	40.000	Syd
0160	Hand Patching	5010025	15.000	Ton
0170	HMA, 13A	5010033	570.000	Ton
0180	HMA, 36A	5010034	285.000	Ton
0190	Conc Base Cse, Nonreinf, 6 inch	6020015	25.000	Syd
0200	Curb and Gutter, Conc, Det C4	8020023	200.000	Ft
0210	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0220	Spillway, Conc	8020075	6.000	Ft
0230	Detectable Warning Surface	8030010	42.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	750.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	750.000	Sft
0260	Post, Steel, 3 lb	8100371	42.000	Ft
0270	Sign, Type III, Rem	8100403	3.000	Ea

0280	Sign, Type IIIA	8100404	4.000	Sft
0290	Sign, Type IIIB	8100405	19.000	Sft
0300	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	362.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	56.000	Ft
0320	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,100.000	Ft
0330	Recessing Pavement Markings, Longit	8110450	2,100.000	Ft
0340	Recessing Pavement Markings, Transv	8110451	265.000	Sft
0350	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0360	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	364.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	364.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Slope Restoration, Type B	8160101	30.000	Syd
0420	Fire Hydrant	8230040	1.000	Ea
0430	Hydrant, Rem	8230091	1.000	Ea
0440	Gate Box, Adj, Case 1	8230431	5.000	Ea
0450	_ Water Valve Box	8237050	1.000	Ea



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 049

Letting Date: March 4, 2016

Contract ID: 40031-127514

Description: 32.82 mi of single and double chip sealing, fog sealing, shoulder repairs and guardrail upgrades on M-66 from the southern Kalkaska County line northerly to M-72 and on M-37 from the southern Wexford County line northerly to M-115, Wexford and Kalkaska Counties. This project includes two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127514A	STP 1640(001)	HK0824	ST 40031
127517A	STP 1683(002)	HK0825	ST 83012
129369A	N/A	N/A	GF16 40031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$253,300.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	625.000	Ft
0030	_ Trenching, Special	3077002	941.000	Sta
0040	_ Shoulder, CI II, Modified	3077031	4,426.000	Ton
0050	HMA Quality Initiative	5010007	11,302.000	Dlr
0060	HMA, LVSP	5010703	5,651.000	Ton
0070	Overband Crack Fill, Lane	5020003	37.500	Lnmi
0080	Chip Seal, Double, Warranty	5050020	262,420.000	Syd
0090	Chip Seal, Single, Warranty	5050040	345,033.000	Syd
0100	_ Seal, Fog	5057011	345,033.000	Syd
0110	Guardrail, Type B	8070000	1,313.000	Ft
0120	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0130	Guardrail, Salv	8070075	550.000	Ft
0140	Guardrail Reflector	8070080	50.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	130.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,429.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	67,752.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	346,568.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,429.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	67,752.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	346,568.000	Ft
0240	Protective Overlay, Snowmobile Trail Crossing	8110550	66.000	Syd

0250	_ Traffic Control	8127051	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 1603 050

Letting Date: March 4, 2016

Contract ID: 23052-128616

Description: 16.91 mi of hot mix asphalt cold milling and resurfacing on M-50 from M-43 south to Beech Highway, Eaton County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128616A	N/A	N/A	GF16 23052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$241,300.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	9,000.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0050	Cold Milling HMA Surface	5010002	267,000.000	Syd
0060	Bump Grinding	5010004	200.000	Syd
0070	HMA Quality Initiative	5010007	44,900.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	89,900.000	Dlr
0090	HMA, 5E1	5010056	22,450.000	Ton
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	57,900.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	175,900.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	57,900.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	175,900.000	Ft
0180	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0190	Channelizing Device, 42 inch, Furn	8120030	162.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	162.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Mobile Attenuator	8120180	1.000	Ea
0250	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	10,450.000	Ft
0260	Sign Cover	8120310	10.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	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	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0330	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0340	_ Pilot Car, Corrugations	8127051	1.000	LSUM
0350	Monument Preservation	8210010	6.000	Ea
0360	Centerline Corrugations, Milled, HMA	8220013	83,356.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 051

Letting Date: March 4, 2016

Contract ID: 38072-120268

Description: 0.42 mi of hot mix asphalt reconstruction including concrete curb and gutter, sidewalk, drainage improvements, watermain, sanitary sewer, modular block retaining walls, and temporary traffic signal modifications on M-50 (West Avenue) from Michigan Avenue to Wildwood Avenue and from Ganson Street to North Street in the city of Jackson, Jackson County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120268A	NH 1638(005)	HK0822	NH 38072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$216,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	21.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0070	Dr Structure, Rem	2030011	22.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	3,118.000	Ft
0090	Curb and Gutter, Rem	2040020	1,324.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0110	Pavt, Rem	2040050	10,755.000	Syd
0120	Sidewalk, Rem	2040055	2,525.000	Syd
0130	Exploratory Investigation, Vertical	2040080	100.000	Ft
0140	Embankment, CIP	2050010	650.000	Cyd
0150	Excavation, Earth	2050016	9,805.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0180	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	88.000	Ea
0200	Erosion Control, Inlet Protection, Sediment Trap	2080024	12.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0220	Project Cleanup	2090001	1.000	LSUM
0230	Subbase, CIP	3010002	6,945.000	Cyd
0240	Aggregate Base, 6 inch	3020016	12,643.000	Syd
0250	Maintenance Gravel, LM	3060021	200.000	Cyd

0260	_ Driveway Maintenance, Commercial	3067050	4.000	Ea
0270	_ Driveway Maintenance, Residential	3067050	15.000	Ea
0280	_ Intersection Maintenance	3067050	6.000	Ea
0290	Sewer, Cl A, 12 inch, Tr Det B	4020033	1,156.000	Ft
0300	Sewer, Cl A, 15 inch, Tr Det B	4020034	348.000	Ft
0310	Sewer, Cl A, 18 inch, Tr Det B	4020035	954.000	Ft
0320	Sewer, Cl A, 24 inch, Tr Det B	4020036	473.000	Ft
0330	Trench Undercut and Backfill	4021260	200.000	Cyd
0340	Video Taping Sewer and Culv Pipe	4021275	2,890.000	Ft
0350	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0360	Dr Structure Cover, Type D	4030025	4.000	Ea
0370	Dr Structure Cover, Type K	4030050	43.000	Ea
0380	Dr Structure, 24 inch dia	4030200	17.000	Ea
0390	Dr Structure, 48 inch dia	4030210	28.000	Ea
0400	Dr Structure, 60 inch dia	4030220	2.000	Ea
0410	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	35.000	Ft
0420	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	3.000	Ft
0430	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0440	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0450	_ Dr Structure Cover, Type B, Special	4037050	5.000	Ea
0460	_ Dr Structure Cover, Type Q, Special	4037050	8.000	Ea
0470	Underdrain, Bank, 4 inch	4040001	190.000	Ft
0480	Underdrain, Subbase, 6 inch	4040063	4,325.000	Ft
0490	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0500	Underdrain Outlet, 4 inch	4040091	50.000	Ft
0510	Underdrain Outlet, 6 inch	4040093	400.000	Ft
0520	HMA Surface, Rem	5010005	10,032.000	Syd
0530	HMA Quality Initiative	5010007	9,708.000	Dlr
0540	Pavt for Butt Joints, Rem	5010008	190.000	Syd
0550	Edge Trimming	5010009	340.000	Ft
0560	Longitudinal Joint Density Quality Initiative	5010018	16,800.000	Dlr
0570	Hand Patching	5010025	15.000	Ton
0580	HMA, 3E3	5010045	1,825.000	Ton
0590	HMA Approach	5010061	344.000	Ton
0600	HMA, 3E3, High Stress	5010503	1,560.000	Ton
0610	HMA, 5E3, High Stress	5010515	785.000	Ton
0620	HMA Approach, High Stress	5010520	325.000	Ton
0630	_ Sanitary Sewer Lead	8007050	25.000	Ea
0640	_ Sanitary Sewer Lead Conflict	8007050	2.000	Ea
0650	_ Sanitary Structure Cover, Type Q	8007050	6.000	Ea
0660	_ Sanitary Structure, 48 inch dia	8007050	6.000	Ea
0670	_ Sanitary Structure, Rem	8007050	6.000	Ea
0680	_ Sanitary Sewer Bypass Pumping	8007051	1.000	LSUM

0690	Driveway, Reinf Conc, 8 inch	8010003	297.000	Syd
0700	Driveway, Nonreinf Conc, 6 inch	8010005	943.000	Syd
0710	Curb, Conc, Det E2	8020002	45.000	Ft
0720	Curb and Gutter, Conc, Det F3	8020037	56.000	Ft
0730	Curb and Gutter, Conc, Det F4	8020038	4,363.000	Ft
0740	Driveway Opening, Conc, Det M	8020050	175.000	Ft
0750	Sidewalk Ramp, Conc, 6 inch	8030036	1,366.000	Sft
0760	Sidewalk, Conc, 4 inch	8030044	15,290.000	Sft
0770	Sidewalk, Conc, 6 inch	8030046	6,847.000	Sft
0780	Sidewalk, Clay Brick Pavers	8030050	920.000	Sft
0790	Sidewalk, Clay Brick Pavers, Rem	8030051	1,060.000	Sft
0800	_ Detectable Warning Surface, Cast Iron,Special	8037001	53.000	Ft
0810	Fdn, Wood Support, Rem	8100280	3.000	Ea
0820	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0830	Post Hole Through Conc for Wood Post	8100341	1.000	Ea
0840	Post, Steel, 3 lb	8100371	328.000	Ft
0850	Post, Wood, 4 inch by 6 inch	8100380	38.000	Ft
0860	Post, Wood, 6 inch by 8 inch	8100382	30.000	Ft
0870	Sign, Type II, Rem	8100397	5.000	Ea
0880	Sign, Type IIA	8100398	49.000	Sft
0890	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0900	Sign, Type III, Rem	8100403	64.000	Ea
0910	Sign, Type IIIA	8100404	43.000	Sft
0920	Sign, Type IIIB	8100405	77.000	Sft
0930	_ Post, Rem	8107050	1.000	Ea
0940	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	550.000	Ft
0950	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	168.000	Ft
0960	Pavt Mrkg, Waterborne, 4 inch, White	8110231	730.000	Ft
0970	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,165.000	Ft
0980	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	730.000	Ft
0990	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,165.000	Ft
1000	Rem Spec Mrkg	8110343	344.000	Sft
1010	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
1020	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
1030	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	5.000	Ea
1040	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	4.000	Ea
1050	Recessing Pavement Markings, Longit	8110450	5,895.000	Ft
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
1080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1100	Minor Traf Devices	8120170	1.000	LSUM
1110	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea

1120	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
1130	Sign Cover	8120310	10.000	Ea
1140	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
1150	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
1160	Sign, Type A, Temp, Prismatic, Furn	8120340	120.000	Sft
1170	Sign, Type A, Temp, Prismatic, Oper	8120341	120.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	2,124.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	2,124.000	Sft
1200	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	924.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	924.000	Sft
1220	Traf Regulator Control	8120370	1.000	LSUM
1230	_ Pedestrian Type II Barricade, Temp	8127050	20.000	Ea
1240	Site Preparation, Max \$2,100.00	8150001	1.000	LSUM
1250	Watering and Cultivating, First Season, Min \$1,000.00	8150002	1.000	LSUM
1260	Watering and Cultivating, Second Season, Min \$1,200.00	8150003	1.000	LSUM
1270	Acer rubrum, 1 1/2 inch	8150146	2.000	Ea
1280	Carpinus betulus 'Fastigiata', 1 1/2 inch	8150718	5.000	Ea
1290	Malus 'Centurion', 1 1/2 inch	8152295	8.000	Ea
1300	Picea pungens, 6 foot	8152802	6.000	Ea
1310	Quercus robur, 1 1/2 inch	8153111	2.000	Ea
1320	_ Block Wall, Landscape, Nonreinf	8157010	765.000	Sft
1330	_ Tree Grate	8157050	2.000	Ea
1340	_ Turf Establishment, Performance	8167011	7,860.000	Syd
1350	Hh, Adj	8190244	1.000	Ea
1360	Case Sign Panel	8200003	6.000	Ea
1370	Case Sign Panel, Rem	8200004	6.000	Ea
1380	Wireless Vehicle Sensor Node, Rem	8200426	4.000	Ea
1390	Wireless Vehicle Sensor Node, Salv	8200427	4.000	Ea
1400	TS, Bag	8200450	17.000	Ea
1410	TS, Bag, Rem	8200451	17.000	Ea
1420	TS Head, Temp	8200453	5.000	Ea
1430	Monument Box	8210001	1.000	Ea
1440	Monument Box Adjust	8210005	1.000	Ea
1450	Monument Preservation	8210010	1.000	Ea
1460	Monument Preservation, Vertical	8210015	1.000	Ea
1470	Protect Corners	8210020	25.000	Ea
1480	Fire Hydrant	8230040	4.000	Ea
1490	Gate Valve and Box, 6 inch	8230051	5.000	Ea
1500	Gate Valve and Box, 8 inch	8230052	5.000	Ea
1510	Gate Valve and Box, 12 inch	8230054	4.000	Ea
1520	Gate Well, Rem	8230076	7.000	Ea
1530	Hydrant, Rem	8230091	4.000	Ea
1540	Water Main, 6 inch, Cut and Plug	8230131	5.000	Ea
1550	Water Main, 8 inch, Cut and Plug	8230132	1.000	Ea

1560	Water Main, 12 inch, Cut and Plug	8230134	4.000	Ea
1570	Water Main, DI, 6 inch, Tr Det G	8230151	89.000	Ft
1580	Water Main, DI, 8 inch, Tr Det G	8230156	1,022.000	Ft
1590	Water Main, DI, 12 inch, Tr Det G	8230166	1,039.000	Ft
1600	Water Serv	8230240	16.000	Ea
1610	Water Serv, Long	8230245	28.000	Ea
1620	Gate Box, Adj, Case 1	8230431	8.000	Ea
1630	Polyethylene Encasement	8230440	2,148.000	Ft
1640	_ Monitoring Well, Adjust	8237050	4.000	Ea
1650	Flowable Fill, Non-Structural	8260148	42.000	Cyd
1660	_ Sanitary Sewer, PVC, 10 inch, Tr Det G	8507001	20.000	Ft
1670	_ Sanitary Sewer, PVC, 12 inch, Tr Det G	8507001	356.000	Ft
1680	_ Sanitary Sewer, PVC, 8 inch, Tr Det G	8507001	510.000	Ft



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 052

Letting Date: March 4, 2016

Contract ID: 16081-122541

Description: Bascule bridge rehabilitation including mechanical, electrical and structural, and maintaining traffic on US-23 over the Cheboygan River in the city of Cheboygan, Cheboygan County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
122541A	NH 1616(204)	HK0815	NH 16081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$185,000.00	1500001	1.000	LSUM
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0030	Erosion Control, Silt Fence	2080036	500.000	Ft
0040	Erosion Control, Turbidity Curtain, Deep	2080042	400.000	Ft
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	40.000	Ft
0060	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	600.000	Ft
0070	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	600.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0100	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0110	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0140	Ltg for Night Work	8120160	1.000	LSUM
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0170	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0180	Sign Cover	8120310	8.000	Ea
0190	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0200	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0230	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	129.000	Sft
0240	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	129.000	Sft
0250	Slope Restoration, Type B	8160101	100.000	Syd
0260	Contractor Staking	8240001	1.000	LSUM

0270	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0280	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0290	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

Section: 2

0300	Reinforcement, Steel, Epoxy Coated	7060092	623.000	Lb
0310	_ Reinforcement, Steel, Galvanized	7067030	1,220.000	Lb
0320	Structural Steel, Mixed, Erect	7070050	46,000.000	Lb
0330	Structural Steel, Mixed, Furn and Fab	7070051	200.000	Lb
0340	Structural Steel, Plate, Erect	7070060	900.000	Lb
0350	Structural Steel, Plate, Furn and Fab	7070061	900.000	Lb
0360	_ Bearing, Elastomeric, with Bonded SolePlate, 2 1/2 inch	7077008	800.000	Sin
0370	Pipe Railing, Galv Steel	7110021	5.000	Ft
0380	_ Safety Gate	7117050	1.000	Ea
0390	Hand Chipping, Deep	7120004	37.000	Syd
0400	Hand Chipping, Other Than Deck	7120007	218.000	Cft
0410	Adhesive Anchoring of Vertical Bar, 3/8 inch	7120031	16.000	Ea
0420	Structures, Rehabilitation, Rem Portions (B03 of 16081)	7120070	1.000	LSUM
0430	Reinforcement, Mechanical Splice	7120084	34.000	Ea
0440	Flushing Cracks, Water	7120098	60.000	Ft
0450	Structural Crack, Repr	7120099	60.000	Ft
0460	Patching Conc, C-L	7120112	4.000	Cyd
0470	Embedded Galvanic Anode	7120120	414.000	Ea
0480	_ Structural Crack, Historic, Repr	7127001	78.000	Ft
0490	_ Penetrating Healer/Sealer, Bridge Deck	7127011	1,045.000	Syd
0500	_ Patching Conc, Historic	7127021	10.000	Cyd
0510	_ Adhesive Anchoring of Horizontal Bars,1/2 inch	7127050	575.000	Ea
0520	_ Adhesive Anchoring of Horizontal Bars,3/8 inch	7127050	88.000	Ea
0530	_ Bolt, Adhesive Anchored, 1 1/4 inch	7127050	12.000	Ea
0540	_ Bolt, Mechanical Expansion Anchored, 1/2inch	7127050	12.000	Ea
0550	_ Conc Testing, Historic(B03 of 16081)	7127051	1.000	LSUM
0560	Beam Plate, Seal Perimeter	7130010	6,900.000	Ft
0570	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,300.000	Lb
0580	_ Stiffeners, Furn, Fab, and Erect,Special	7137030	640.000	Lb
0590	_ Structural Steel, Retrofit, Furn, Fab,and Erect, Special	7137030	6,940.000	Lb
0600	_ Jacking and Shoring	7137050	12.000	Ea
0610	_ Pin Replacement (B03 of 16081)	7137051	1.000	LSUM
0620	Steel Structure, Cleaning, Partial, Type 4 (B03 of 16081)	7150047	1.000	LSUM
0630	Steel Structure, Coating, Partial, Type 4 (B03 of 16081)	7150048	1.000	LSUM
0640	_ Heating and Housing (B03 of 16081)	7157051	1.000	LSUM
0650	Field Repair of Damaged Coating (B03 of 16081)	7160001	1.000	LSUM
0660	Fence, Moving	8080120	55.000	Ft

0670	_ Bird Screening	8087010	64.000	Sft
0680	_ Maintaining Navigation (B03 of 16081)	8127051	1.000	LSUM
0690	_ Articulating Conc Block System, 6 inch	8137011	30.000	Syd
0700	_ Generator House, Downspout	8507001	20.000	Ft
0710	_ Generator House, Gutter	8507001	70.000	Ft
0720	_ Fiberglass-Reinforced Plastic Grating	8507010	477.000	Sft
0730	_ Bridge Mechanical Machinery	8507051	1.000	LSUM
0740	_ Electrical Rehabilitation	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1603 053

Letting Date: March 4, 2016

Contract ID: 84922-128473

Description: Application of permanent pavement markings on various trunkline routes, Alcona, Alpena, Antrim, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128473A	HSIP 1684(078)	KK4047	HSIP 84922

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$186,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	800.000	Mi
0030	Call Back, Mobilization	8110011	4.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	161,000.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	851,000.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	416,000.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,142.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	235.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	875,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,540,000.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	16,045,000.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,200,000.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	120,000.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	37,000.000	Ft
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 054

Letting Date: March 4, 2016

Contract ID: 84925-128475

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

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128475A	HSIP 1684(075)	KK4044	HSIP 84925

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$177,300.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	3.000	Ea
0040	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	834,475.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,660,075.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,682,470.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,703,275.000	Ft
0080	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	224,681.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	431,544.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,330,750.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,927,300.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,489,250.000	Ft
0130	Pavt Mrkg, Waterborne, 12 inch, White	8110237	125,640.000	Ft
0140	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,450.000	Ft
0150	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	82,887.000	Ft
0160	Recessing Pavement Markings, Longit	8110450	100.000	Ft
0170	_ Pavt Mrkg, Waterborne, 12 inch, White, Curb Painting	8117001	405.000	Ft
0180	_ Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb Painting	8117001	2,078.000	Ft
0190	_ Pavt Mrkg, Waterborne, 4 inch, Black	8117001	4,500.000	Ft
0200	_ Pavt Mrkg, Waterborne, Yellow, Island Painting	8117010	1,390.000	Sft
0210	_ Pavt Mrkg, Waterborne, White, Island Painting	8117010	1,150.000	Sft
0220	Minor Traf Devices	8120170	1.000	LSUM

0230	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,000.000	Ft
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Schedule of Pay Items

Report v1

Letting Call: 1603 055

Letting Date: March 4, 2016

Contract ID: 84921-128478

Description: Application of longitudinal pavement markings on various trunkline routes, Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128478A	HSIP 1684(073)	KK4042	HSIP 84921

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$170,000.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	2,100.000	Mi
0030	Call Back, Mobilization	8110011	6.000	Ea
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	880,000.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,597,800.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,076,160.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	605,620.000	Ft
0080	Pavt Mrkg, Waterborne, 12 inch, White	8110237	44,850.000	Ft
0090	_ Pavt Mrkg, Waterborne, 4 inch, White, Special	8117001	89,700.000	Ft
0100	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Special	8117001	11,050.000	Ft
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0130	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 056

Letting Date: March 4, 2016

Contract ID: 84927-128472

Description: Application of special pavement markings with possible call-backs on various trunklines and parking lots, Macomb and Wayne Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128472A	HSIP 1684(079)	KK4048	HSIP 84927

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,200.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	500.000	Mi
0030	Call Back, Mobilization	8110011	12.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	9,500.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	5,000.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	25.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	5.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	50.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	5,000.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	370.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	150.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	35.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	6.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	400.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, School	8110074	75.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	60.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	40.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	45.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru & Lt Roundabout Arrow Sym	8110086	25.000	Ea
0200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	60,000.000	Ft
0210	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,200.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	32,000.000	Ft
0230	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym Pavt Mrkg, Preformed Thermoplastic, Accessible	8110204	8.000	Ea

