

Schedule of Pay Items

Report v1

Letting Call: 181207 001

Letting Date: December 7, 2018

Contract ID: 13082-125865

Description: 4.79 mi of hot mix asphalt overlay, reconstruct roadway to maintain underclearance, replace cable barrier and guardrail, clearing, resurface a carpool lot and pavement markings on I-94 from 6-1/2 Mile Road to M-311 (11 Mile Road), Calhoun County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125865A	1801086	N/A	STI 13082
201976A	1900016	N/A	ST 13017

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$1,475,300.00	1500001	1.000	LSUM
0030	Clearing	2010001	26.200	Acre
0040	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	15.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0070	Curb and Gutter, Rem	2040020	994.000	Ft
0080	Guardrail, Rem	2040035	21,405.000	Ft
0090	Pavt, Rem	2040050	10,245.000	Syd
0100	_ Bollard, Rem	2047050	56.000	Ea
0110	Ditch Cleanout	2050006	25.000	Sta
0120	Embankment, CIP	2050010	415.000	Cyd
0130	Excavation, Earth	2050016	1,902.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0150	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0160	_ Station Grading	2057002	898.000	Sta
0170	_ Subgrade Undercutting, Modified	2057021	750.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	84.000	Ft
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	31.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	86.000	Ea
0220	Erosion Control, Silt Fence	2080036	21,562.000	Ft
0230	_ Permeable Runoff Structure	2087001	740.000	Ft
0240	Subbase, CIP	3010002	5,697.000	Cyd
0250	Aggregate Base, 6 inch	3020016	20,753.000	Syd

0260	Shoulder, CI II	3070121	35.000	Ton
0270	Shoulder, CI II, 3 inch	3070125	1,040.000	Syd
0280	Shoulder, CI II, 4 inch	3070126	325.000	Syd
0290	Shoulder, CI II, 6 inch	3070128	24,925.000	Syd
0300	Shoulder, CI II, 7 inch	3070129	145.000	Syd
0310	Culv End Sect, Conc, 12 inch	4010047	14.000	Ea
0320	Culv End Sect, Grate	4010083	564.000	Lb
0330	Culv End Sect, Metal, 18 inch	4010096	1.000	Ea
0340	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0350	Culv, CI A, 12 inch	4010131	24.000	Ft
0360	Culv, Downspout, 12 inch	4010795	120.000	Ft
0370	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0380	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	1.000	Ea
0390	Dr Marker Post	4011109	70.000	Ea
0400	_ Culvert Cleanout	4017001	2,309.000	Ft
0410	Underdrain, Subbase, 6 inch	4040063	1,239.000	Ft
0420	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0430	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0440	Cold Milling HMA Surface	5010002	13,090.000	Syd
0450	Bump Grinding	5010004	850.000	Syd
0460	HMA Surface, Rem	5010005	1,200.000	Syd
0470	HMA Quality Initiative	5010007	170,000.000	Dlr
0480	Pavt for Butt Joints, Rem	5010008	10,120.000	Syd
0490	Longitudinal Joint Density Quality Initiative	5010018	415,000.000	Dlr
0500	Pavt Joint and Crack Repr, Det 7	5010020	14,312.000	Ft
0510	Hand Patching	5010025	716.000	Ton
0520	HMA, 3E3	5010045	2,263.000	Ton
0530	HMA, 3E30	5010047	4,481.000	Ton
0540	HMA, 4E3	5010051	21,713.000	Ton
0550	HMA, 4E30	5010053	36,036.000	Ton
0560	HMA Approach	5010061	1,924.000	Ton
0570	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	18,325.000	Ton
0580	_ Ride Incentive	5017060	65,000.000	Dlr
0590	Reinforcement, Steel, Culv and Headwall	7060091	120.000	Lb
0600	Curb and Gutter, Conc, Det D2	8020031	1,432.000	Ft
0610	Downspout Header, Conc	8020070	3.000	Ea
0620	Spillway, Conc	8020075	9.000	Ft
0630	Guardrail, Type T	8070002	351.000	Ft
0640	Guardrail, Type MGS-8	8070004	19,878.000	Ft
0650	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0660	Guardrail Anch, Bridge, Det T4	8070025	28.000	Ea
0670	Guardrail Approach Terminal, Type 2M	8070044	29.000	Ea
0680	Guardrail Departing Terminal, Type T	8070051	11.000	Ea
0690	Guardrail Departing Terminal, Type MGS	8070052	16.000	Ea

0700	Guardrail Reflector	8070080	479.000	Ea
0710	Cable Barrier, High Tension, Rem	8070200	23,687.000	Ft
0720	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	2,377.000	Ea
0730	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	22.000	Ea
0740	Cable Barrier, Intermediate Line Post	8070251	100.000	Ea
0750	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	10.000	Ea
0760	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
0770	Cable Barrier, Socket, Conc Fdn	8070254	25.000	Ea
0780	Cable Barrier, Turnbuckle	8070256	5.000	Ea
0790	Cable Barrier, Reflector	8070257	100.000	Ea
0800	Cable Barrier, Excluder Cap	8070258	100.000	Ea
0810	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
0820	Cable Barrier, Cable Splice Kit	8070260	10.000	Ea
0830	Cable Barrier Terminal, Materials	8070261	1.000	Ea
0840	Cable Barrier, High Tension, Repair Labor	8070262	1,000.000	Dlr
0850	Cable Barrier, High Tension, Maintenance Kit	8070270	2.000	Ea
0860	_ Cable Barrier, High Tension, Special	8077001	23,663.000	Ft
0870	_ Cable Barrier Terminal, High Tension, Special	8077050	22.000	Ea
0880	Delineator Reflector, Red	8100131	49.000	Ea
0890	Delineator Reflector, Yellow	8100132	71.000	Ea
0900	Delineator Reflector, Green	8100133	75.000	Ea
0910	Delineator Reflector, White	8100134	197.000	Ea
0920	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	12.000	Ea
0930	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	16.000	Ea
0940	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	24.000	Ea
0950	Delineator, Rem	8100349	385.000	Ea
0960	Post, Flexible, Delineator	8100360	40.000	Ea
0970	Post, Rigid, Delineator	8100361	343.000	Ea
0980	Post, Steel, 3 lb	8100371	39.000	Ft
0990	Sign, Type III, Rem	8100403	4.000	Ea
1000	Sign, Type IIIA	8100404	5.000	Sft
1010	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
1020	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	122.000	Ft
1030	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,244.000	Ft
1040	Rem Spec Mrkg	8110343	24.000	Sft
1050	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1060	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Wet Reflective, White	8110380	13,648.000	Ft
1070	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	947.000	Ft
1080	Recessing Pavt Mrkg, Longit	8110450	114,820.000	Ft
1090	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	1,000.000	Ft
1100	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	55,545.000	Ft

1110	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	1,630.000	Ft
1120	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	54,860.000	Ft
1130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
1140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
1150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1170	Ltg for Night Work	8120160	1.000	LSUM
1180	Minor Traf Devices	8120170	1.000	LSUM
1190	Mobile Attenuator	8120180	1.000	Ea
1200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	127,800.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	121,455.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,000.000	Ft
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	31,580.000	Ft
1240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	21,510.000	Ft
1250	Plastic Drum, Fluorescent, Furn	8120252	324.000	Ea
1260	Plastic Drum, Fluorescent, Oper	8120253	324.000	Ea
1270	Sign Cover	8120310	10.000	Ea
1280	Sign Cover, Type 1	8120320	1.000	Ea
1290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1310	Sign, Type B, Temp, Prismatic, Furn	8120350	3,657.000	Sft
1320	Sign, Type B, Temp, Prismatic, Oper	8120351	3,657.000	Sft
1330	Riprap, Plain	8130010	34.000	Syd
1340	Fertilizer, Chemical Nutrient, CI A	8160020	13,190.000	Lb
1350	Mulch	8160025	113,285.000	Syd
1360	Mulch Anchoring	8160026	113,285.000	Syd
1370	Mulch Blanket	8160027	167,005.000	Syd
1380	Mulch Blanket, High Velocity	8160028	54,295.000	Syd
1390	Seeding, Mixture THV	8160040	16,460.000	Lb
1400	Topsoil Surface, Furn, 4 inch	8160062	359,770.000	Syd
1410	Topsoil Surface, Salv, 4 inch	8160077	359,770.000	Syd
1420	_ Geocellular Confinement System	8167011	640.000	Syd
1430	_ Mulch Blanket, High Velocity, Modified	8167011	16,450.000	Syd
1440	_ Mulch Blanket, Modified	8167011	6,440.000	Syd
1450	_ Turf Reinforcement Mat, Permanent	8167011	2,450.000	Syd
1460	Shoulder Corrugations, Ground or Cut, HMA	8220001	96,675.000	Ft
1470	Contractor Staking, Road Only	8240007	1.000	LSUM
1480	Staking Plan Errors and Extras, One Person	8240020	117.000	Hr
1490	Staking Plan Errors and Extras, Two Person	8240021	47.000	Hr
1500	Staking Plan Errors and Extras, Three Person	8240022	70.000	Hr

1510	_ Railroad Inspection and Flagging	8507060	25,000.000	Dir
1520	_ Railroad Protection	8507060	10,000.000	Dir



10/26/2018 8:36 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 002**Letting Date:** December 7, 2018**Contract ID:** 11053-128059

Description: Bridge rehabilitation including epoxy overlay, concrete curb, sidewalk and patching, mechanical, electrical, and structural steel repair on M-63 Blossomland Bascule Bridge and I-94BL Bicentennial Bascule Bridge over the St. Joseph River in the cities of Benton Harbor and St. Joseph, Berrien County. This project includes a 2 year bridge coating warranty and a 5 year performance warranty on thin epoxy bridge deck overlay.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128059A	1900015	N/A	NH 11053
128063A	1900019	N/A	NH 11013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	24,500.000	Dlr
0060	Mobilization, Max \$610,400.00	1500001	1.000	LSUM
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0080	Erosion Control, Silt Fence	2080036	690.000	Ft
0090	Erosion Control, Turbidity Curtain, Deep	2080042	460.000	Ft
0100	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	95.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	385.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	330.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	320.000	Ft
0140	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	715.000	Ft
0150	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	320.000	Ft
0160	Rem Curing Compound, for Spec Mrkg	8110321	95.000	Sft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	42.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	42.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0210	Ltg for Night Work	8120160	1.000	LSUM
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Mobile Attenuator	8120180	1.000	Ea