	Symbol			
0240	Rem Spec Mrkg	8110343	125,000.000	Sft
0250	Recessing Pavt Mrkg, Turning Guide Line	8110452	500.000	Sft
0260	_ Pavt Mrkg, Ovly Cold Plastic, Rt & Lt Roundabout Arrow Sym	8117050	5.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 1603 057

Letting Date: March 4, 2016

Contract ID: 16023-116418

Description: 0.74 mi of hot mix asphalt base crushing and shaping, widening for center left-turn lane and drainage on M-68 from Veihl Road to the Black River, Cheboygan County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116418A	HSIP 1616(205)	KK4041	HSIP 16023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$142,700.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0060	Dr Structure, Rem	2030011	24.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,299.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	740.000	Ft
0090	Curb and Gutter, Rem	2040020	4,409.000	Ft
0100	Guardrail, Rem	2040035	160.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0120	Pavt, Rem	2040050	67.000	Syd
0130	Exploratory Investigation, Vertical	2040080	200.000	Ft
0140	Backfill, Swamp	2050001	500.000	Cyd
0150	Excavation, Peat	2050017	500.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0170	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0180	_ Roadway Grading	2057002	75.000	Sta
0190	Erosion Control, Check Dam, Stone	2080012	204.000	Ft
0200	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0210	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0220	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0230	Erosion Control, Sediment Trap	2080034	18.000	Ea
0240	Erosion Control, Silt Fence	2080036	1,085.000	Ft
0250	Subbase, CIP	3010002	2,710.000	Cyd
0260	Aggregate Base	3020001	1,480.000	Ton
0270	HMA Base Crushing and Shaping	3050002	12,603.000	Syd

0280	Material, Surplus and Unsuitable, Rem, LM	3050010	350.000	Cyd
0290	Salv Crushed Material, LM	3050015	115.000	Cyd
0300	_ HMA Base Crushing and Shaping, Modified	3057011	6,333.000	Syd
0310	Maintenance Gravel, LM	3060021	1,000.000	Cyd
0320	Approach, CI I	3070001	931.000	Ton
0330	Approach, CI II	3070021	130.000	Ton
0340	Shoulder, CI III	3070141	432.000	Ton
0350	Geotextile, Stabilization	3080010	300.000	Syd
0360	Culv End Sect, 15 inch	4010015	11.000	Ea
0370	Culv, CI E, 30 inch	4010543	156.000	Ft
0380	Culv, CI F, 15 inch	4010608	112.000	Ft
0390	Culv, CI F, 18 inch	4010609	36.000	Ft
0400	Culv, CI F, 30 inch	4010611	170.000	Ft
0410	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	4.000	Ea
0420	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	2.000	Ea
0430	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	9.000	Ea
0440	Dr Marker Post	4011109	10.000	Ea
0450	Sewer, CI E, 12 inch, Tr Det B	4020600	615.000	Ft
0460	Sewer, CI E, 15 inch, Tr Det B	4020601	154.000	Ft
0470	Sewer, CI E, 18 inch, Tr Det B	4020602	1,087.000	Ft
0480	Sewer, CI E, 30 inch, Tr Det B	4020604	761.000	Ft
0490	Trench Undercut and Backfill	4021260	175.000	Cyd
0500	Video Taping Sewer and Culv Pipe	4021275	3,099.000	Ft
0510	Dr Structure Cover, Type B	4030010	9.000	Ea
0520	Dr Structure Cover, Type E	4030035	4.000	Ea
0530	Dr Structure Cover, Type J	4030045	16.000	Ea
0540	Dr Structure, 24 inch dia	4030200	8.000	Ea
0550	Dr Structure, 48 inch dia	4030210	12.000	Ea
0560	Dr Structure, 60 inch dia	4030220	5.000	Ea
0570	Dr Structure, 72 inch dia	4030230	4.000	Ea
0580	Dr Structure, Tap, 6 inch	4030306	10.000	Ea
0590	Underdrain, Subbase, 6 inch	4040063	3,429.000	Ft
0600	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0630	Cold Milling HMA Surface	5010002	670.000	Syd
0640	Bump Grinding	5010004	80.000	Syd
0650	HMA Surface, Rem	5010005	2,158.000	Syd
0660	HMA Quality Initiative	5010007	11,116.000	Dlr
0670	Longitudinal Joint Density Quality Initiative	5010018	28,630.000	Dlr
0680	HMA, 4E1	5010050	4,865.000	Ton
0690	HMA Approach	5010061	663.000	Ton
0700	_ Ride Incentive	5017060	6,563.000	Dlr
0710	_ HAZWOPER 40 hour Training, MDOT personnel	8007050	2.000	Ea
0720	_ Dewatering System for Petroleum Contaminated	8007051	1.000	LSUM

	Groundwater, Site			
0730	Driveway, Reinf Conc, 6 inch	8010001	114.000	Syd
0740	Curb and Gutter, Conc, Det B2	8020016	3,970.000	Ft
0750	Driveway Opening, Conc, Det M	8020050	308.000	Ft
0760	Guardrail, Type B	8070000	138.000	Ft
0770	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0780	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0790	Guardrail Reflector	8070080	6.000	Ea
0800	Post, Mailbox	8070095	14.000	Ea
0810	Fdn, Wood Support, Rem	8100280	9.000	Ea
0820	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0830	Post, Delineator	8100350	14.000	Ea
0840	Post, Steel, 3 lb	8100371	931.000	Ft
0850	Post, Wood, 4 inch by 6 inch	8100380	18.000	Ft
0860	Sign, Type II, Rem	8100397	1.000	Ea
0870	Sign, Type IIB	8100399	22.000	Sft
0880	Sign, Type III, Erect, Salv	8100402	33.000	Ea
0890	Sign, Type III, Rem	8100403	38.000	Ea
0900	Sign, Type IIIA	8100404	8.000	Sft
0910	Sign, Type IIIB	8100405	44.000	Sft
0920	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0930	_ Delineator Reflector, Rectangular, 3 inch by 6 inch, Green	8107050	14.000	Ea
0940	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,200.000	Ft
0950	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,054.000	Ft
0960	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,200.000	Ft
0970	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,054.000	Ft
0980	Recessing Pavement Markings, Longit	8110450	22,254.000	Ft
0990	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
1000	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
1010	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1020	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1030	Minor Traf Devices	8120170	1.000	LSUM
1040	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,900.000	Ft
1050	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
1060	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
1070	PTS System, Temp, Furn	8120270	1.000	Ea
1080	PTS System, Temp, Oper	8120271	1.000	Ea
1090	Sign Cover	8120310	5.000	Ea
1100	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
1110	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1120	Sign, Type B, Temp, Prismatic, Furn	8120350	919.000	Sft
1130	Sign, Type B, Temp, Prismatic, Oper	8120351	919.000	Sft

1140	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
1150	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
1160	Traf Regulator Control	8120370	1.000	LSUM
1170	_ Pavt Mrkg, Wet Retrflec Type NR, Paint, 4 inch, Yellow, Temp	8127001	7,600.000	Ft
1180	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	700.000	Ft
1190	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	7,200.000	Ft
1200	_ Driveway Assistance Device, Portable, Temporary	8127050	5.000	Ea
1210	Riprap, Plain	8130010	60.000	Syd
1220	_ HMA Spillway	8147011	11.000	Syd
1230	_ Turf Establishment, Performance-No Rye	8167011	19,885.000	Syd
1240	Monument Box	8210001	14.000	Ea
1250	Monument Preservation	8210010	34.000	Ea
1260	Protect Corners	8210020	13.000	Ea
1270	Centerline Corrugations, Milled, HMA	8220013	1,100.000	Ft
1280	_ Monitoring Well, Adjust	8237050	2.000	Ea
1290	Flowable Fill, Non-Structural	8260148	10.000	Cyd



2/5/2016 9:11 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 058

Letting Date: March 4, 2016

Contract ID: 84926-128497

Description: Application of special pavement markings on various trunkline routes, Clinton, Hillsdale, Monroe and Washtenaw Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128497A	HSIP 1684(074)	KK4043	HSIP 84926

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$47,400.00	1500001	1.000	LSUM
0020	Call Back, Intermediate Transportation	8110010	1,000.000	Mi
0030	Call Back, Mobilization	8110011	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	348.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	2,585.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	378.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	16.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	5.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	81.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	400.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	7.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	354.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	14.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	245.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow	8110073	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, School	8110074	48.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	17.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	23.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	16.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Lt Roundabout Arrow Sym	8110085	17.000	Ea
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	23,507.000	Ft
0220	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	4.000	Ea
0230	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
0240	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,688.000	Ft

0250	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	2,050.000	Ft
0260	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	17,957.000	Ft
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	18,611.000	Ft
0280	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	35.000	Ea
0290	Pavt Mrkg, Polyurea, 6 inch, Turning Guide Line, White	8110222	1,004.000	Ft
0300	Rem Spec Mrkg	8110343	1,500.000	Sft
0310	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0320	Pavt Mrkg, Polyurea, Merge	8110407	1.000	Ea
0330	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0340	Pavt Mrkg, Polyurea, Railroad Sym	8110411	10.000	Ea
0350	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	8.000	Ea
0360	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0370	Minor Traf Devices	8120170	1.000	LSUM



2/5/2016 9:11 AM
Trns•port v2.02.096.03

Schedule of Pay Items

Report v1

Letting Call: 1603 059

Letting Date: March 4, 2016

Contract ID: 84922-116471

Description: Installation of various signing, pavement markings and guardrail delineation to deter wrong way movements onto select freeway ramps along I-75 and US-127, Emmet, Cheboygan, Otsego, Crawford and Roscommon Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116471A	HSIP 1684(080)	KK4050	HSIP 84922

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$3,600.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	1,773.000	Ft
0030	Sign, Type III, Erect, Salv	8100402	85.000	Ea
0040	Sign, Type III, Rem	8100403	85.000	Ea
0050	Sign, Type IIIA	8100404	72.000	Sft
0060	Sign, Type IIIB	8100405	24.000	Sft
0070	Reflective Panel for Permanent Sign Support, 3 foot	8100613	142.000	Ea
0080	_Enhanced Delineation, Dual Color, Guardrail, Channel Mount	8117001	600.000	Ft
0090	_Pavt Mrkg, Ovly Cold Plastic, 4 inch, Turning Guide Line, Yellow	8117001	190.000	Ft
0100	_Pavt Mrkg, Waterborne, Yellow, Island Painting	8117010	2,400.000	Sft
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	400.000	Ft
0150	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0160	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0170	Sign Cover	8120310	8.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 1603 060