0240	Pavt Mrkg Cover, Type R, Black	8120200	400.000	Ft
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,035.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,800.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0310	Sign Cover, Type 1	8120320	1.000	Ea
0320	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	976.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	976.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	19.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	19.000	Sft
0380	Slope Restoration, Type B	8160101	100.000	Syd
0390	Contractor Staking	8240001	1.000	LSUM
0400	Staking Plan Errors and Extras, One Person	8240020	52.000	Hr
0410	Staking Plan Errors and Extras, Two Person	8240021	22.000	Hr
0420	Staking Plan Errors and Extras, Three Person	8240022	32.000	Hr

Section: 2

0430	_ Maintaining Navigation (B01 of 11053)	1077051	1.000	LSUM
0440	_ Maintaining Navigation (B05 of 11013)	1077051	1.000	LSUM
0450	Curb, Rem	2040021	6.000	Ft
0460	Sidewalk, Rem	2040055	4.000	Syd
0470	_ Remove and Dispose of Timber Piles	2047050	41.000	Ea
0480	Pile Driving Equipment, Furn (B01 of 11053)	7050002	1.000	LSUM
0490	Pile, Treated Timber, Furn	7050010	2,460.000	Ft
0500	Pile, Treated Timber, Driven	7050011	2,460.000	Ft
0510	Conc, Grade D	7060010	18.000	Cyd
0520	Expansion Joint Device	7060050	140.000	Ft
0530	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0540	False Decking	7060060	1,450.000	Sft
0550	Reinforcement, Steel, Epoxy Coated	7060092	6,369.000	Lb
0560	_ Strip Seal Gland Replacement	7067001	216.000	Ft
0570	Structural Steel, Plate, Erect	7070060	150.000	Lb
0580	Structural Steel, Plate, Furn and Fab	7070061	150.000	Lb
0590	Structural Steel, Rolled Shape, Erect	7070070	3,200.000	Lb
0600	Structural Steel, Rolled Shape, Furn and Fab	7070071	3,200.000	Lb
0610	_ Bearing, Elastomeric, with Bonded Sole Plate, 1 1/2 inch	7077008	400.000	Sin
0620	_ Bearing, Elastomeric, with Bonded Sole Plate, 2 1/2 inch	7077008	150.000	Sin
0630	_ Bearing, Elastomeric, with Bonded Sole Plate, 2 inch	7077008	128.000	Sin

0640	Hardware, Misc. (B01 of 11053)	7090010	1.000	LSUM
0650	Timber and Lumber, Treated, Furn and Place	7090030	2.000	TBF
0660	_ Silane Treatment	7107010	26,100.000	Sft
0670	Pipe Railing, Galv Steel	7110021	131.000	Ft
0680	Hand Chipping, Deep	7120004	99.000	Syd
0690	Hand Chipping, Other Than Deck	7120007	753.000	Cft
0700	Patch, Forming	7120017	1,134.000	Sft
0710	Epoxy Ovly, Rem	7120021	7,400.000	Syd
0720	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	1,175.000	Ea
0730	Bolt, Adhesive Anchored, 3/4 inch	7120042	128.000	Ea
0740	Bolt, Adhesive Anchored, 1 inch	7120044	28.000	Ea
0750	Structures, Rehabilitation, Rem Portions (B01 of 11053)	7120070	1.000	LSUM
0760	Structures, Rehabilitation, Rem Portions (B05 of 11013)	7120070	1.000	LSUM
0770	Deck Joint, Rem	7120071	139.000	Ft
0780	Reinforcement, Mechanical Splice	7120084	673.000	Ea
0790	Flushing Cracks, Water	7120098	574.000	Ft
0800	Structural Crack, Repr	7120099	574.000	Ft
0810	Patching Conc, C-L	7120112	31.000	Cyd
0820	Embedded Galvanic Anode	7120120	2,385.000	Ea
0830	_ Structural Crack, Historic, Repr	7127001	96.000	Ft
0840	_ Slip Resistant Steel Plate, Furn, Fab, and Erect	7127010	343.000	Sft
0850	_ Priority 1, Epoxy Ovly, Warranty	7127011	7,400.000	Syd
0860	_ Patching Conc, Historic	7127021	10.000	Cyd
0870	_ Bolt, Adhesive Anchored, 1 1/4 inch	7127050	14.000	Ea
0880	_ Conc Testing, Historic (B01 of 11053)	7127051	1.000	LSUM
0890	_ Railing Repairs, Miscellaneous	7127060	1,000.000	Dlr
0900	Beam Plate, Seal Perimeter	7130010	42,000.000	Ft
0910	Stiffeners, Furn, Fab, and Erect	7130060	610.000	Lb
0920	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,567.000	Lb
0930	Support, Column, Temp	7130080	1.000	Ea
0940	Support, Diaphragm, Temp	7130081	5.000	Ea
0950	_ Structural Steel, Retrofit, Furn, Fab, and Erect, Special	7137030	501.000	Lb
0960	Steel Structure, Cleaning, Partial, Type 4 (B01 of 11053)	7150047	1.000	LSUM
0970	Steel Structure, Cleaning, Partial, Type 4 (B05 of 11013)	7150047	1.000	LSUM
0980	Steel Structure, Coating, Partial, Type 4 (B01 of 11053)	7150048	1.000	LSUM
0990	Steel Structure, Coating, Partial, Type 4 (B05 of 11013)	7150048	1.000	LSUM
1000	_ Heating and Housing (B01 of 11053)	7157051	1.000	LSUM
1010	_ Heating and Housing (B05 of 11013)	7157051	1.000	LSUM
1020	Field Repair of Damaged Coating (B01 of 11053)	7160001	1.000	LSUM
1030	Field Repair of Damaged Coating (B05 of 11013)	7160001	1.000	LSUM

1040	_ Main Hydraulic Cylinder Bearing Replacement	8007050	4.000	Ea
1050	_ Rack Mounting Bolt Replacement	8007050	22.000	Ea
1060	_ Closed-Circuit Television System (B01 of 11053)	8007051	1.000	LSUM
1070	_ Diving Services (B01 of 11053)	8007051	1.000	LSUM
1080	_ Electrical Rehabilitation (B05 of 11013)	8007051	1.000	LSUM
1090	_ Fiber Reinforced Plastic Grating (B05 of 11013)	8007051	1.000	LSUM
1100	_ Intercom System (B01 of 11053)	8007051	1.000	LSUM
1110	_ Machinery Conduit Supports (B01 of 11053)	8007051	1.000	LSUM
1120	_ Machinery Room Doors (B01 of 11053)	8007051	1.000	LSUM
1130	_ Mechanical Rehabilitation (B01 of 11053)	8007051	1.000	LSUM
1140	_ Mechanical Rehabilitation (B05 of 11013)	8007051	1.000	LSUM
1150	_ Replace Operator House Windows (B05 of 11013)	8007051	1.000	LSUM
1160	_ Span Balancing (B01 of 11053)	8007051	1.000	LSUM
1170	_ Span Balancing (B05 of 11013)	8007051	1.000	LSUM
1180	Curb, Conc, Det E2	8020002	6.000	Ft
1190	Sidewalk, Conc, 4 inch	8030044	33.000	Sft
1200	_ Riprap, Under Structures, Class II	8137031	1,740.000	Ton
1210	_ Conduit and Utility Repairs (B01 of 11053)	8197051	1.000	LSUM
1220	_ Conduit and Utility Repairs (B05 of 11013)	8197051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 181207 003

Letting Date: December 7, 2018

Contract ID: 08052-123181

Description: Bridge replacement with prefabricated superstructure, approach work, concrete curb, gutter, sidewalk, cofferdams, steel piles, sewer, culvert, drainage, guardrail and pavement markings on M-66 over Quaker Brook in the village of Nashville, Barry County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123181A	1900018	N/A	ST 08052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$183,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.030	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0060	Dr Structure, Abandon	2030010	2.000	Ea
0070	Dr Structure, Rem	2030011	11.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	439.000	Ft
0090	Fence, Rem	2040025	51.000	Ft
0100	Guardrail, Rem	2040035	241.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0120	Pavt, Rem	2040050	2,834.000	Syd
0130	Sidewalk, Rem	2040055	170.000	Syd
0140	Exploratory Investigation, Vertical	2040080	50.000	Ft
0150	Embankment, CIP	2050010	485.000	Cyd
0160	Excavation, Earth	2050016	715.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0190	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0200	Erosion Control, Filter Bag	2080014	6.000	Ea
0210	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	36.000	Ea
0230	Erosion Control, Inlet Protection, Sediment Trap	2080024	5.000	Ea
0240	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0250	Erosion Control, Sand Bag	2080028	20.000	Ea
0260	Erosion Control, Silt Fence	2080036	1,340.000	Ft
0270	Erosion Control, Turbidity Curtain, Deep	2080042	250.000	Ft

0280	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0290	Subbase, CIP	3010002	1,349.000	Cyd
0300	Aggregate Base	3020001	111.000	Ton
0310	Aggregate Base, 6 inch	3020016	1,856.000	Syd
0320	Culv End Sect, 24 inch	4010024	1.000	Ea
0330	Culv, CI A, 12 inch	4010131	24.000	Ft
0340	Outfall Label	4011115	2.000	Ea
0350	Sewer, CI A, 12 inch, Tr Det B	4020033	244.000	Ft
0360	Sewer, CI A, 24 inch, Tr Det B	4020036	263.000	Ft
0370	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0380	Trench Undercut and Backfill	4021260	30.000	Cyd
0390	Video Taping Sewer and Culv Pipe	4021275	531.000	Ft
0400	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0410	Dr Structure Cover, Type B	4030010	2.000	Ea
0420	Dr Structure Cover, Type K	4030050	14.000	Ea
0430	Dr Structure, 48 inch dia	4030210	13.000	Ea
0440	Dr Structure, 60 inch dia	4030220	2.000	Ea
0450	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	12.000	Ft
0460	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	8.000	Ft
0470	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0480	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0490	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0500	Underdrain, Subbase, 6 inch	4040063	860.000	Ft
0510	Underdrain, Subgrade, 6 inch	4040073	60.000	Ft
0520	Cold Milling HMA Surface	5010002	1,322.000	Syd
0530	HMA Surface, Rem	5010005	1,728.000	Syd
0540	HMA Quality Initiative	5010007	1,198.000	Dlr
0550	Longitudinal Joint Density Quality Initiative	5010018	1,053.000	Dlr
0560	Hand Patching	5010025	18.000	Ton
0570	HMA, 4E1	5010050	304.000	Ton
0580	HMA, 5E1	5010056	213.000	Ton
0590	HMA Approach	5010061	64.000	Ton
0600	Joint, Expansion, E3	6020208	171.000	Ft
0610	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	149.000	Syd
0620	Conc, Grade S2	7060011	1.000	Cyd
0630	Reinforcement, Steel, Culv and Headwall	7060091	40.000	Lb
0640	_ Pedestrian Path, Temp	8007001	100.000	Ft
0650	_ Pedestrian Ramp, Temp	8007050	1.000	Ea
0660	Curb and Gutter, Conc, Det F3	8020037	80.000	Ft
0670	Curb and Gutter, Conc, Det F4	8020038	818.000	Ft
0680	Curb Ramp Opening, Conc	8030030	38.000	Ft
0690	Sidewalk Ramp, Conc, 6 inch	8030036	227.000	Sft
0700	Sidewalk, Conc, 4 inch	8030044	1,955.000	Sft

0710	_ Detectable Warning Surface, Cast Iron	8037001	25.000	Ft
0720	_ Sidewalk, Conc, 4 inch, Decorative	8037010	33.000	Sft
0730	Conc Barrier, Single Face, Type C	8040003	14.000	Ft
0740	Shared use Path, Aggregate	8060010	434.000	Ton
0750	Shared use Path, Grading	8060030	837.000	Ft
0760	Shared use Path, HMA	8060040	154.000	Ton
0770	Guardrail, Type B	8070000	25.000	Ft
0780	Guardrail, Curved, Type B	8070010	13.000	Ft
0790	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0800	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0810	Guardrail Reflector	8070080	10.000	Ea
0820	_ Hand Digging Guardrail Post	8077050	1.000	Ea
0830	Fence, Protective	8080007	100.000	Ft
0840	Fdn, Wood Support, Rem	8100280	8.000	Ea
0850	Post, Steel, 3 lb	8100371	274.000	Ft
0860	Post, Wood, 4 inch by 6 inch	8100380	46.000	Ft
0870	Post, Wood, 6 inch by 8 inch	8100382	120.000	Ft
0880	Sign, Type II, Rem	8100397	5.000	Ea
0890	Sign, Type IIA	8100398	14.000	Sft
0900	Sign, Type IIB	8100399	60.000	Sft
0910	Sign, Type III, Rem	8100403	35.000	Ea
0920	Sign, Type IIIA	8100404	12.000	Sft
0930	Sign, Type IIIB	8100405	186.000	Sft
0940	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	113.000	Ft
0950	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	80.000	Ft
0960	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	27.000	Ft
0970	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0980	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0990	Pavt Mrkg, Waterborne, 4 inch, White	8110231	201.000	Ft
1000	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,546.000	Ft
1010	Pavt Mrkg, Waterborne, 6 inch, White	8110233	769.000	Ft
1020	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	201.000	Ft
1030	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,546.000	Ft
1040	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	769.000	Ft
1050	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
1070	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
1080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	90.000	Ea
1090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	90.000	Ea
1100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1120	Minor Traf Devices	8120170	1.000	LSUM
1130	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,411.000	Ft

1140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	766.000	Ft
1150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	724.000	Ft
1160	Sign Cover	8120310	6.000	Ea
1170	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1180	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,447.000	Sft
1200	Sign, Type B, Temp, Prismatic, Oper	8120351	1,447.000	Sft
1210	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	223.000	Sft
1220	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	223.000	Sft
1230	Traf Regulator Control	8120370	1.000	LSUM
1240	Riprap, Plain	8130010	27.000	Syd
1250	_ Turf Establishment, Performance	8167011	2,393.000	Syd
1260	Light Std Fdn, Rem	8190280	1.000	Ea
1270	_ Conc Fdn, Special	8197050	1.000	Ea
1280	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
1290	Contractor Staking	8240001	1.000	LSUM
1300	Staking Plan Errors and Extras, One Person	8240020	14.000	Hr
1310	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
1320	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
1330	Flowable Fill, Non-Structural	8260148	36.000	Cyd

Section: 2

1340	Structures, Rem (B03 of 08052)	2040060	1.000	LSUM
1350	Backfill, Structure, CIP	2060002	1,770.000	Cyd
1360	Excavation, Fdn	2060010	2,694.000	Cyd
1370	Underdrain, Fdn, 4 inch	4040031	213.000	Ft
1380	Underdrain Outlet, 4 inch	4040091	50.000	Ft
1390	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1400	Cofferdams (B03 of 08052)	7040007	1.000	LSUM
1410	Cofferdams, Left in Place (B03 of 08052)	7040009	1.000	LSUM
1420	Pile Driving Equipment, Furn (B03 of 08052)	7050002	1.000	LSUM
1430	Pile, Steel, Furn and Driven, 12 inch	7050030	3,530.000	Ft
1440	Test Pile, Steel, 12 inch	7050031	4.000	Ea
1450	Pile Point, Steel	7050039	94.000	Ea
1460	Pile, Steel, Splice	7050050	4.000	Ea
1470	Conc, Grade T	7060013	419.000	Cyd
1480	False Decking	7060060	4,011.000	Sft
1490	Reinforcement, Steel, Epoxy Coated	7060092	46,978.000	Lb
1500	Substructure Conc, High Performance	7060101	424.000	Cyd
1510	Superstructure Conc, Form, Finish, and Cure (B03 of 08052)	7060111	1.000	LSUM
1520	Superstructure Conc, High Performance	7060116	16.000	Cyd
1530	_ Conc, Ultra High Performance	7067021	8.000	Cyd
1540	_ Prefabricated Superstructure, 46 foot	7087010	2,335.000	Sft

1550	Joint Waterproofing	7100001	216.000	Sft
1560	Joint Waterproofing, Expansion	7100003	142.000	Sft
1570	Conc Surface Coating (B03 of 08052)	7100010	1.000	LSUM
1580	Bridge Railing, 4 Tube	7110010	187.000	Ft
1590	Epoxy Ovly	7120020	244.000	Syd
1600	_ Riprap, Special, Class II	8137031	983.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 181207 004

Letting Date: December 7, 2018

Contract ID: 24011-120219

Description: 1.27 mi of hot mix asphalt reconstruction and realignment, concrete retaining wall reconstruction, drainage, sanitary and water main reconstruction, traffic signal work, guardrail and pavement markings on US-31 from the Mitchell Street Bridge to Fairview Avenue in the city of Petoskey, Emmet County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120219A	1900023	N/A	NH 24011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	3,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	7,500.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	3,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	3,500.000	Dlr
0060	_ Incentive, US-31, Stage 3	1047060	150,000.000	Dlr
0070	_ Incentive, US-31, Stage 3A	1047060	150,000.000	Dlr
0080	Critical Path Method Schedule	1080005	15,000.000	Dlr
0090	Mobilization, Max \$1,036,000.00	1500001	1.000	LSUM
0100	Clearing	2010001	0.480	Acre
0110	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0120	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0130	Tree, Rem, 6 inch to 18 inch	2020004	24.000	Ea
0140	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0150	Dr Structure, Rem	2030011	82.000	Ea
0160	Sewer, Rem, Less than 24 inch	2030015	7,418.000	Ft
0170	Sewer, Rem, 24 inch to 48 inch	2030016	1,676.000	Ft
0180	Curb and Gutter, Rem	2040020	13,435.000	Ft
0190	Fence, Rem	2040025	694.000	Ft
0200	Guardrail, Rem	2040035	3,688.000	Ft
0210	Masonry and Conc Structure, Rem	2040045	39.000	Cyd
0220	Pavt, Rem	2040050	20,492.000	Syd
0230	Sidewalk, Rem	2040055	3,368.000	Syd
0240	Exploratory Investigation, Vertical	2040080	20.000	Ft
0250	Embankment, CIP	2050010	6,240.000	Cyd
0260	Excavation, Earth	2050016	38,093.000	Cyd
0270	Non Haz Contaminated Material Handling and	2050031	100.000	Cyd

	Disposal, LM			
0280	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0290	_ Embankment, CIP, Special	2057021	805.000	Cyd
0300	Aggregate, 6A	2060001	28.000	Cyd
0310	Erosion Control, Check Dam, Stone	2080012	392.000	Ft
0320	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0330	Erosion Control, Inlet Protection, Fabric Drop	2080020	77.000	Ea
0340	Erosion Control, Inlet Protection, Sediment Trap	2080024	56.000	Ea
0350	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0360	Erosion Control, Sediment Trap	2080034	19.000	Ea
0370	Erosion Control, Silt Fence	2080036	2,660.000	Ft
0380	_ Straw Wattle	2087001	1,300.000	Ft
0390	Subbase, CIP	3010002	18,910.000	Cyd
0400	Aggregate Base, 6 inch	3020016	35,801.000	Syd
0410	Maintenance Gravel, LM	3060021	500.000	Cyd
0420	Approach, CI I, 6 inch	3070008	8,827.000	Syd
0430	Geotextile, Separator	3080005	214.000	Syd
0440	Culv End Sect, 12 inch	4010012	1.000	Ea
0450	Culv End Sect, 15 inch	4010015	2.000	Ea
0460	Culv End Sect, 18 inch	4010018	1.000	Ea
0470	Culv End Sect, 24 inch	4010024	1.000	Ea
0480	Dr Marker Post	4011109	2.000	Ea
0490	Sewer, CI A, 12 inch, Tr Det A	4020004	63.000	Ft
0500	Sewer, CI A, 12 inch, Tr Det B	4020033	2,680.000	Ft
0510	Sewer, CI A, 15 inch, Tr Det B	4020034	641.000	Ft
0520	Sewer, CI A, 18 inch, Tr Det B	4020035	1,864.000	Ft
0530	Sewer, CI A, 24 inch, Tr Det B	4020036	318.000	Ft
0540	Sewer, CI A, 42 inch, Tr Det B	4020039	1,462.000	Ft
0550	Sewer, CI E, 12 inch, Tr Det B	4020600	326.000	Ft
0560	Sewer, CI E, 15 inch, Tr Det B	4020601	74.000	Ft
0570	Sewer Tap, 8 inch	4021202	1.000	Ea
0580	Sewer Tap, 12 inch	4021204	3.000	Ea
0590	Sewer Tap, 15 inch	4021205	1.000	Ea
0600	Sewer Tap, 18 inch	4021206	1.000	Ea
0610	Sewer Tap, 24 inch	4021207	1.000	Ea
0620	Sewer Tap, 36 inch	4021209	2.000	Ea
0630	Sewer Tap, 42 inch	4021210	1.000	Ea
0640	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0650	Sewer Bulkhead, 24 inch	4021234	3.000	Ea
0660	Trench Undercut and Backfill	4021260	100.000	Cyd
0670	Video Taping Sewer and Culv Pipe	4021275	7,642.000	Ft
0680	_ Slotted Drain, Galv, 12 inch	4027001	175.000	Ft
0690	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0700	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0710	Dr Structure Cover, Type B	4030010	50.000	Ea