Letting Date: March 4, 2016

Contract ID: 57012-112966

Description: 1.22 mi of hot mix asphalt reconstruction and widening and traffic signal modernization on M-55/M-66 from south of Jennings Road to south of 1st Street in the city of Lake City, Missaukee County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112966A	STP 1657(004)	HK0831	ST 57012
124333A	STPG 1657(005)	JJ5477	STG 57012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$310,200.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	25.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	48.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0060	Dr Structure, Rem	2030011	4.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	994.000	Ft
0080	Culv, Other than Pipe, Rem	2040015	1.000	Ea
0090	Curb and Gutter, Rem	2040020	3,014.000	Ft
0100	Curb, Rem	2040021	89.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0120	Pavt, Rem	2040050	13,533.000	Syd
0130	Sidewalk, Rem	2040055	188.000	Syd
0140	Track, Rem	2040065	42.000	Ft
0150	Utility Pole, Rem	2040070	1.000	Ea
0160	Exploratory Investigation, Vertical	2040080	200.000	Ft
0170	Embankment, CIP	2050010	1,545.000	Cyd
0180	Excavation, Earth	2050016	27,415.000	Cyd
0190	Machine Grading	2050030	6.000	Sta
0200	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0210	Subgrade Undercutting, Type II	2050041	1,750.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	784.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	17.000	Ea
0260	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd

0270	Erosion Control, Sediment Trap	2080034	43.000	Ea
0280	Erosion Control, Silt Fence	2080036	1,623.000	Ft
0290	Subbase, CIP	3010002	8,220.000	Cyd
0300	Aggregate Base, 6 inch	3020016	1,500.000	Syd
0310	Aggregate Base, 8 inch	3020020	29,157.000	Syd
0320	Approach, CI I, 6 inch	3070008	9,390.000	Syd
0330	Approach, CI II	3070021	66.000	Ton
0340	Shoulder, CI I, 6 inch	3070108	4,431.000	Syd
0350	Shoulder, CI II	3070121	357.000	Ton
0360	Trenching	3070200	29.000	Sta
0370	Culv End Sect, 15 inch	4010015	49.000	Ea
0380	Culv End Sect, 18 inch	4010018	7.000	Ea
0390	Culv End Sect, 24 inch	4010024	10.000	Ea
0400	Culv, CI E, 15 inch	4010540	160.000	Ft
0410	Culv, CI E, 18 inch	4010541	152.000	Ft
0420	Culv, CI F, 15 inch	4010608	746.000	Ft
0430	Culv, CI F, 24 inch	4010610	168.000	Ft
0440	Dr Marker Post	4011109	16.000	Ea
0450	Sewer, CI A, 15 inch, Tr Det B	4020034	1,313.000	Ft
0460	Sewer, CI A, 18 inch, Tr Det B	4020035	453.000	Ft
0470	Sewer, CI E, 12 inch, Tr Det B	4020600	368.000	Ft
0480	Sewer, CI E, 15 inch, Tr Det B	4020601	648.000	Ft
0490	Sewer, CI E, 18 inch, Tr Det B	4020602	1,240.000	Ft
0500	Sewer, CI E, 24 inch, Tr Det B	4020603	95.000	Ft
0510	Video Taping Sewer and Culv Pipe	4021275	4,429.000	Ft
0520	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0530	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0540	Dr Structure Cover, Type B	4030010	14.000	Ea
0550	Dr Structure Cover, Type D	4030025	2.000	Ea
0560	Dr Structure Cover, Type G	4030040	4.000	Ea
0570	Dr Structure Cover, Type J	4030045	8.000	Ea
0580	Dr Structure Cover, Type K	4030050	21.000	Ea
0590	Dr Structure, 24 inch dia	4030200	13.000	Ea
0600	Dr Structure, 48 inch dia	4030210	35.000	Ea
0610	Dr Structure, 60 inch dia	4030220	1.000	Ea
0620	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0630	Underdrain, Subbase, 6 inch	4040063	1,380.000	Ft
0640	Underdrain, Subgrade, 6 inch	4040073	325.000	Ft
0650	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0660	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0670	Cold Milling HMA Surface	5010002	3,720.000	Syd
0680	Bump Grinding	5010004	2,000.000	Syd
0690	HMA Surface, Rem	5010005	35,154.000	Syd
0700	HMA Quality Initiative	5010007	27,740.000	Dlr
0710	Longitudinal Joint Density Quality Initiative	5010018	67,600.000	Dlr

0720	Hand Patching	5010025	30.000	Ton
0730	HMA, 3E3	5010045	4,463.000	Ton
0740	HMA, 4E3	5010051	4,907.000	Ton
0750	HMA Approach	5010061	1,590.000	Ton
0760	HMA, 4E3, High Stress	5010509	1,557.000	Ton
0770	HMA Approach, High Stress	5010520	195.000	Ton
0780	HMA, LVSP	5010703	1,128.000	Ton
0790	HMA, Temp Pavt (3E3)	5010804	200.000	Ton
0800	_ Ride Incentive	5017060	11,620.000	Dlr
0810	Driveway, Reinf Conc, 8 inch	8010003	317.000	Syd
0820	Driveway, Nonreinf Conc, 6 inch	8010005	1,292.000	Syd
0830	Curb, Conc, Det E4	8020004	77.000	Ft
0840	Curb and Gutter, Conc, Det B2	8020016	3,315.000	Ft
0850	Curb and Gutter, Conc, Det F6	8020040	4,960.000	Ft
0860	Driveway Opening, Conc, Det M	8020050	1,724.000	Ft
0870	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0880	Spillway, Conc	8020075	16.000	Ft
0890	_ Curb and Gutter, Conc, Det F6, Modified	8027001	545.000	Ft
0900	Sidewalk Ramp, Conc, 6 inch	8030036	523.000	Sft
0910	Sidewalk, Conc, 6 inch	8030046	1,916.000	Sft
0920	_ Detectable Warning Surface, Cast Iron	8037001	29.000	Ft
0930	Curb Sloped, HMA	8050010	585.000	Ft
0940	Post, Mailbox	8070095	40.000	Ea
0950	Delineator Reflector	8100130	16.000	Ea
0960	Fdn, Wood Support, Rem	8100280	9.000	Ea
0970	Post, Delineator	8100350	16.000	Ea
0980	Post, Steel, 3 lb	8100371	1,020.000	Ft
0990	Post, Wood, 4 inch by 6 inch	8100380	138.000	Ft
1000	Sign, Type II, Erect, Salv	8100396	6.000	Ea
1010	Sign, Type II, Rem	8100397	6.000	Ea
1020	Sign, Type III, Erect, Salv	8100402	87.000	Ea
1030	Sign, Type III, Rem	8100403	99.000	Ea
1040	Sign, Type IIIA	8100404	72.000	Sft
1050	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
1060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1070	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1080	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	282.000	Ft
1090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	126.000	Ft
1100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	820.000	Ft
1110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,000.000	Ft
1120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,700.000	Ft
1130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	820.000	Ft
1140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,000.000	Ft
1150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,700.000	Ft

1160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1180	Channelizing Device, 42 inch, Furn	8120030	356.000	Ea
1190	Channelizing Device, 42 inch, Oper	8120031	356.000	Ea
1200	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1220	Minor Traf Devices	8120170	1.000	LSUM
1230	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	23,200.000	Ft
1240	Sign Cover	8120310	10.000	Ea
1250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
1260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
1270	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	102.000	Sft
1280	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	102.000	Sft
1290	Traf Regulator Control	8120370	1.000	LSUM
1300	_ Pavt Mrkg, Wet Retrlec Type NR, Paint, 4 inch, White, Temp	8127001	27,000.000	Ft
1310	_ Pavt Mrkg, Wet Retrlec Type NR, Paint, 4 inch, Yellow, Temp	8127001	27,000.000	Ft
1320	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	1,080.000	Ft
1330	Riprap, Plain	8130010	152.000	Syd
1340	Paved Ditch, HMA	8140010	178.000	Syd
1350	Slope Restoration, Type A	8160100	21,500.000	Syd
1360	Slope Restoration, Type B	8160101	13,000.000	Syd
1370	Slope Restoration, Type C	8160102	3,300.000	Syd
1380	Cable Pole, TS, Dismant	8190010	2.000	Ea
1390	Cable, Sec, Rem	8190017	150.000	Ft
1400	Conduit, DB, 1, 1 1/2 inch	8190027	75.000	Ft
1410	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
1420	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1430	Conduit, Rem	8190140	55.000	Ft
1440	Hh, Rem	8190254	4.000	Ea
1450	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
1460	Hh, Round	8190260	3.000	Ea
1470	Cable, Sec, 600V, 1, 3/C#6	8190399	150.000	Ft
1480	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
1490	Case Sign, Rem	8200020	1.000	Ea
1500	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1510	Controller and Cabinet, Rem	8200030	1.000	Ea
1520	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1530	Controller Fdn, Base Mount	8200045	1.000	Ea
1540	Pedestal, Alum	8200100	1.000	Ea
1550	Pedestal, Fdn	8200105	1.000	Ea
1560	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
1570	Pushbutton and Sign	8200121	2.000	Ea

1580	Serv Disconnect	8200135	1.000	Ea
1590	Serv Disconnect, Rem	8200136	1.000	Ea
1600	Span Wire	8200140	4.000	Ea
1610	Span Wire, Rem	8200141	1.000	Ea
1620	Span Wire Tether	8200142	4.000	Ea
1630	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1640	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1650	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
1660	TS, Two Way Bracket Arm Mtd (LED)	8200335	1.000	Ea
1670	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1680	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1690	Wireless Vehicle Detection System	8200422	1.000	Ea
1700	Wireless Vehicle Sensor Node	8200425	12.000	Ea
1710	TS, Bag	8200450	4.000	Ea
1720	TS, Bag, Rem	8200451	4.000	Ea
1730	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1740	Strain Pole Fdn, 6 Bolt	8200470	60.000	Ft
1750	Casing	8200480	46.000	Ft
1760	Backplate, TS	8200501	8.000	Ea
1770	Gate Valve and Box, 6 inch	8230051	1.000	Ea
1780	Water Main, DI, 6 inch, Tr Det F	8230150	258.000	Ft
1790	Water Serv	8230240	2.000	Ea
1800	Water Serv, Conflict	8230250	4.000	Ea
1810	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1820	Water Shutoff, Adj, Case 2	8230422	4.000	Ea
1830	Gate Box, Adj, Case 1	8230431	2.000	Ea
1840	Gate Box, Adj, Case 2	8230432	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 061

Letting Date: March 4, 2016

Contract ID: 44011-128445

Description: 5.11 mi of hot mix asphalt cold milling, joint repairs, and overlay on M-24 from the south Lapeer County line north to north of Pratt Road, Lapeer County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128445A	NH 1644(007)	HK0832	GF16 44011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$174,500.00	1500001	1.000	LSUM
0020	_ Approach, CL II, Modified	3077031	300.000	Ton
0030	_ Shoulder, CL II, Modified	3077031	3,110.000	Ton
0040	Cold Milling HMA Surface	5010002	143,000.000	Syd
0050	HMA Quality Initiative	5010007	28,900.000	Dlr
0060	Pavt for Butt Joints, Rem	5010008	80.000	Syd
0070	Longitudinal Joint Density Quality Initiative	5010018	73,600.000	Dlr
0080	Pavt Joint and Crack Repr, Det 7	5010020	4,370.000	Ft
0090	Pavt Joint and Crack Repr, Det 8	5010021	4,370.000	Ft
0100	Hand Patching	5010025	1,170.000	Ton
0110	HMA, 5E3	5010057	11,000.000	Ton
0120	HMA Approach	5010061	430.000	Ton
0130	HMA, 5E3, High Stress	5010515	1,820.000	Ton
0140	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	250.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	170.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	170.000	Ft
0170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	18.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,530.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,300.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	54,000.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,400.000	Ft
0240	Pavt Mrkg, Waterborne, 12 inch, White	8110237	600.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,530.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	34,300.000	Ft

0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	54,000.000	Ft
0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,400.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	600.000	Ft
0300	Rem Spec Mrkg	8110343	2,730.000	Sft
0310	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0320	Channelizing Device, 42 inch, Furn	8120030	190.000	Ea
0330	Channelizing Device, 42 inch, Oper	8120031	190.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0360	Ltg for Night Work	8120160	1.000	LSUM
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Sign Cover	8120310	10.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,656.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	1,656.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0430	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0440	Traf Loop	8200170	8.000	Ea
0450	Monument Box Adjust	8210005	2.000	Ea
0460	Centerline Corrugations, Milled, HMA	8220013	14,700.000	Ft
0470	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	5,700.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 062

Letting Date: March 4, 2016

Contract ID: 25032-126997

Description: 12.91 mi of concrete patching, joint resealing, epoxy overlay, bump grinding, deck patching, approach work, railing repairs, and concrete surface coating on southbound I-75 from the north junction of I-475 north to Birch Run Creek and over the Lake State Railroad, Genesee and Saginaw Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126997A	IM 1625(014)	KK4051	IM 25032
128414A	IM 1673(216)	KK4040	IM 73171

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$189,400.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,162.000	Syd
0030	Excavation, Earth	2050016	60.000	Cyd
0040	Open-Graded Dr Cse, CIP	3030030	60.000	Cyd
0050	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0060	HMA Surface, Rem	5010005	581.000	Syd
0070	Joint and Crack, Cleanout	5010015	210.000	Ft
0080	Hand Patching	5010025	70.000	Ton
0090	Conc Pavt, Nonreinf, 11 inch	6020110	144.000	Syd
0100	Joint, Contraction, Cp	6020200	950.000	Ft
0110	Joint, Expansion, E2	6020207	129.000	Ft
0120	Joint, Expansion, E3	6020208	116.000	Ft
0130	Joint, Expansion, E4	6020209	52.000	Ft
0140	Shoulder, Nonreinf Conc	6020222	54.000	Syd
0150	Conc Pavt, Bridge Approach, Reinf	6020600	378.000	Syd
0160	Cement	6030005	1.000	Ton
0170	Crack Sealing, Conc Pavt	6030010	3,230.000	Ft
0180	Joint, Contraction, Crg	6030020	5,530.000	Ft
0190	Joint, Expansion, Erg	6030021	800.000	Ft
0200	Joint, Expansion, Esc	6030022	100.000	Ft
0210	Lane Tie, Epoxy Anchored	6030030	4,650.000	Ea
0220	Non-Chloride Accelerator	6030035	40.000	Gal
0230	Pavt Repr, Nonreinf Conc, 8 inch	6030044	410.000	Syd
0240	Pavt Repr, Nonreinf Conc, 9 inch	6030046	420.000	Syd
0250	Pavt Repr, Nonreinf Conc, 10 inch	6030048	30.000	Syd
0260	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,830.000	Syd

0270	Pavt Repr, Rem	6030080	3,750.000	Syd
0280	Saw Cut, Intermediate	6030090	3,160.000	Ft
0290	Resealing Trans Joints with Hot-Poured Rubber	6030100	201,000.000	Ft
0300	Resealing Longit Joints with Hot-Poured Rubber	6030101	337,000.000	Ft
0310	_ Protective Conc Pavt Joint Treatment	6037001	201,000.000	Ft
0320	_ Conc Repair, Non-Cementitious, Partial Depth	6037011	170.000	Syd
0330	_ Presloped Trench Drain Cleanout	8007001	17,030.000	Ft
0340	Valley Gutter, Conc	8020060	80.000	Ft
0350	Conc Barrier, Temp, Adj	8120080	355.000	Ft
0360	Conc Barrier, Temp, Furn	8120081	355.000	Ft
0370	Conc Barrier, Temp, Oper	8120082	355.000	Ft
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Ltg for Night Work	8120160	1.000	LSUM
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	975.000	Ft
0430	Pavt Mrkg, Type NR, Paint, 4 inch, White, Temp	8120220	1,890.000	Ft
0440	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	1,710.000	Ft
0450	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	890.000	Ft
0460	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	710.000	Ft
0470	Plastic Drum, High Intensity, Furn	8120250	640.000	Ea
0480	Plastic Drum, High Intensity, Oper	8120251	640.000	Ea
0490	Sign Cover	8120310	20.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	56.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	56.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	2,892.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	2,892.000	Sft
0540	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	352.000	Sft
0550	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	352.000	Sft
0560	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	8.000	Ea
0570	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	8.000	Ea
0580	_ Portable Non-Intrusive Traffic Sensors	8127050	4.000	Ea
0590	_ Closed Circuit Television Camera	8127050	2.000	Ea
0600	_ Central Computer	8127051	1.000	LSUM
0610	_ Stopped Traf Advisory System	8127051	1.000	LSUM
0620	Monument Box	8210001	2.000	Ea
0630	Monument Preservation	8210010	2.000	Ea

Section: 0002

0640	Excavation, Fdn	2060010	98.000	Cyd
0650	Aggregate Base, LM	3020002	108.000	Cyd
0660	Underdrain, Fdn, 6 inch	4040033	125.000	Ft
0670	HMA Patch, Rem	5010006	4.000	Syd

0680	Expansion Joint Device	7060050	119.000	Ft
0690	Reinforcement, Steel, Epoxy Coated	7060092	5,833.000	Lb
0700	Superstructure Conc	7060110	48.000	Cyd
0710	Superstructure Conc, Form, Finish, and Cure R01-2 of 73171	7060111	1.000	LSUM
0720	Conc Surface Coating R01-2 of 73171	7100010	1.000	LSUM
0730	Scarifying	7120001	455.000	Syd
0740	Hand Chipping, Shallow	7120003	56.000	Syd
0750	Hand Chipping, Other Than Deck	7120007	20.000	Cft
0760	Patch, Forming	7120017	80.000	Sft
0770	Bridge Deck Surface Construction	7120025	455.000	Syd
0780	Conc, Silica Fume Modified	7120027	22.000	Cyd
0790	Structures, Rehabilitation, Rem Portions R01-2 of 73171	7120070	1.000	LSUM
0800	Patching Conc, C-L	7120112	6.000	Cyd
0810	_ Epoxy Overlay	7127011	1,910.000	Syd
0820	_ Railroad Inspection and Flagging	8507060	10,000.000	Dlr
0830	_ Railroad Protection	8507060	5,000.000	Dlr



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 063

Letting Date: March 4, 2016

Contract ID: 41133-126115

Description: 4.97 mi of hot mix asphalt cold milling and resurfacing on US-131 from White Creek Avenue north to the Kent/Montcalm county line, 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
126115A	NH 1641(033)	HK0834	GF16 41133

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$156,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,000.000	Ton
0030	Cold Milling HMA Surface	5010002	158,520.000	Syd
0040	Bump Grinding	5010004	400.000	Syd
0050	HMA Quality Initiative	5010007	26,948.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	54,675.000	Dlr
0070	HMA, 5E10	5010058	12,768.000	Ton
0080	HMA Approach	5010061	706.000	Ton
0090	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	13,500.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	53,000.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	53,000.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,850.000	Ft
0130	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0140	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Ltg for Night Work	8120160	1.000	LSUM
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, High Intensity, Furn	8120250	800.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	800.000	Ea
0210	Sign Cover	8120310	5.000	Ea
0220	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
0230	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0260	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	4,300.000	Ft
0270	_ Sign, Portable, Changeable Message,	8127050	4.000	Ea

0280	NTCIP-Compliant, Furn _ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	4.000	Ea
0290	Monument Box	8210001	5.000	Ea
0300	Monument Box Adjust	8210005	10.000	Ea
0310	Monument Preservation	8210010	10.000	Ea
0320	Protect Corners	8210020	20.000	Ea



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 064

Letting Date: March 4, 2016

Contract ID: 23063-124788

Description: 11.36 mi of intermittent full-depth concrete pavement repairs on I-69 from I-96 south to Lansing Road in the cities of Charlotte and Pottersville, Eaton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124788A	N/A	N/A	GF16 23063

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$142,700.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	647.000	Syd
0030	Project Cleanup	2090001	1.000	LSUM
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Joint, Contraction, Cp	6020200	328.000	Ft
0060	Cement	6030005	298.000	Ton
0070	Joint, Contraction, Crg	6030020	22,464.000	Ft
0080	Joint, Expansion, Erg	6030021	360.000	Ft
0090	Lane Tie, Epoxy Anchored	6030030	1,826.000	Ea
0100	Non-Chloride Accelerator	6030035	6,337.000	Gal
0110	Pavt Repr, Nonreinf Conc, 10 inch	6030048	11,406.000	Syd
0120	Pavt Repr, Rem	6030080	10,759.000	Syd
0130	Saw Cut, Intermediate	6030090	7,776.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	30,000.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	120,000.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	120,000.000	Ft
0170	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,000.000	Ft
0180	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0190	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Mobile Attenuator	8120180	1.000	Ea
0240	Plastic Drum, High Intensity, Furn	8120250	450.000	Ea
0250	Plastic Drum, High Intensity, Oper	8120251	450.000	Ea
0260	Sign Cover	8120310	10.000	Ea
0270	Sign, Type A, Temp, Prismatic, Furn	8120340	31.000	Sft
0280	Sign, Type A, Temp, Prismatic, Oper	8120341	31.000	Sft

0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,729.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,729.000	Sft
0310	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0320	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	3.000	Ea



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 065

Letting Date: March 4, 2016

Contract ID: 24051-127521

Description: 20.15 mi of hot mix asphalt overband crack filling, single-course chip sealing, fog sealing and pavement marking on M-119 from Ann Street in Harbor Springs northerly to North State Road in Cross Village, Emmet County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127521A	STP 1624(005)	HK0839	ST 24051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,200.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	650.000	Ton
0030	Overband Crack Fill, Lane	5020003	40.300	Lnmi
0040	Chip Seal, Single, Warranty	5050040	237,050.000	Syd
0050	_ Seal, Fog	5057011	237,050.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,000.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	213,000.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,000.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	213,000.000	Ft
0100	_ Traffic Control	8127051	1.000	LSUM



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 066

Letting Date: March 4, 2016

Contract ID: 32011-119222

Description: 0.37 mi of widening for left turn lane, cold milling, one-course hot mix asphalt overlay, curb and gutter, storm sewer, and intersection and driveway improvements on M-25 from Bay Street/Sebewaing Road to Main Street in the village of Sebewaing, Huron County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119222A	CM 1632(002)	HK0768	CM 32011
127009A	NH 1632(003)	HK0769	NH 32011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$76,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Dr Structure, Rem	2030011	29.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	2,843.000	Ft
0060	Curb and Gutter, Rem	2040020	233.000	Ft
0070	Pavt, Rem	2040050	1,301.000	Syd
0080	Sidewalk, Rem	2040055	180.000	Syd
0090	Excavation, Earth	2050016	2,126.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0120	_ Embankment, CIP, Special	2057021	600.000	Cyd
0130	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	75.000	Ea
0150	Erosion Control, Silt Fence	2080036	300.000	Ft
0160	Subbase, CIP	3010002	1,472.000	Cyd
0170	Aggregate Base, 6 inch	3020016	5,178.000	Syd
0180	Sewer, Cl A, 12 inch, Tr Det B	4020033	307.000	Ft
0190	Sewer, Cl A, 15 inch, Tr Det B	4020034	1,392.000	Ft
0200	Sewer, Cl A, 18 inch, Tr Det B	4020035	1,287.000	Ft
0210	Sewer, Cl A, 24 inch, Tr Det B	4020036	64.000	Ft
0220	Sewer Tap, 6 inch	4021201	26.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	3,050.000	Ft
0240	Dr Structure Cover, Type B	4030010	5.000	Ea
0250	Dr Structure Cover, Type K	4030050	34.000	Ea