0720	Dr Structure Cover, Type D	4030025	3.000	Ea
0730	Dr Structure Cover, Type G	4030040	1.000	Ea
0740	Dr Structure Cover, Type J	4030045	1.000	Ea
0750	Dr Structure Cover, Type K	4030050	68.000	Ea
0760	Dr Structure Cover, Type Q	4030065	1.000	Ea
0770	Dr Structure, 24 inch dia	4030200	45.000	Ea
0780	Dr Structure, 48 inch dia	4030210	64.000	Ea
0790	Dr Structure, 60 inch dia	4030220	3.000	Ea
0800	Dr Structure, 72 inch dia	4030230	11.000	Ea
0810	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	11.000	Ft
0820	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	10.000	Ft
0830	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	13.000	Ft
0840	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0850	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0860	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0870	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0880	Underdrain, Pipe, Open-Graded, 4 inch	4040041	247.000	Ft
0890	Underdrain, Subbase, 6 inch	4040063	10,436.000	Ft
0900	_ Underdrain, Rem	4047001	1,200.000	Ft
0910	Cold Milling HMA Surface	5010002	21,022.000	Syd
0920	HMA Surface, Rem	5010005	28,249.000	Syd
0930	HMA Quality Initiative	5010007	22,082.000	Dlr
0940	Pavt for Butt Joints, Rem	5010008	110.000	Syd
0950	Longitudinal Joint Density Quality Initiative	5010018	36,680.000	Dlr
0960	Hand Patching	5010025	188.000	Ton
0970	HMA, 3E3	5010045	3,541.000	Ton
0980	HMA, 4E3, High Stress	5010509	2,953.000	Ton
0990	HMA, 5E3, High Stress	5010515	3,298.000	Ton
1000	HMA Approach, High Stress	5010520	1,249.000	Ton
1010	HMA, Temp Pavt (3E3)	5010804	160.000	Ton
1020	HMA, Temp Pavt (4E3)	5010805	110.000	Ton
1030	Conc Pavt, Curing Horizontal Surfaces	6020159	11,338.000	Syd
1040	Joint, Contraction Cp, Intersection	6020250	2,950.000	Ft
1050	Joint, Expansion E2, Intersection	6020270	80.000	Ft
1060	Conc Quality Initiative	6020401	2,017.000	Dlr
1070	Conc Pavt, Nonreinf, 9 inch, High Performance	6020502	8,067.000	Syd
1080	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	1,741.000	Syd
1090	_ Header Strip, Conc, 18 inch Wide	6027001	360.000	Ft
1100	_ Joint, Contraction, Cp, Modified	6027001	4,667.000	Ft
1110	_ Joint, Expansion, E2, Modified	6027001	540.000	Ft
1120	_ Joint, Expansion, E3, Modified	6027001	40.000	Ft
1130	_ Conc Pavt, Reinf, 12 inch, High Performance, Special	6027011	967.000	Syd

1140	_ Conc Pavt, Reinf, 9 inch, High Performance, Special	6027011	480.000	Syd
1150	Cement	6030005	3.000	Ton
1160	_ High Performance Biaxial Geogrid	7007011	3,600.000	Syd
1170	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	83.000	Syd
1180	Hand Chipping, Other Than Deck	7120007	1.000	Cft
1190	Patching Conc, F-L	7120114	1.000	Cyd
1200	Coating Galvanized Support Structures	7160010	5.000	Ea
1210	_ Pedestrian Path, Temp	8007001	300.000	Ft
1220	_ Modular Block Wall	8007010	290.000	Sft
1230	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1240	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
1250	_ Roadside Unit, Intersection	8007050	1.000	Ea
1260	Driveway, Nonreinf Conc, 6 inch	8010005	152.000	Syd
1270	Curb, Conc, Det E4	8020004	89.000	Ft
1280	Curb and Gutter, Bridge Approach	8020010	112.000	Ft
1290	Curb and Gutter, Conc, Det B1	8020015	224.000	Ft
1300	Curb and Gutter, Conc, Det C1	8020020	75.000	Ft
1310	Curb and Gutter, Conc, Det C3	8020022	3,254.000	Ft
1320	Curb and Gutter, Conc, Det C4	8020023	11,226.000	Ft
1330	Driveway Opening, Conc, Det M	8020050	748.000	Ft
1340	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
1350	Spillway, Conc	8020075	16.000	Ft
1360	_ Curb and Gutter, Conc, Det C4, Colored	8027001	359.000	Ft
1370	_ Curb and Gutter, Conc, Det C4, Modified	8027001	524.000	Ft
1380	_ Curb and Gutter, Conc, Spec Det	8027001	1,817.000	Ft
1390	_ Planter Curb	8027001	448.000	Ft
1400	Curb Ramp Opening, Conc	8030030	773.000	Ft
1410	Sidewalk Ramp, Conc, 4 inch	8030034	5,070.000	Sft
1420	Sidewalk Ramp, Conc, 6 inch	8030036	3,387.000	Sft
1430	Sidewalk, Conc, 4 inch	8030044	22,668.000	Sft
1440	Sidewalk, Conc, 6 inch	8030046	20,261.000	Sft
1450	_ Detectable Warning Surface, Cast Iron	8037001	434.000	Ft
1460	_ Sidewalk Ramp, Conc, 6 inch, Colored	8037010	88.000	Sft
1470	_ Sidewalk, Brick Pavers on Conc and Sand Bed	8037010	470.000	Sft
1480	_ Sidewalk, Conc, 4 inch, Colored	8037010	124.000	Sft
1490	_ Brick Pavers, Rem	8037011	53.000	Syd
1500	Curb Sloped, HMA	8050010	116.000	Ft
1510	Guardrail, Type MGS-8	8070004	2,917.000	Ft
1520	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
1530	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
1540	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
1550	Guardrail Reflector	8070080	132.000	Ea
1560	Post, Mailbox	8070095	2.000	Ea
1570	Guardrail, Reconst, Type T	8070109	25.000	Ft
1580	_ Guardrail, Type MGS-8, Temp	8077001	38.000	Ft

1590	_ Guardrail Approach Terminal, Type 2M, Temp	8077050	1.000	Ea
1600	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
1610	Fence, Woven Wire with Wood Post	8080001	1,008.000	Ft
1620	Fence, Protective	8080007	650.000	Ft
1630	Field Office, CI 2	8090002	9.000	Mo
1640	Field Office, Utility Fees	8090010	1,000.000	Dlr
1650	Delineator Reflector, Green	8100133	4.000	Ea
1660	Fdn, Wood Support, Rem	8100280	30.000	Ea
1670	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
1680	Delineator, Rem	8100349	2.000	Ea
1690	Post, Rigid, Delineator	8100361	4.000	Ea
1700	Post, Steel, 3 lb	8100371	470.000	Ft
1710	Post, Wood, 4 inch by 6 inch	8100380	246.000	Ft
1720	Sign, Type II, Erect, Salv	8100396	9.000	Ea
1730	Sign, Type II, Rem	8100397	16.000	Ea
1740	Sign, Type III, Erect, Salv	8100402	33.000	Ea
1750	Sign, Type III, Rem	8100403	51.000	Ea
1760	Sign, Type IIIB	8100405	62.000	Sft
1770	Mast Arm Pole, Cat III	8100512	4.000	Ea
1780	Mast Arm, 30 foot, Cat III	8100542	1.000	Ea
1790	Mast Arm, 35 foot, Cat III	8100543	1.000	Ea
1800	Mast Arm, 40 foot, Cat III	8100544	1.000	Ea
1810	Mast Arm, 50 foot, Cat III	8100546	1.000	Ea
1820	Mast Arm Pole Fdn, 6 Bolt	8100550	56.000	Ft
1830	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1.000	Ea
1840	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	360.000	Ft
1850	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	540.000	Ft
1860	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
1870	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
1880	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
1890	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
1900	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	915.000	Ft
1910	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	598.000	Ft
1920	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,995.000	Ft
1930	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,400.000	Ft
1940	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,390.000	Ft
1950	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	105.000	Ft
1960	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	380.000	Ft
1970	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	4,494.000	Ft
1980	Rem Curing Compound, for Spec Mrkg	8110321	1,102.000	Sft
1990	Rem Spec Mrkg	8110343	400.000	Sft
2000	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
2010	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch,	8110425	480.000	Ft

	White			
2020	Recessing Pavt Mrkg, Longit	8110450	19,855.000	Ft
2030	Recessing Pavt Mrkg, Turning Guide Line	8110452	13.000	Sft
2040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	28.000	Ea
2050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	28.000	Ea
2060	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
2070	Pedestrian Type II Channelizer, Temp	8120027	600.000	Ft
2080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
2090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
2100	Ltg for Night Work	8120160	1.000	LSUM
2110	Minor Traf Devices	8120170	1.000	LSUM
2120	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	12,000.000	Ft
2130	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
2140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,100.000	Ft
2150	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,800.000	Ft
2160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
2170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
2180	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
2190	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
2200	PTS System, Temp, Furn	8120270	1.000	Ea
2210	PTS System, Temp, Oper	8120271	1.000	Ea
2220	Sign Cover	8120310	20.000	Ea
2230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
2240	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
2250	Sign, Type A, Temp, Prismatic, Furn	8120340	178.000	Sft
2260	Sign, Type A, Temp, Prismatic, Oper	8120341	178.000	Sft
2270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,608.000	Sft
2280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,608.000	Sft
2290	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	147.000	Sft
2300	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	147.000	Sft
2310	Traf Regulator Control	8120370	1.000	LSUM
2320	Riprap, Plain	8130010	50.000	Syd
2330	Slope Paving, Conc	8130020	26.000	Syd
2340	Site Preparation, Max \$34,400.00	8150001	1.000	LSUM
2350	Watering and Cultivating, First Season, Min \$16,700.00	8150002	1.000	LSUM
2360	Watering and Cultivating, Second Season, Min \$20,700.00	8150003	1.000	LSUM
2370	Acer rubrum, 2 inch	8150149	14.000	Ea
2380	Celtis occidentalis, 2 inch	8150780	4.000	Ea
2390	Diervilla lonicera, #5 cont.	8151220	240.000	Ea