0260	Dr Structure, 48 inch dia	4030210	35.000	Ea
0270	Dr Structure, 60 inch dia	4030220	1.000	Ea
0280	Dr Structure, 72 inch dia	4030230	1.000	Ea
0290	Dr Structure, 96 inch dia	4030234	2.000	Ea
0300	Underdrain, Subbase, 6 inch	4040063	2,888.000	Ft
0310	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0320	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0330	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0340	Cold Milling HMA Surface	5010002	5,728.000	Syd
0350	HMA Surface, Rem	5010005	3,399.000	Syd
0360	HMA Quality Initiative	5010007	3,304.000	Dlr
0370	Longitudinal Joint Density Quality Initiative	5010018	4,246.000	Dlr
0380	Hand Patching	5010025	61.000	Ton
0390	HMA, 3E1	5010044	273.000	Ton
0400	HMA, 4E1	5010050	180.000	Ton
0410	HMA, 5E1	5010056	697.000	Ton
0420	HMA Approach	5010061	441.000	Ton
0430	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0440	Driveway, Nonreinf Conc, 6 inch	8010005	228.000	Syd
0450	Curb and Gutter, Conc, Det F4	8020038	3,127.000	Ft
0460	Driveway Opening, Conc, Det M	8020050	48.000	Ft
0470	Detectable Warning Surface	8030010	115.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	1,052.000	Sft
0490	Sidewalk, Conc, 6 inch	8030046	665.000	Sft
0500	Post, Steel, 3 lb	8100371	529.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0520	Sign, Type III, Rem	8100403	26.000	Ea
0530	Sign, Type IIIA	8100404	40.000	Sft
0540	Sign, Type IIIB	8100405	105.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0560	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,945.000	Ft
0570	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0590	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0600	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0610	Minor Traf Devices	8120170	1.000	LSUM
0620	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	350.000	Ft
0630	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	175.000	Ft
0640	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	2,500.000	Ft
0650	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0660	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0670	Sign Cover	8120310	10.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,736.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,736.000	Sft

0700	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	24.000	Sft
0710	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	24.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	_ Pedestrian Type II Barricade, Temp	8127050	12.000	Ea
0740	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0750	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0760	Site Preparation, Max \$500.00	8150001	1.000	LSUM
0770	Watering and Cultivating, First Season, Min \$300.00	8150002	1.000	LSUM
0780	Watering and Cultivating, Second Season, Min \$300.00	8150003	1.000	LSUM
0790	Acer rubrum 'Bowhall', 1 1/2 inch	8150140	3.000	Ea
0800	Quercus bicolor, 1 1/2 inch	8153042	3.000	Ea
0810	_ Turf Establishment, Performance-No Rye	8167011	2,131.000	Syd
0820	Monument Box Adjust	8210005	1.000	Ea
0830	Monument Preservation	8210010	4.000	Ea
0840	Gate Box, Reconst, Case 1	8230411	5.000	Ea
0850	Gate Box, Adj, Case 1	8230431	5.000	Ea



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 067

Letting Date: March 4, 2016

Contract ID: 0999-127935

Description: 3.88 mi of aggregate shared-use path and construction of a parking area along abandoned rail line from south of Prevo Road to north of Alameda Beach Road, Bay County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127935A	TAP 1609(209)	TT0286	TAL 09999

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$61,800.00	1500001	1.000	LSUM
0020	_ Bollard, Rem	2047050	1.000	Ea
0030	Embankment, CIP	2050010	180.000	Cyd
0040	Excavation, Earth	2050016	230.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	10.000	Ft
0070	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0080	Erosion Control, Sediment Trap	2080034	1.000	Ea
0090	Erosion Control, Silt Fence	2080036	240.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	Subbase, CIP	3010002	60.000	Cyd
0120	Aggregate Surface Cse	3060006	13,830.000	Ton
0130	Geotextile, Separator	3080005	32,570.000	Syd
0140	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0150	Culv, CI A, Conc, 24 inch	4010168	30.000	Ft
0160	Sidewalk, Conc, 6 inch	8030046	2,800.000	Sft
0170	_ Detectable Warning Surface, Cast Iron	8037001	140.000	Ft
0180	Shared use Path, Grading	8060030	20,450.000	Ft
0190	Post, Wood Guard	8070085	23.000	Ea
0200	Post, Steel, 3 lb	8100371	1,045.000	Ft
0210	Sign, Type IIIA	8100404	37.000	Sft
0220	Sign, Type IIIB	8100405	288.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	320.000	Ft
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea

0280	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	236.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	236.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	36.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	36.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	_ Turf Establishment, Performance-No Rye	8167011	16,080.000	Syd
0350	Contractor Staking, Road Only	8240007	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0390	_ Collapsible Bollard	8507050	16.000	Ea
0400	_ Tie Disposal	8507051	1.000	LSUM



2/12/2016 8:26 AM
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Schedule of Pay Items

Report v1

Letting Call: 1603 068

Letting Date: March 4, 2016

Contract ID: 33084-128623

Description: 7.92 mi of full-depth concrete pavement repairs, hot mix asphalt cold milling and resurfacing including shoulders and guardrail reconstruction as needed on the I-96/M-52 interchange ramps and on I-96 from Meridian Road to M-59 in the village of Webberville, Ingham and Livingston Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128623A	N/A	N/A	GF16 33084
128638A	N/A	N/A	GF16 33085

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$207,600.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	2,854.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Cold Milling HMA Surface	5010002	52,452.000	Syd
0060	HMA Surface, Rem	5010005	4,063.000	Syd
0070	HMA Quality Initiative	5010007	23,484.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	7,750.000	Dlr
0090	Hand Patching	5010025	10.000	Ton
0100	HMA, 5E3	5010057	2,420.000	Ton
0110	HMA, LVSP	5010703	9,312.000	Ton
0120	Joint, Contraction, Cp	6020200	347.000	Ft
0130	Cement	6030005	227.000	Ton
0140	Joint, Contraction, Crg	6030020	15,294.000	Ft
0150	Joint, Expansion, Erg	6030021	144.000	Ft
0160	Lane Tie, Epoxy Anchored	6030030	582.000	Ea
0170	Non-Chloride Accelerator	6030035	4,833.000	Gal
0180	Pavt Repr, Rem	6030080	5,800.000	Syd
0190	Saw Cut, Intermediate	6030090	1,337.000	Ft
0200	_ Pavt Repr, Nonreinf Conc, 15 inch	6037011	5,360.000	Syd
0210	_ Conc, Rapid Set, 15 inch	6037011	440.000	Syd
0220	Guardrail, Reconst, Type T	8070109	9,632.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	125.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea

0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,839.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	86,258.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	79,251.000	Ft
0300	Pavt Mrkg, Waterborne, 12 inch, White	8110237	6,410.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	16,839.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	86,258.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	79,251.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	6,410.000	Ft
0350	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0360	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0380	Channelizing Device, 42 inch, Furn	8120030	225.000	Ea
0390	Channelizing Device, 42 inch, Oper	8120031	225.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0420	Ltg for Night Work	8120160	1.000	LSUM
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Mobile Attenuator	8120180	1.000	Ea
0450	Plastic Drum, High Intensity, Furn	8120250	520.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	520.000	Ea
0470	Sign Cover	8120310	10.000	Ea
0480	Sign, Type A, Temp, Prismatic, Furn	8120340	31.000	Sft
0490	Sign, Type A, Temp, Prismatic, Oper	8120341	31.000	Sft
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	2,314.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	2,314.000	Sft
0520	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	10.000	Ea
0530	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	10.000	Ea
0540	Shoulder Corrugations, Ground or Cut, HMA	8220001	30,475.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 1603 069

Letting Date: March 4, 2016

Contract ID: 02011-126911

Description: 11.13 mi of overband crack filling and microsurfacing, centerline corrugations, and pavement markings on US-41 from the Alger/Delta county line northerly to the Alger/Marquette county line, Alger County.
This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126911A	NH 1602(004)	HK0854	NH 02011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$98,500.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,890.000	Ton
0030	Overband Crack Fill, Lane	5020003	24.700	Lnmi
0040	Micro-Surface, Warranty	5040030	205,025.000	Syd
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,614.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,830.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	117,950.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,614.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	42,830.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	117,950.000	Ft
0120	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	188.000	Ft
0130	Rem Spec Mrkg	8110343	65.000	Sft
0140	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
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	45,445.000	Ft
0190	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	118,000.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0220	Sign Cover	8120310	10.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	884.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	884.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Monument Box	8210001	2.000	Ea

0270	Monument Box Adjust	8210005	1.000	Ea
0280	Monument Preservation	8210010	2.000	Ea
0290	Centerline Corrugations, Milled, HMA	8220013	58,770.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1603 070

Letting Date: March 4, 2016

Contract ID: 54012-126118

Description: 3.48 mi of hot mix asphalt cold milling and resurfacing, detail 8 joint repair, concrete curb, gutter and sidewalk ramp, and pavement markings on US-131BR from north of M-20 (Maple Street) northerly to 19 Mile Road in the city of Big Rapids, Mecosta County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126118A	NH 1654(003)	HK0838	NH 54012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$98,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Sidewalk, Rem	2040055	18.000	Syd
0040	Shoulder, CI I, 6 inch	3070108	795.000	Syd
0050	Shoulder, CI II	3070121	200.000	Ton
0060	Trenching	3070200	10.000	Sta
0070	Dr Structure Cover, Adj, Case 1	4030005	47.000	Ea
0080	Cold Milling HMA Surface	5010002	93,585.000	Syd
0090	Bump Grinding	5010004	200.000	Syd
0100	HMA Quality Initiative	5010007	17,198.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	53,605.000	Dlr
0120	Pavt Joint and Crack Repr, Det 8	5010021	2,064.000	Ft
0130	Hand Patching	5010025	508.000	Ton
0140	HMA Approach	5010061	541.000	Ton
0150	HMA, LVSP	5010703	7,550.000	Ton
0160	Curb and Gutter, Conc, Det C4	8020023	12.000	Ft
0170	Detectable Warning Surface	8030010	10.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	228.000	Sft
0190	_ Sidewalk, Wood, Temp	8037001	30.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	12.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	12.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	610.000	Ft

0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	136.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,981.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,706.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	31,298.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,981.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,706.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	31,298.000	Ft
0330	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0350	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0360	Ltg for Night Work	8120160	1.000	LSUM
0370	Minor Traf Devices	8120170	1.000	LSUM
0380	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0400	Sign Cover	8120310	8.000	Ea
0410	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0420	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	1,367.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	1,367.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	500.000	Ft
0470	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	3,600.000	Ft
0480	Fertilizer, Chemical Nutrient, CI A	8160020	1.000	Lb
0490	Mulch Blanket	8160027	10.000	Syd
0500	Seeding, Mixture TDS	8160037	1.000	Lb
0510	Topsoil Surface, Furn, 4 inch	8160062	10.000	Syd
0520	Monument Box Adjust	8210005	1.000	Ea
0530	Monument Preservation	8210010	1.000	Ea
0540	Gate Box, Adj, Case 1	8230431	19.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 1603 071

Letting Date: March 4, 2016

Contract ID: 13121-120469

Description: 0.10 mi of hot mix asphalt right-turn lane, concrete driveway, curb and gutter, hydrant relocation, traffic signal modernization and pavement markings on I-94BL (Dickman Road) at Riverside Drive in the city of Battle Creek, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120469A	CM 1613(007)	HK0840	CM 13121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$24,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	421.000	Ft
0030	Fence, Rem	2040025	12.000	Ft
0040	Pavt, Rem	2040050	98.000	Syd
0050	Embankment, CIP	2050010	100.000	Cyd
0060	Excavation, Earth	2050016	1,085.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0080	_ Out of Service Pipeline, Rem, 2 inch to10 inch	2057001	21.000	Ft
0090	Erosion Control, Silt Fence	2080036	200.000	Ft
0100	_ Straw Wattle	2087001	446.000	Ft
0110	_ Erosion Control, Inlet Protection,Fabric Drop, Special	2087050	6.000	Ea
0120	Subbase, CIP	3010002	437.000	Cyd
0130	Aggregate Base, 6 inch	3020016	892.000	Syd
0140	Maintenance Gravel, LM	3060021	50.000	Cyd
0150	Sewer, Cl A, 12 inch, Tr Det B	4020033	19.000	Ft
0160	Sewer, Cl E, 12 inch, Tr Det B	4020600	32.000	Ft
0170	Sewer Tap, 12 inch	4021204	1.000	Ea
0180	Video Taping Sewer and Culv Pipe	4021275	51.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0200	Dr Structure Cover, Type B	4030010	3.000	Ea
0210	Dr Structure Cover, Type K	4030050	2.000	Ea
0220	Dr Structure, 24 inch dia	4030200	2.000	Ea
0230	Dr Structure, 48 inch dia	4030210	1.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	442.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	30.000	Ft
0270	Cold Milling HMA Surface	5010002	152.000	Syd

0280	HMA Surface, Rem	5010005	354.000	Syd
0290	HMA Quality Initiative	5010007	101.000	Dlr
0300	Longitudinal Joint Density Quality Initiative	5010018	750.000	Dlr
0310	Hand Patching	5010025	4.000	Ton
0320	HMA Approach	5010061	213.000	Ton
0330	Driveway, Nonreinf Conc, 6 inch	8010005	32.000	Syd
0340	Curb and Gutter, Conc, Det F5	8020039	41.000	Ft
0350	Curb and Gutter, Conc, Det F6	8020040	444.000	Ft
0360	Driveway Opening, Conc, Det M	8020050	45.000	Ft
0370	Fence Post	8080130	1.000	Ea
0380	Post, Steel, 3 lb	8100371	167.000	Ft
0390	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0400	Sign, Type III, Rem	8100403	12.000	Ea
0410	Sign, Type IIIB	8100405	15.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	451.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	828.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	451.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	828.000	Ft
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Plastic Drum, High Intensity, Furn	8120250	128.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	128.000	Ea
0570	Sign Cover	8120310	3.000	Ea
0580	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0590	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0600	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
0610	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	885.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	885.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	79.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	79.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Fertilizer, Chemical Nutrient, CI A	8160020	26.000	Lb
0680	Mulch	8160025	690.000	Syd
0690	Mulch Anchoring	8160026	393.000	Syd
0700	Mulch Blanket	8160027	298.000	Syd

0710	Seeding, Mixture THM	8160039	32.000	Lb
0720	Topsoil Surface, Furn, 4 inch	8160062	690.000	Syd
0730	Conduit, DB, 1, 1 1/2 inch	8190027	10.000	Ft
0740	Conduit, DB, 1, 3 inch	8190029	95.000	Ft
0750	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0760	Conduit, Rem	8190140	40.000	Ft
0770	Hh, Rem	8190254	4.000	Ea
0780	Hh, Round, 3 foot Dia.	8190259	1.000	Ea
0790	Hh, Round	8190260	4.000	Ea
0800	Cable, Sec, 600V, 1, 3/C#6	8190399	125.000	Ft
0810	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
0820	Wood Pole, Fit Up, TS Cable Pole	8190501	2.000	Ea
0830	Conduit, Directional Bore, 2, 3 inch	8190604	170.000	Ft
0840	Case Sign, Rem	8200020	2.000	Ea
0850	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0860	Controller and Cabinet, Rem	8200030	1.000	Ea
0870	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0880	Controller Fdn, Base Mount	8200045	1.000	Ea
0890	Digital Loop Detector	8200055	1.000	Ea
0900	Power Co. (Est. Cost to Contractor)	8200116	11,330.000	Dlr
0910	Serv Disconnect	8200135	1.000	Ea
0920	Serv Disconnect, Rem	8200136	1.000	Ea
0930	Span Wire	8200140	5.000	Ea
0940	Span Wire, Rem	8200141	2.000	Ea
0950	Span Wire Tether	8200142	5.000	Ea
0960	Traf Loop	8200170	7.000	Ea
0970	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0980	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0990	TS, One Way Span Wire Mtd (LED)	8200313	11.000	Ea
1000	TS, 4th Level, LTGA (LED)	8200329	2.000	Ea
1010	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1020	TS, Antenna, Rem	8200368	1.000	Ea
1030	TS, Antenna, Salv	8200369	1.000	Ea
1040	Wireless Intercn, Closed Loop, Salv	8200389	1.000	Ea
1050	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
1060	TS, Bag	8200450	25.000	Ea
1070	TS, Bag, Rem	8200451	25.000	Ea
1080	Backplate, TS	8200501	12.000	Ea
1090	Gate Well, Rem	8230076	1.000	Ea
1100	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1110	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
1120	Water Main, DI, 6 inch, Tr Det G	8230151	18.000	Ft
1130	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1140	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
1150	Contractor Staking, Road Only	8240007	1.000	LSUM

1160	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
1170	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
1180	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1603 072

Letting Date: March 4, 2016

Contract ID: 11053-127625

Description: 1.13 mi of concrete joint resealing on M-63 from the pavement change north of the St. Joseph River proceeding northerly to the pavement change at the Higman Park Road bridge, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127625A	STP 1611(014)	HK0847	ST 11053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	Mobilization, Max \$18,400.00	1500001	1.000	LSUM
0020	Resealing Trans Joints with Hot-Poured Rubber	6030100	21,066.000	Ft
0030	Resealing Longit Joints with Hot-Poured Rubber	6030101	38,518.000	Ft
0040	_ Protective Conc Pavt Joint Treatment	6037001	59,584.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	150.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	168.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	12.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,242.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	13,282.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,070.000	Ft
0140	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,070.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	100.000	Ft
0160	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0170	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0180	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0190	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0200	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign Cover	8120310	10.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft

0290	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	16.000	Sft
0300	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	16.000	Sft
0310	Contractor Staking, Road Only	8240007	1.000	LSUM
0320	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0330	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0340	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 1603 073

Letting Date: March 4, 2016

Contract ID: 42011-128843

Description: 1.33 mi of hot mix asphalt cold milling and resurfacing, joint repair, and pavement markings on US-41 from south of #6 Road north to north of 1st Street, Keweenaw County. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128843A	STP 1642(002)	HK0853	ST 42011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,600.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	25.000	Ton
0030	Shoulder, CI II	3070121	141.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Cold Milling HMA Surface	5010002	23,500.000	Syd
0070	HMA Quality Initiative	5010007	6,060.000	Dlr
0080	Pavt for Butt Joints, Rem	5010008	826.000	Syd
0090	Longitudinal Joint Density Quality Initiative	5010018	21,579.000	Dlr
0100	Pavt Joint and Crack Repr, Det 7	5010020	900.000	Ft
0110	Pavt Joint and Crack Repr, Det 8	5010021	300.000	Ft
0120	Hand Patching	5010025	150.000	Ton
0130	HMA Approach	5010061	180.000	Ton
0140	HMA, LVSP	5010703	2,700.000	Ton
0150	Cold Milling Conc Pavt	6030014	150.000	Syd
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,300.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,625.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,300.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,625.000	Ft
0200	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0210	Protective Overlay, Snowmobile Trail Crossing	8110550	115.000	Syd
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	1,000.000	Ft
0260	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,000.000	Ft
0270	Plastic Drum, High Intensity, Furn	8120250	70.000	Ea

0280	Plastic Drum, High Intensity, Oper	8120251	70.000	Ea
0290	Sign Cover	8120310	2.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	752.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	752.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Monument Box	8210001	1.000	Ea
0340	Monument Box Adjust	8210005	10.000	Ea
0350	Monument Preservation	8210010	1.000	Ea
0360	Protect Corners	8210020	10.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 074

Letting Date: March 4, 2016

Contract ID: 60021-129246

Description: 0.09 mi of high friction surface treatment on M-32 within the horizontal curve at Manier Road,
Montmorency County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129246A	HSIP 1660(002)	KK4053	HSIP 60021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$5,600.00	1500001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	1,890.000	Syd
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	972.000	Ft
0040	Pavt Mrkg, Waterborne, 6 inch, White	8110233	972.000	Ft
0050	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	972.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	972.000	Ft
0070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,944.000	Ft
0080	_ Traffic Control	8127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 1603 075

Letting Date: March 4, 2016

Contract ID: 67032-126874

Description: 5.76 mi of hot mix asphalt cold milling and resurfacing, paved shoulders, concrete curb, gutter, sidewalk and ramps, and pavement marking on M-66 from north of M-115 to north of 21 Mile Road in the village of Marion, Osceola County. This project contains a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126874A	STP 1667(001)	HK0835	ST 67032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$97,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	140.000	Ft
0030	Pavt, Rem	2040050	417.000	Syd
0040	Sidewalk, Rem	2040055	100.000	Syd
0050	Shoulder, CI II	3070121	1,142.000	Ton
0060	Cold Milling HMA Surface	5010002	108,630.000	Syd
0070	Bump Grinding	5010004	200.000	Syd
0080	HMA Quality Initiative	5010007	19,612.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	49,726.000	Dlr
0100	HMA Approach	5010061	493.000	Ton
0110	HMA, LVSP	5010703	9,313.000	Ton
0120	Curb and Gutter, Conc, Det C2	8020021	32.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	1,063.000	Sft
0140	_ Sidewalk, Wood, Temp	8037001	100.000	Ft
0150	_ Detectable Warning Surface, Cast Iron	8037001	45.000	Ft
0160	Post, Steel, 3 lb	8100371	34.000	Ft
0170	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0180	Sign, Type III, Rem	8100403	2.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	466.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	157.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	746.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,665.000	Ft
0250	Pavt Mrkg, Waterborne, 6 inch, White	8110233	60,842.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	746.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 4 inch,	8110252	24,665.000	Ft