2400	Nepeta x faassenii Walkers Low, #2 cont.	8152497	1,097.000	Ea
2410	Physocarpus opulifolius, #3 cont.	8152725	167.000	Ea
2420	Picea pungens, 6 foot	8152802	5.000	Ea
2430	Pinus nigra, 6 foot	8152843	12.000	Ea
2440	Rhus aromatica Gro-Low, #3 cont.	8153167	126.000	Ea
2450	Syringa vulgaris, #5 cont.	8153730	58.000	Ea
2460	Tilia cordata, 2 inch	8153865	5.000	Ea
2470	Ulmus x Pioneer, 2 inch	8153963	13.000	Ea
2480	Viburnum dentatum, #5 cont.	8154042	155.000	Ea
2490	_ Prepared Soil	8157021	189.000	Cyd
2500	_ Shredded Bark Mulch	8157021	51.000	Cyd
2510	_ Picea pungens 'Glauca', 6 foot	8157050	4.000	Ea
2520	_ Turf Establishment, Performance	8167011	33,032.000	Syd
2530	Cable Pole, TS, Dismant	8190010	2.000	Ea
2540	Cable, Sec, Rem	8190017	90.000	Ft
2550	Conduit, DB, 1, 1 1/2 inch	8190027	82.000	Ft
2560	Conduit, DB, 1, 3 inch	8190029	12.000	Ft
2570	Conduit, DB, 3, 3 inch	8190035	43.000	Ft
2580	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
2590	Conduit, Rem	8190140	207.000	Ft
2600	Conduit, Schedule 80 PVC, 4 inch	8190161	54.000	Ft
2610	Hh, Rem	8190254	4.000	Ea
2620	Hh, Round, 3 foot dia	8190259	1.000	Ea
2630	Hh, Round	8190260	3.000	Ea
2640	Cable, Sec, 600V, 1, 3/C#6	8190399	75.000	Ft
2650	Wood Pole, Rem	8190505	4.000	Ea
2660	Conduit, Directional Bore, 2, 3 inch	8190604	225.000	Ft
2670	Case Sign, Rem	8200020	2.000	Ea
2680	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
2690	Controller and Cabinet, Rem	8200030	2.000	Ea
2700	Controller and Cabinet, Digital Type	8200031	1.000	Ea
2710	Controller Fdn, Base Mount	8200045	1.000	Ea
2720	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2730	Pedestal, Alum	8200100	1.000	Ea
2740	Pedestal, Fdn	8200105	4.000	Ea
2750	Pedestal Fdn, Rem	8200106	1.000	Ea
2760	Pedestal, Rem	8200110	1.000	Ea
2770	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
2780	Pedestal, Underground Serv, Rem	8200113	1.000	Ea
2790	Pushbutton and Sign	8200121	5.000	Ea
2800	Pushbutton, Rem	8200122	3.000	Ea
2810	Pushbutton Pedestal, Alum	8200123	1.000	Ea
2820	Serv Disconnect	8200135	2.000	Ea
2830	Serv Disconnect, Rem	8200136	3.000	Ea
2840	Span Wire, Rem	8200141	3.000	Ea

2850	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
2860	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
2870	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2880	TS, Span Wire Mtd, Rem	8200182	3.000	Ea
2890	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
2900	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	3.000	Ea
2910	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
2920	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
2930	Wireless Vehicle Sensor Node, Rem	8200426	21.000	Ea
2940	Wireless Vehicle Sensor Node, Salv	8200427	21.000	Ea
2950	Hemispherical Video Detection Camera	8200444	1.000	Ea
2960	Hemispherical Video Detection System	8200445	1.000	Ea
2970	TS Face, Bag	8200458	32.000	Ea
2980	TS Face, Bag, Rem	8200459	32.000	Ea
2990	Casing	8200480	42.000	Ft
3000	Cellular Modem, TS, 4G	8200498	1.000	Ea
3010	_ St Name Sign, Two Way, (LED), 6 foot	8207050	2.000	Ea
3020	_ St Name Sign, Two Way, (LED), 8 foot	8207050	1.000	Ea
3030	Monument Box	8210001	1.000	Ea
3040	Monument Preservation	8210010	1.000	Ea
3050	Fire Hydrant	8230040	7.000	Ea
3060	Gate Valve and Box, 4 inch	8230050	3.000	Ea
3070	Gate Valve and Box, 6 inch	8230051	7.000	Ea
3080	Gate Valve and Box, 8 inch	8230052	8.000	Ea
3090	Gate Valve and Box, 12 inch	8230054	8.000	Ea
3100	Hydrant, Rem	8230091	4.000	Ea
3110	Hydrant, Relocate, Case 2	8230096	1.000	Ea
3120	Water Main, DI, 6 inch, Tr Det F	8230150	58.000	Ft
3130	Water Main, DI, 6 inch, Tr Det G	8230151	35.000	Ft
3140	Water Main, DI, 8 inch, Tr Det F	8230155	614.000	Ft
3150	Water Main, DI, 8 inch, Tr Det G	8230156	267.000	Ft
3160	Water Main, DI, 12 inch, Tr Det F	8230165	879.000	Ft
3170	Water Main, DI, 12 inch, Tr Det G	8230166	589.000	Ft
3180	Water Serv	8230240	12.000	Ea
3190	Water Serv, Long	8230245	1.000	Ea
3200	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
3210	Gate Box, Adj, Case 1	8230431	8.000	Ea
3220	Gate Box, Adj, Case 2	8230432	1.000	Ea
3230	_ Water Main, DI, 4 inch, Tr Det F	8237001	18.000	Ft
3240	_ Water Main, DI, 4 inch, Tr Det G	8237001	19.000	Ft
3250	Contractor Staking	8240001	1.000	LSUM
3260	Staking Plan Errors and Extras, One Person	8240020	85.000	Hr
3270	Staking Plan Errors and Extras, Two Person	8240021	34.000	Hr

3280	Staking Plan Errors and Extras, Three Person	8240022	51.000	Hr
3290	_ Sanitary Sewer, PVC, 12 inch, Tr Det F	8257001	159.000	Ft
3300	_ Sanitary Sewer, PVC, 12 inch, Tr Det G	8257001	2,478.000	Ft
3310	_ Sanitary Sewer, PVC, 8 inch, Tr Det F	8257001	125.000	Ft
3320	_ Sanitary Sewer, PVC, 8 inch, Tr Det G	8257001	59.000	Ft
3330	_ Sanitary Structure, Add Depth of, 60 inch dia, 8 foot to 15 foot	8257001	5.000	Ft
3340	_ Sanitary Structure Cover, Type Q	8257050	13.000	Ea
3350	_ Sanitary Structure, 60 inch dia	8257050	13.000	Ea
3360	_ Sanitary Structure, Rem	8257050	15.000	Ea
3370	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3380	Flowable Fill, Non-Structural	8260148	10.000	Cyd

Section: 2

3390	Backfill, Structure, CIP	2060002	2,535.000	Cyd
3400	Excavation, Fdn	2060010	864.000	Cyd
3410	_ Backfill, Structure, Special	2067021	704.000	Cyd
3420	_ Geotextile Blanket	3087011	29.000	Syd
3430	_ Geotextile, Separator, Non-Woven	3087011	432.000	Syd
3440	Sewer Tap, 6 inch	4021201	3.000	Ea
3450	Underdrain, Fdn, 6 inch	4040033	859.000	Ft
3460	Underdrain Outlet, 6 inch	4040093	77.000	Ft
3470	Steel Sheet Piling, Temp	7040002	187.000	Sft
3480	_ Obstruction Rem	7057060	50,000.000	Dlr
3490	Conc, Grade S2	7060011	456.000	Cyd
3500	Reinforcement, Steel, Epoxy Coated	7060092	57,519.000	Lb
3510	_ Simulated Stone Masonry	7067011	896.000	Syd
3520	Conc Surface Coating (W01 of 24011)	7100010	1.000	LSUM
3530	Bridge Barrier Railing, Type 5, High Performance	7110016	173.000	Ft
3540	Temp Casing-Left in Place	7180121	428.000	Ft
3550	_ Drilled Shaft, Standard, 36 inch	7187001	570.000	Ft
3560	_ Drilled Shaft, Standard, 39 inch	7187001	428.000	Ft
3570	_ Drilled Shaft Equipment, Furn, Special (W01 of 24011)	7187051	1.000	LSUM
3580	_ Soldier Pile Wall, Furn and Install	8007010	8,508.000	Sft
3590	_ Ground Anchor Test, Extended Creep	8007050	1.000	Ea
3600	_ Ground Anchor Test, Performance	8007050	2.000	Ea
3610	_ Ground Anchor Test, Proof	8007050	112.000	Ea
3620	_ Ground Anchor, Permanent	8007050	56.000	Ea
3630	_ Ground Anchor Equipment, Furn (W01 of 24011)	8007051	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 005**Letting Date:** December 7, 2018**Contract ID:** 52042-119937

Description: 0.79 mi of hot mix asphalt reconstruction includes widening, construction of roundabouts, and non-motorized shared use path, concrete pavement, curb, gutter, sidewalk and precast box culvert, earthwork, aggregate base, roadway lighting, water main, sanitary and storm sewer, signing and pavement markings on US-41 at various locations, Marquette County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119937A	1900033	N/A	NH 52042
124489A	1900034	N/A	HSIP 52042
201575A	1900035	N/A	TAUL 52042
202665A	1900030	N/A	HRRR 52000
202666A	1900029	N/A	HSIP 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$879,000.00	1500001	1.000	LSUM
0030	Clearing	2010001	1.800	Acre
0040	Tree, Rem, 6 inch to 18 inch	2020004	21.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	16.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	12.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	5.000	Ea
0090	Dr Structure, Rem	2030011	39.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	3,921.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	228.000	Ft
0120	Curb and Gutter, Rem	2040020	5,228.000	Ft
0130	Fence, Rem	2040025	124.000	Ft
0140	Guardrail, Rem	2040035	1,896.000	Ft
0150	Pavt, Rem	2040050	21,739.000	Syd
0160	Exploratory Investigation, Vertical	2040080	20.000	Ft
0170	Embankment, CIP	2050010	32,353.000	Cyd
0180	Excavation, Earth	2050016	71,325.000	Cyd
0190	Excavation, Rock	2050018	500.000	Cyd
0200	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0210	Subgrade Undercutting, Type I	2050040	1,000.000	Cyd

0220	Subgrade Undercutting, Type II	2050041	2,100.000	Cyd
0230	Erosion Control, Check Dam, Stone	2080012	880.000	Ft
0240	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0250	Erosion Control, Inlet Protection, Fabric Drop	2080020	57.000	Ea
0260	Erosion Control, Inlet Protection, Sediment Trap	2080024	18.000	Ea
0270	Erosion Control, Maintenance, Sediment Removal	2080026	70.000	Cyd
0280	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0290	Erosion Control, Sediment Trap	2080034	44.000	Ea
0300	Erosion Control, Silt Fence	2080036	5,316.000	Ft
0310	Subbase, CIP	3010002	35,197.000	Cyd
0320	Aggregate Base, 6 inch	3020016	45,396.000	Syd
0330	Aggregate Base, 8 inch	3020020	12,477.000	Syd
0340	Aggregate Base, 9 inch	3020022	10,976.000	Syd
0350	Maintenance Gravel	3060020	200.000	Ton
0360	Shoulder, CI II, 3 inch	3070125	2,240.000	Syd
0370	Shoulder, CI II, 4 inch, Temp	3070181	729.000	Syd
0380	Culv End Sect, 12 inch	4010012	6.000	Ea
0390	Culv End Sect, 18 inch	4010018	16.000	Ea
0400	Culv End Sect, 24 inch	4010024	7.000	Ea
0410	Culv End Sect, 30 inch	4010030	1.000	Ea
0420	Culv, CI A, 18 inch	4010133	321.000	Ft
0430	Culv, CI E, 30 inch	4010543	107.000	Ft
0440	Culv, CI F, 18 inch	4010609	207.000	Ft
0450	Culv, CI F, 24 inch	4010610	212.000	Ft
0460	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	3.000	Ea
0470	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	7.000	Ea
0480	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0490	Culv, Slp End Sect, 1 on 4, 30 inch, Longit	4010927	1.000	Ea
0500	Outfall Label	4011115	3.000	Ea
0510	_ Culv End Sect, 48 inch	4017050	1.000	Ea
0520	Sewer, CI A, 12 inch, Tr Det A	4020004	40.000	Ft
0530	Sewer, CI A, 24 inch, Tr Det A	4020007	23.000	Ft
0540	Sewer, CI A, 30 inch, Tr Det A	4020008	36.000	Ft
0550	Sewer, CI A, 12 inch, Tr Det B	4020033	3,240.000	Ft
0560	Sewer, CI A, 15 inch, Tr Det B	4020034	133.000	Ft
0570	Sewer, CI A, 18 inch, Tr Det B	4020035	1,712.000	Ft
0580	Sewer, CI A, 24 inch, Tr Det B	4020036	518.000	Ft
0590	Sewer, CI B, 18 inch, Tr Det A	4020155	160.000	Ft
0600	Sewer, CI B, 24 inch, Tr Det A	4020156	112.000	Ft
0610	Sewer, CI B, 30 inch, Tr Det A	4020157	16.000	Ft
0620	Sewer, CI B, 24 inch, Tr Det B	4020186	36.000	Ft
0630	Sewer, CI D, 48 inch, Tr Det A	4020457	97.000	Ft
0640	Sewer, CI E, 24 inch, Tr Det B	4020603	56.000	Ft
0650	Sewer, CI II, 18 inch, Tr Det B	4020751	4.000	Ft
0660	Video Taping Sewer and Culv Pipe	4021275	5,114.000	Ft

0670	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0680	Dr Structure Cover, Adj, Case 2	4030006	8.000	Ea
0690	Dr Structure Cover, Type B	4030010	18.000	Ea
0700	Dr Structure Cover, Type C	4030015	1.000	Ea
0710	Dr Structure Cover, Type D	4030025	1.000	Ea
0720	Dr Structure Cover, Type G	4030040	7.000	Ea
0730	Dr Structure Cover, Type J	4030045	32.000	Ea
0740	Dr Structure Cover, Type K	4030050	13.000	Ea
0750	Dr Structure Cover, Type Q	4030065	29.000	Ea
0760	Dr Structure Cover, Type W	4030080	12.000	Ea
0770	Dr Structure, 24 inch dia	4030200	15.000	Ea
0780	Dr Structure, 48 inch dia	4030210	62.000	Ea
0790	Dr Structure, 60 inch dia	4030220	4.000	Ea
0800	Dr Structure, 72 inch dia	4030230	2.000	Ea
0810	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	94.000	Ft
0820	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	19.000	Ft
0830	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	20.000	Ft
0840	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	3.000	Ft
0850	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	35.000	Ft
0860	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	34.000	Ft
0870	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0880	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0890	Dr Structure, Temp Lowering	4030390	1.000	Ea
0900	Underdrain, Subbase, 6 inch	4040063	18,163.000	Ft
0910	Underdrain Outlet, 6 inch	4040093	3,390.000	Ft
0920	Underdrain, Outlet Ending, 6 inch	4040113	71.000	Ea
0930	HMA Surface, Rem	5010005	60,540.000	Syd
0940	HMA Quality Initiative	5010007	36,800.000	Dlr
0950	Longitudinal Joint Density Quality Initiative	5010018	58,600.000	Dlr
0960	Hand Patching	5010025	20.000	Ton
0970	HMA, 3E3	5010045	6,057.000	Ton
0980	HMA Approach	5010061	947.000	Ton
0990	HMA, 4E3, High Stress	5010509	4,030.000	Ton
1000	HMA, 5E3, High Stress	5010515	3,011.000	Ton
1010	HMA, LVSP	5010703	4,115.000	Ton
1020	_ Ride Incentive	5017060	8,000.000	Dlr
1030	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	117.000	Syd
1040	Conc Quality Initiative	6020401	300.000	Dlr
1050	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	1,090.000	Syd
1060	_ High Performance Biaxial Geogrid	7007011	10,422.000	Syd
1070	Conc, Grade S2	7060011	56.000	Cyd

1080	Reinforcement, Steel, Culv and Headwall	7060091	213.000	Lb
1090	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	8007001	1,140.000	Ft
1100	_ Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8007001	37.000	Ft
1110	_ Sanitary Structure, Add Depth of 48 inch dia, more than 15 foot	8007001	34.000	Ft
1120	_ Sanitary Structure Cover, Type Q	8007050	17.000	Ea
1130	_ Sanitary Structure, 48 inch dia	8007050	6.000	Ea
1140	_ Sanitary Structure, 72 inch dia	8007050	1.000	Ea
1150	_ Sanitary Structure, Rem	8007050	4.000	Ea
1160	_ Sanitary Sewer Bypass Pumping	8007051	1.000	LSUM
1170	Curb, Conc, Det E1	8020001	552.000	Ft
1180	Curb, Conc, Det E2	8020002	518.000	Ft
1190	Curb and Gutter, Conc, Det B1	8020015	89.000	Ft
1200	Curb and Gutter, Conc, Det B2	8020016	7,205.000	Ft
1210	Curb and Gutter, Conc, Det D2	8020031	907.000	Ft
1220	Curb and Gutter, Conc, Det F2	8020036	52.000	Ft
1230	Curb and Gutter, Conc, Det F4	8020038	824.000	Ft
1240	Driveway Opening, Conc, Det M	8020050	425.000	Ft
1250	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
1260	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
1270	Shoulder Gutter, Conc, Det 3	8020057	5.000	Ea
1280	Spillway, Conc	8020075	302.000	Ft
1290	_ Curb and Gutter, Conc, Det F4, Modified	8027001	3,471.000	Ft
1300	_ Valley Gutter, Conc, Modified	8027001	75.000	Ft
1310	Detectable Warning Surface	8030010	280.000	Ft
1320	Sidewalk Ramp, Conc, 4 inch	8030034	4,421.000	Sft
1330	Sidewalk, Conc, 4 inch	8030044	16,369.000	Sft
1340	_ Sidewalk, Conc, 4 inch, Decorative	8037010	30,537.000	Sft
1350	_ Sidewalk, Conc, 9 inch, Decorative	8037010	5,369.000	Sft
1360	Conc Barrier, Single Face, Type A	8040001	75.000	Ft
1370	_ Shared Use Path, HMA Snowmobile Wearing Cse - Special	8067031	282.000	Ton
1380	Guardrail, Type MGS-8	8070004	1,961.000	Ft
1390	Guardrail, Curved, Type B	8070010	214.000	Ft
1400	Guardrail, Curved, Type MGS-8	8070012	242.000	Ft
1410	Guardrail, Backed, Det G2	8070016	1.000	Ea
1420	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
1430	Guardrail Anchored in Backslope, Type 4MGS-8	8070034	1.000	Ea
1440	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
1450	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
1460	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
1470	Guardrail Reflector	8070080	100.000	Ea
1480	Guardrail Anch Bridge, Det T2, Modified	8070122	1.000	Ea
1490	_ Guardrail Long Span, Det MGS-2	8077050	1.000	Ea
1500	Fence, Chain Link, 42 inch	8080010	115.000	Ft

1510	_ Fence, Rustic Split Rail	8087001	650.000	Ft
1520	Fdn, Wood Support, Rem	8100280	20.000	Ea
1530	Post Hole Through Conc for Wood Post	8100341	36.000	Ea
1540	Post, Steel, 3 lb	8100371	2,158.000	Ft
1550	Post, Wood, 4 inch by 6 inch	8100380	827.000	Ft
1560	Post, Wood, 6 inch by 8 inch	8100382	72.000	Ft
1570	Sign, Type II, Rem	8100397	3.000	Ea
1580	Sign, Type IIA	8100398	38.000	Sft
1590	Sign, Type IIB	8100399	86.000	Sft
1600	Sign, Type III, Rem	8100403	28.000	Ea
1610	Sign, Type IIIA	8100404	224.000	Sft
1620	Sign, Type IIIB	8100405	905.000	Sft
1630	Sign, Type VB	8100425	124.000	Sft
1640	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
1650	Reflective Panel for Permanent Sign Support, 6 foot	8100616	34.000	Ea
1660	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,178.000	Ft
1670	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	440.000	Ft
1680	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,000.000	Ft
1690	Pavt Mrkg, Polyurea, 12 inch, White	8110111	578.000	Ft
1700	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	102.000	Ft
1710	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,632.000	Ft
1720	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,580.000	Ft
1730	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,432.000	Ft
1740	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	13,230.000	Ft
1750	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	28.000	Ea
1760	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	14.000	Ea
1770	Pavt Mrkg, Polyurea, Only	8110410	10.000	Ea
1780	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	26.000	Ea
1790	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	8.000	Ea
1800	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	18.000	Ea
1810	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	8.000	Ea
1820	Recessing Pavt Mrkg, Longit	8110450	33,937.000	Ft
1830	Recessing Pavt Mrkg, Transv	8110451	1,537.000	Sft
1840	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
1850	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
1860	Barricade, Type III, High Intensity, Lighted, Furn	8120022	88.000	Ea
1870	Barricade, Type III, High Intensity, Lighted, Oper	8120023	88.000	Ea
1880	Conc Barrier Ending, Temp, Detail 4, Furn	8120051	7.000	Ea
1890	Conc Barrier Ending, Temp, Detail 4, Oper	8120052	7.000	Ea
1900	Conc Barrier Ending, Temp, Detail 4, Relocated	8120053	17.000	Ea
1910	Conc Barrier, Temp, Furn	8120081	1,500.000	Ft
1920	Conc Barrier, Temp, Oper	8120082	1,500.000	Ft
1930	Conc Barrier, Temp, Relocated	8120083	4,343.000	Ft

1940	Tubular Marker	8120097	299.000	Ea
1950	Tubular Marker, Replacement	8120098	77.000	Ea
1960	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1970	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1980	Ltg for Night Work	8120160	1.000	LSUM
1990	Minor Traf Devices	8120170	1.000	LSUM
2000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	99,170.000	Ft
2010	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,840.000	Ft
2020	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,470.000	Ft
2030	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	46,910.000	Ft
2040	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	49,730.000	Ft
2050	Plastic Drum, Fluorescent, Furn	8120252	638.000	Ea
2060	Plastic Drum, Fluorescent, Oper	8120253	638.000	Ea
2070	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	500.000	Ft
2080	Sign Cover	8120310	14.000	Ea
2090	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
2100	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
2110	Sign, Type A, Temp, Prismatic, Furn	8120340	278.000	Sft
2120	Sign, Type A, Temp, Prismatic, Oper	8120341	278.000	Sft
2130	Sign, Type B, Temp, Prismatic, Furn	8120350	2,343.000	Sft
2140	Sign, Type B, Temp, Prismatic, Oper	8120351	2,343.000	Sft
2150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	376.000	Sft
2160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	376.000	Sft
2170	Traf Regulator Control	8120370	1.000	LSUM
2180	Riprap, Heavy	8130005	228.000	Syd
2190	Riprap, Plain	8130010	415.000	Syd
2200	Site Preparation, Max \$6,700.00	8150001	1.000	LSUM
2210	Watering and Cultivating, First Season, Min \$3,300.00	8150002	1.000	LSUM
2220	Watering and Cultivating, Second Season, Min \$4,100.00	8150003	1.000	LSUM
2230	Echinacea purpurea Kims Knee High, #1 cont.	8151274	180.000	Ea
2240	Juniperus chinensis Sea Green, #3 cont.	8151941	96.000	Ea
2250	Malus Prairie Fire, 1 3/4 inch	8152314	6.000	Ea
2260	Nepeta x faassenii Walkers Low, #1 cont.	8152496	282.000	Ea
2270	Pennisetum alopecuroides Hameln, #1 cont.	8152639	324.000	Ea
2280	Rudbeckia fuldiga Goldsturm, #1 cont.	8153279	180.000	Ea
2290	_ Shredded Bark Mulch	8157021	196.000	Cyd
2300	Slope Restoration, Type A	8160100	32,207.000	Syd
2310	Slope Restoration, Type B	8160101	12,500.000	Syd
2320	Slope Restoration, Type C	8160102	13,173.000	Syd
2330	Slope Restoration, Type D	8160103	2,168.000	Syd
2340	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea

2350	Cable Pole, TS, Disman	8190010	2.000	Ea
2360	Conduit, Schedule 40, 4 inch	8190151	240.000	Ft
2370	Conduit, Schedule 80 PVC, 2 inch	8190157	3,215.000	Ft
2380	Conduit, Schedule 80 PVC, 3 inch	8190159	1,278.000	Ft
2390	DB Cable, in Conduit, 600V, 1/C#6	8190211	6,130.000	Ft
2400	DB Cable, in Conduit, 600V, 1/C#8	8190212	9,672.000	Ft
2410	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,458.000	Ft
2420	Cable, Equipment Grounding Wire, 1/C#8	8190237	3,224.000	Ft
2430	Hh, Heavy Duty Cover	8190246	31.000	Ea
2440	Hh, Light Duty Cover	8190248	4.000	Ea
2450	Hh, Rem	8190254	3.000	Ea
2460	Hh, Round, 3 foot dia	8190259	12.000	Ea
2470	Light Std Arm, 15 foot	8190269	28.000	Ea
2480	Light Std Fdn	8190279	28.000	Ea
2490	Light Std, Frangible Transformer Base	8190281	28.000	Ea
2500	Light Std Shaft, 31 foot to 40 foot	8190286	28.000	Ea
2510	Wood Pole, Cl 4, 35 foot	8190472	4.000	Ea
2520	Wood Pole, Cl 4, 40 foot	8190473	5.000	Ea
2530	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
2540	Wood Pole, Fit Up, Elec Serv Pole, Photo Control	8190487	2.000	Ea
2550	Wood Pole, Rem	8190505	15.000	Ea
2560	_ Flood Light, LED	8197050	2.000	Ea
2570	_ Lighting Control Panel	8197050	2.000	Ea
2580	_ Luminaire, Roadway	8197050	28.000	Ea
2590	_ Tunnel LED Light Fixture	8197050	10.000	Ea
2600	_ Tunnel Wiring System	8197051	1.000	LSUM
2610	_ Utility, Electric	8197060	10,000.000	Dlr
2620	Case Sign, Rem	8200020	6.000	Ea
2630	Controller and Cabinet, Rem	8200030	6.000	Ea
2640	Controller and Cabinet, Digital Type	8200031	4.000	Ea
2650	Controller Fdn, Rem	8200046	1.000	Ea
2660	Metered Serv	8200090	4.000	Ea
2670	Metered Serv, Rem	8200095	6.000	Ea
2680	Power Co. (Est. Cost to Contractor)	8200116	5,000.000	Dlr
2690	Serv Disconnect	8200135	4.000	Ea
2700	Serv Disconnect, Rem	8200136	6.000	Ea
2710	Span Wire	8200140	6.000	Ea
2720	Span Wire, Rem	8200141	9.000	Ea
2730	TS, Bracket Arm Mtd, Rem	8200175	4.000	Ea
2740	TS, Span Wire Mtd, Rem	8200182	11.000	Ea
2750	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
2760	Video Traf Detection Camera (Mini)	8200386	2.000	Ea
2770	Video Traf Detection System (Mini)	8200387	2.000	Ea
2780	Bracket, Truss, Rem	8200388	4.000	Ea
2790	Wireless Vehicle Detection System, Rem	8200423	2.000	Ea

2800	Wireless Vehicle Sensor Node, Rem	8200426	36.000	Ea
2810	Hemispherical Video Detection Camera	8200444	2.000	Ea
2820	Hemispherical Video Detection System	8200445	2.000	Ea
2830	Hemispherical Video Detection Camera, Rem	8200446	2.000	Ea
2840	Hemispherical Video Detection System, Rem	8200447	2.000	Ea
2850	TS Head, Adj	8200452	5.000	Ea
2860	TS Head, Temp	8200453	19.000	Ea
2870	Video Traf Detection Camera (Mini), Rem	8201386	2.000	Ea
2880	Video Traf Detection System (Mini), Rem	8201387	2.000	Ea
2890	Monument Box	8210001	3.000	Ea
2900	Monument Preservation	8210010	3.000	Ea
2910	Protect Corners	8210020	10.000	Ea
2920	Fire Hydrant	8230040	9.000	Ea
2930	Gate Valve and Box, 6 inch	8230051	10.000	Ea
2940	Gate Valve, 12 inch	8230064	23.000	Ea
2950	Gate Well, Rem	8230076	13.000	Ea
2960	Hydrant, Rem	8230091	9.000	Ea
2970	Hydrant, Relocate, Case 1	8230095	4.000	Ea
2980	Hydrant, Relocate, Case 2	8230096	2.000	Ea
2990	Water Serv	8230240	3.000	Ea
3000	Gate Well, 72 inch dia	8230372	23.000	Ea
3010	Gate Box, Adj, Case 1	8230431	2.000	Ea
3020	Gate Box, Adj, Case 2	8230432	1.000	Ea
3030	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	4,037.000	Ft
3040	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	215.000	Ft
3050	_ Water Main, Rem	8237001	4,050.000	Ft
3060	_ Water Main Conflict, 12 inch	8237050	4.000	Ea
3070	_ Water Main Conflict, 6 inch	8237050	1.000	Ea
3080	Contractor Staking	8240001	1.000	LSUM
3090	Staking Plan Errors and Extras, One Person	8240020	73.000	Hr
3100	Staking Plan Errors and Extras, Two Person	8240021	31.000	Hr
3110	Staking Plan Errors and Extras, Three Person	8240022	45.000	Hr
3120	Flowable Fill, Non-Structural	8260148	190.000	Cyd

Section: 2

3130	Backfill, Structure, CIP	2060002	1,940.000	Cyd
3140	Excavation, Fdn	2060010	2,940.000	Cyd
3150	Underdrain, Fdn, 6 inch	4040033	420.000	Ft
3160	Culv Bedding, Box Culv	4060005	170.000	Cyd
3170	_ Culv, Precast Conc Box, 14 foot by 12 foot	4067001	164.000	Ft
3180	Steel Sheet Piling, Temp	7040002	7,400.000	Sft
3190	Reinforcement, Steel, Epoxy Coated	7060092	1,483.000	Lb
3200	Conc Surface Coating (V02 of 52042)	7100010	1.000	LSUM
3210	_ Sidewalk, Conc, 6 inch, Modified	8037021	38.000	Cyd
3220	Fence, Chain Link, 48 inch	8080011	125.000	Ft



11/2/2018 10:04 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 006

Letting Date: December 7, 2018

Contract ID: 41064-129569

Description: 19.70 mi of freeway sign upgrading and delineator installations along M-6 from I-196 to I-96, Ottawa and Kent Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129569A	1900027	N/A	IMG 41064

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$167,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	500.000	Ft
0030	Shoulder, CI II	3070121	4.000	Ton
0040	Hand Chipping, Other Than Deck	7120007	6.000	Cft
0050	Guardrail, Type T	8070002	763.000	Ft
0060	Guardrail Anch, Bridge, Det T1	8070022	1.000	Ea
0070	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0080	Guardrail Departing Terminal, Type T	8070051	6.000	Ea
0090	Bridge Sign Connection, Conc, Type A1	8100031	30.000	Ea
0100	Bridge Sign Connection, Conc, Type O	8100040	4.000	Ea
0110	Bridge Sign Connection, Conc, Type P	8100041	1.000	Ea
0120	Bridge Sign Connection, Steel, Type E	8100064	1.000	Ea
0130	Bridge Sign Connection, Steel, Type I	8100068	2.000	Ea
0140	Bridge Sign Connection, Type A, Rem	8100080	30.000	Ea
0150	Bridge Sign Connection, Type E, Rem	8100084	3.000	Ea
0160	Bridge Sign Connection, Type F, Rem	8100085	2.000	Ea
0170	Cantilever, Rem	8100090	2.000	Ea
0180	Cantilever, Type E	8100104	2.000	Ea
0190	Column, Breakaway, W8 x 13	8100120	56.000	Ea
0200	Column, Breakaway, W8 x 18	8100121	26.000	Ea
0210	Delineator Reflector, Red	8100131	210.000	Ea
0220	Delineator Reflector, Green	8100133	420.000	Ea
0230	Delineator Reflector, White	8100134	1,460.000	Ea
0240	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	160.000	Ea
0250	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	40.000	Ea
0260	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	380.000	Ea
0270	Fdn, Breakaway, W8 x 13	8100160	56.000	Ea

0280	Fdn, Breakaway, W8 x 18	8100161	26.000	Ea
0290	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	26.000	Ft
0300	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Uncased	8100171	27.000	Ft
0310	Fdn, Cantilever, Rem	8100190	2.000	Ea
0320	Fdn, Column Breakaway, Rem	8100220	40.000	Ea
0330	Fdn, Truss Sign Structure Type E, 48 inch Dia, Uncased	8100251	148.000	Ft
0340	Fdn, Wood Support, Rem	8100280	260.000	Ea
0350	Installing MDOT Supplied Sign, Type III	8100302	24.000	Ea
0360	Perforated Steel Square Tube Breakaway System	8100330	83.000	Ea
0370	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0380	Delineator, Rem	8100349	2,290.000	Ea
0390	Post, Flexible, Delineator	8100360	410.000	Ea
0400	Post, Rigid, Delineator	8100361	1,880.000	Ea
0410	Post, Steel, 3 lb	8100371	10,014.000	Ft
0420	Post, Wood, 4 inch by 6 inch	8100380	2,682.000	Ft
0430	Post, Wood, 6 inch by 8 inch	8100382	2,290.000	Ft
0440	Sign, Type I, Rem	8100391	100.000	Ea
0450	Sign, Type IA	8100392	12,869.000	Sft
0460	Sign, Type IB	8100393	1,065.000	Sft
0470	Sign, Type II, Rem	8100397	203.000	Ea
0480	Sign, Type IIA	8100398	2,723.000	Sft
0490	Sign, Type IIB	8100399	1,277.000	Sft
0500	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0510	Sign, Type III, Rem	8100403	612.000	Ea
0520	Sign, Type IIIA	8100404	704.000	Sft
0530	Sign, Type IIIB	8100405	1,822.000	Sft
0540	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0550	Sign, Type VB	8100425	1,756.000	Sft
0560	Truss, Type E, 85 foot	8100491	1.000	Ea
0570	Truss, Type E, 90 foot	8100492	1.000	Ea
0580	Reflective Panel for Permanent Sign Support, 3 foot	8100613	116.000	Ea
0590	Reflective Panel for Permanent Sign Support, 6 foot	8100616	86.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0630	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0640	Ltg for Night Work	8120160	1.000	LSUM
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Mobile Attenuator	8120180	1.000	Ea
0670	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0680	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0690	Sign Cover	8120310	20.000	Ea

0700	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0710	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0720	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0730	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Slope Restoration, Type A	8160100	300.000	Syd
0800	Slope Restoration, Type B	8160101	100.000	Syd
0810	Slope Restoration, Type C	8160102	100.000	Syd
0820	Slope Restoration, Type D	8160103	50.000	Syd
0830	Hh, Rem	8190254	6.000	Ea
0840	Warning Sign, Rem	8200261	4.000	Ea
0850	Contractor Staking, Road Only	8240007	1.000	LSUM
0860	Staking Plan Errors and Extras, One Person	8240020	14.000	Hr
0870	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0880	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 007

Letting Date: December 7, 2018

Contract ID: 28091-132412

Description: 0.32 mi of roundabout construction, hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, culvert, sewer, drainage, signing and pavement markings on US-131 at M-186 in the village of Fife Lake, Grand Traverse County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132412A	1801148	N/A	HSIP 28091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$161,700.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Curb and Gutter, Rem	2040020	816.000	Ft
0090	Fence, Rem	2040025	308.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0110	Pavt, Rem	2040050	3,925.000	Syd
0120	Exploratory Investigation, Vertical	2040080	20.000	Ft
0130	_ Misc Site Items, Rem	2047051	1.000	LSUM
0140	Embankment, CIP	2050010	9,060.000	Cyd
0150	Excavation, Earth	2050016	19,125.000	Cyd
0160	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	144.000	Ft
0180	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0200	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	9.000	Ea
0230	Erosion Control, Silt Fence	2080036	950.000	Ft
0240	_ Straw Wattle	2087001	600.000	Ft
0250	Subbase, CIP	3010002	8,050.000	Cyd
0260	Aggregate Base	3020001	4,744.000	Ton

0270	Approach, CI I	3070001	892.000	Ton
0280	Approach, CI II	3070021	15.000	Ton
0290	Shoulder, CI II	3070121	139.000	Ton
0300	Culv End Sect, 15 inch	4010015	5.000	Ea
0310	Culv End Sect, 18 inch	4010018	2.000	Ea
0320	Culv End Sect, 24 inch	4010024	2.000	Ea
0330	Culv, CI B, 24 inch	4010236	216.000	Ft
0340	Culv, CI F, 15 inch	4010608	168.000	Ft
0350	Culv, CI F, 18 inch	4010609	112.000	Ft
0360	Culv, Downspout, 15 inch	4010796	150.000	Ft
0370	Dr Marker Post	4011109	6.000	Ea
0380	Sewer, CI A, 15 inch, Tr Det B	4020034	117.000	Ft
0390	Video Taping Sewer and Culv Pipe	4021275	604.000	Ft
0400	Dr Structure Cover, Type B	4030010	1.000	Ea
0410	Dr Structure Cover, Type J	4030045	7.000	Ea
0420	Dr Structure, 48 inch dia	4030210	8.000	Ea
0430	HMA Surface, Rem	5010005	15,785.000	Syd
0440	HMA Quality Initiative	5010007	8,650.000	Dlr
0450	Pavt for Butt Joints, Rem	5010008	35.000	Syd
0460	Longitudinal Joint Density Quality Initiative	5010018	13,700.000	Dlr
0470	Hand Patching	5010025	30.000	Ton
0480	HMA, 3E3	5010045	1,482.000	Ton
0490	HMA, 4E3, High Stress	5010509	1,974.000	Ton
0500	HMA Approach, High Stress	5010520	842.000	Ton
0510	HMA, Temp Pavt (3E3)	5010804	488.000	Ton
0520	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	390.000	Syd
0530	Conc Pavt, Curing Horizontal Surfaces	6020159	390.000	Syd
0540	Conc Quality Initiative	6020401	130.000	Dlr
0550	_ Joint, Contraction, Cp, Modified	6027001	320.000	Ft
0560	_ Joint, Expansion, E2, Modified	6027001	64.000	Ft
0570	Cement	6030005	2.000	Ton
0580	Conc, Grade S2	7060011	2.000	Cyd
0590	Reinforcement, Steel, Culv and Headwall	7060091	92.000	Lb
0600	Curb, Conc, Det E1	8020001	255.000	Ft
0610	Curb, Conc, Det E4	8020004	322.000	Ft
0620	Curb and Gutter, Conc, Det B2	8020016	2,107.000	Ft
0630	Driveway Opening, Conc, Det M	8020050	448.000	Ft
0640	Shoulder Gutter, Conc, Det 1	8020055	1.000	Ea
0650	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0660	Shoulder Gutter, Conc, Det 3	8020057	3.000	Ea
0670	Spillway, Conc	8020075	198.000	Ft
0680	_ Curb and Gutter, Conc, Det B2, Modified	8027001	968.000	Ft
0690	_ Curb and Gutter, Conc, Det D2, Modified	8027001	346.000	Ft
0700	_ Curb and Gutter, Conc, Det F6, Modified	8027001	291.000	Ft
0710	Curb Ramp Opening, Conc	8030030	40.000	Ft

0720	Sidewalk Ramp, Conc, 4 inch	8030034	271.000	Sft
0730	Sidewalk, Conc, 4 inch	8030044	1,196.000	Sft
0740	_ Detectable Warning Surface, Cast Iron	8037001	40.000	Ft
0750	_ Sidewalk, Conc, 6 inch, Colored	8037010	3,228.000	Sft
0760	_ Sidewalk, Conc, 9 inch	8037010	797.000	Sft
0770	Curb Sloped, HMA	8050010	763.000	Ft
0780	Guardrail Reflector	8070080	16.000	Ea
0790	Post, Mailbox	8070095	3.000	Ea
0800	_ Guardrail, Type MGS-8, Temp	8077001	363.000	Ft
0810	_ Guardrail Approach Terminal, Type 2M, Temp	8077050	2.000	Ea
0820	Fence, Woven Wire with Steel Post	8080002	275.000	Ft
0830	Delineator Reflector, Green	8100133	5.000	Ea
0840	Fdn, Wood Support, Rem	8100280	14.000	Ea
0850	Delineator, Rem	8100349	10.000	Ea
0860	Post, Rigid, Delineator	8100361	5.000	Ea
0870	Post, Steel, 3 lb	8100371	640.000	Ft
0880	Post, Wood, 4 inch by 6 inch	8100380	256