	Yellow			
0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	60,842.000	Ft
0290	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0310	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0340	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0350	Sign Cover	8120310	20.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	734.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	734.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	3,300.000	Ft
0400	_ Pavt Mrkg, Wet Reflective Type R, Tape, White, Temp	8127001	60.000	Ft
0410	Fertilizer, Chemical Nutrient, CI A	8160020	1.000	Lb
0420	Mulch Blanket	8160027	10.000	Syd
0430	Seeding, Mixture TDS	8160037	1.000	Lb
0440	Topsoil Surface, Furn, 4 inch	8160062	10.000	Syd
0450	Monument Box	8210001	12.000	Ea
0460	Monument Preservation	8210010	12.000	Ea
0470	Centerline Corrugations, Milled, HMA	8220013	22,600.000	Ft
0480	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	7,100.000	Ft
0490	Gate Box, Adj, Case 1	8230431	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 1603 076

Letting Date: March 4, 2016

Contract ID: 33091-127513

Description: 3.91 mi of hot mix asphalt overband crack filling and double microsurfacing on M-52 from Morton Road northerly to Topping Road (M-36) in the village of Stockbridge, Ingham County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127513A	STP 1633(008)	HK0844	ST 33091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$36,800.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	2,550.000	Ton
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	Overband Crack Fill, Lane	5020003	8.000	Lnmi
0050	Micro-Surface, Warranty	5040030	68,900.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,325.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	41,300.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,325.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	41,300.000	Ft
0100	Witness, Log, Layout, \$1,000.00	8110354	1,000.000	Dlr
0110	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0120	Channelizing Device, 42 inch, Oper	8120031	150.000	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, Longit, 6 inch or Less Width, Rem	8120210	46,500.000	Ft
0170	Plastic Drum, High Intensity, Furn	8120250	25.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	25.000	Ea
0190	Sign Cover	8120310	6.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	858.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	858.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Sign, Portable, Changeable, Message, NTCIP-Compliant, Furn	8127050	3.000	Ea
0240	_ Sign, Portable, Changeable, Message, NTCIP-Compliant, Oper	8127050	3.000	Ea
0250	_ Pilot Car, Corrugations	8127051	1.000	LSUM
0260	Monument Preservation	8210010	3.000	Ea

0270	Centerline Corrugations, Milled, HMA	8220013	20,650.000	Ft
0280	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	400.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1603 077

Letting Date: March 4, 2016

Contract ID: 79041-112817

Description: 4.86 mi of hot mix asphalt overlay, shoulder, guardrail and drainage on M-46 from east of Vassar Road easterly to east of Sheridan Road, Tuscola County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
112817A	NH 1679(009)	HK0868	NH 79041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 0001				
0010	_ Railroad Protection	1077060	2,000.000	Dlr
0020	Mobilization, Max \$295,000.00	1500001	1.000	LSUM
0030	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0050	Dr Structure, Rem	2030011	2.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	192.000	Ft
0070	Guardrail, Rem	2040035	890.000	Ft
0080	Exploratory Investigation, Vertical	2040080	50.000	Ft
0090	Ditch Cleanout	2050006	10.000	Sta
0100	Embankment, CIP	2050010	250.000	Cyd
0110	Excavation, Earth	2050016	20.000	Cyd
0120	_ Approach Grading, Type I	2057050	10.000	Ea
0130	_ Approach Grading, Type II	2057050	56.000	Ea
0140	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0150	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd
0160	Erosion Control, Sediment Trap	2080034	5.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0180	Aggregate Base, 6 inch	3020016	740.000	Syd
0190	Maintenance Gravel, LM	3060021	250.000	Cyd
0200	Approach, CI II	3070021	255.000	Ton
0210	Trenching	3070200	14.000	Sta
0220	_ Shoulder, CI II, Modified	3077031	6,877.000	Ton
0230	Culv End Sect, 12 inch	4010012	10.000	Ea
0240	Culv End Sect, 15 inch	4010015	10.000	Ea
0250	Culv End Sect, 18 inch	4010018	22.000	Ea
0260	Culv End Sect, 24 inch	4010024	2.000	Ea
0270	Culv, CI A, 18 inch	4010133	192.000	Ft

0280	Culv, CI F, 12 inch	4010607	120.000	Ft
0290	Culv, CI F, 15 inch	4010608	120.000	Ft
0300	Culv, CI F, 18 inch	4010609	120.000	Ft
0310	Culv, CI F, 24 inch	4010610	80.000	Ft
0320	Dr Marker Post	4011109	16.000	Ea
0330	_ Culvert Cleanout	4017001	2,560.000	Ft
0340	_ Cured-In-Place Pipe Lining, 24 inch	4017001	120.000	Ft
0350	_ Cured-In-Place Pipe Lining, 18 inch	4017001	648.000	Ft
0360	Video Taping Sewer and Culv Pipe	4021275	960.000	Ft
0370	Dr Structure Cover, Type B	4030010	2.000	Ea
0380	Dr Structure, 48 inch dia	4030210	2.000	Ea
0390	_ Dr Structure, Repr	4037050	4.000	Ea
0400	Pavt, Cleaning	5010001	1.000	LSUM
0410	Bump Grinding	5010004	500.000	Syd
0420	HMA Surface, Rem	5010005	2,650.000	Syd
0430	HMA Quality Initiative	5010007	47,040.000	Dlr
0440	Pavt for Butt Joints, Rem	5010008	2,060.000	Syd
0450	Longitudinal Joint Density Quality Initiative	5010018	155,400.000	Dlr
0460	Pavt Joint and Crack Repr, Det 7	5010020	12,500.000	Ft
0470	Pavt Joint and Crack Repr, Det 8	5010021	6,275.000	Ft
0480	Hand Patching	5010025	1,250.000	Ton
0490	HMA, 4E3	5010051	13,075.000	Ton
0500	HMA, 5E3	5010057	7,545.000	Ton
0510	HMA Approach	5010061	1,650.000	Ton
0520	_ Ride Incentive	5017060	33,750.000	Dlr
0530	Curb and Gutter, Conc, Det B2	8020016	532.000	Ft
0540	Guardrail, Type B	8070000	782.000	Ft
0550	Guardrail, Curved, Type B	8070010	32.000	Ft
0560	Guardrail, Backed, Det G2	8070016	2.000	Ea
0570	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0580	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
0590	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0600	Guardrail Reflector	8070080	48.000	Ea
0610	Post, Mailbox	8070095	42.000	Ea
0620	Delineator Reflector	8100130	14.000	Ea
0630	Post, Delineator	8100350	14.000	Ea
0640	Post, Steel, 3 lb	8100371	240.000	Ft
0650	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0660	Sign, Type III, Rem	8100403	8.000	Ea
0670	Reflective Panel for Permanent Sign Support, 3 foot	8100613	16.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0690	Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	8110052	2.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0710	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,440.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch,	8110252	7,440.000	Ft

	Yellow			
0730	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	72.000	Ft
0740	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	370.000	Ft
0750	Rem Spec Mrkg	8110343	235.000	Sft
0760	Recessing Pavement Markings, Longit	8110450	51,550.000	Ft
0770	Pavt Mrkg, Wet Retrflc Polyurea, 4 inch, White	8110500	250.000	Ft
0780	Pavt Mrkg, Wet Retrflc Polyurea, 6 inch, White	8110501	51,300.000	Ft
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0810	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0820	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Pavt Mrkg, Type NR, Paint, 4 inch, Yellow, Temp	8120221	3,750.000	Ft
0870	Pavt Mrkg, Type R, 4 inch, White, Temp	8120240	300.000	Ft
0880	Pavt Mrkg, Type R, 4 inch, Yellow, Temp	8120241	1,250.000	Ft
0890	Sign Cover	8120310	10.000	Ea
0900	Sign, Type B, Temp, Prismatic, Furn	8120350	1,248.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	1,248.000	Sft
0920	Traf Regulator Control	8120370	1.000	LSUM
0930	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	2.000	Ea
0940	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	2.000	Ea
0950	Riprap, Plain	8130010	200.000	Syd
0960	_ Turf Establishment, Performance-No Rye	8167011	29,000.000	Syd
0970	Monument Box	8210001	9.000	Ea
0980	Monument Preservation	8210010	9.000	Ea
0990	Centerline Corrugations, Milled, HMA	8220013	24,400.000	Ft
1000	Contractor Staking, Road Only	8240007	1.000	LSUM
1010	Staking Plan Errors and Extras, One Person	8240020	29.000	Hr
1020	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr
1030	Staking Plan Errors and Extras, Three Person	8240022	18.000	Hr
1040	_ Conc Parking Rail	8507001	160.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 1603 078

Letting Date: March 4, 2016

Contract ID: 22051-128695

Description: 1.30 mi of joint repairs, hot mix asphalt cold milling and resurfacing, aggregate shoulders, concrete curb and sidewalk ramp upgrades, and pavement markings on US-8 from Fairview Drive northerly to US-2 in the city of Norway, Dickinson County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128695A	STP 1622(003)	HK0843	ST 22051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$45,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	488.000	Ft
0030	Sidewalk, Rem	2040055	309.000	Syd
0040	Excavation, Earth	2050016	23.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0060	Shoulder, CI II	3070121	56.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0080	Pavt, Cleaning	5010001	1.000	LSUM
0090	Cold Milling HMA Surface	5010002	31,365.000	Syd
0100	HMA Quality Initiative	5010007	6,040.000	Dlr
0110	Longitudinal Joint Density Quality Initiative	5010018	7,886.000	Dlr
0120	Pavt Joint and Crack Repr, Det 7	5010020	2,068.000	Ft
0130	Pavt Joint and Crack Repr, Det 8	5010021	517.000	Ft
0140	Hand Patching	5010025	550.000	Ton
0150	HMA Approach	5010061	114.000	Ton
0160	HMA, LVSP	5010703	2,356.000	Ton
0170	Curb, Conc, Det E2	8020002	270.000	Ft
0180	Detectable Warning Surface	8030010	173.000	Ft
0190	Sidewalk Ramp, Conc, 4 inch	8030034	3,219.000	Sft
0200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	67.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	125.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,152.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	9,360.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	125.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,152.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	9,360.000	Ft

0270	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0280	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0290	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0300	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	1.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, High Intensity, Furn	8120250	70.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	70.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	_ Pavt Mrkg, Wet Retrlec Type NR, Paint, 4 inch, Yellow, Temp	8127001	600.000	Ft
0430	_ Pavt Mrkg, Wet Reflective Type R, Tape, Yellow, Temp	8127001	600.000	Ft
0440	_ Pedestrian Type II Barricade, Temp	8127050	12.000	Ea
0450	Fertilizer, Chemical Nutrient, CI A	8160020	18.000	Lb
0460	Mulch	8160025	374.000	Syd
0470	Mulch Anchoring	8160026	374.000	Syd
0480	Seeding, Mixture THM	8160039	17.000	Lb
0490	Topsoil Surface, Furn, 4 inch	8160062	374.000	Syd
0500	Protect Corners	8210020	1.000	Ea
0510	Centerline Corrugations, Milled, HMA	8220013	3,790.000	Ft
0520	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	7,580.000	Ft
0530	Gate Box, Adj, Case 1	8230431	4.000	Ea
0540	Contractor Staking, Road Only	8240007	1.000	LSUM
0550	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
0560	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0570	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr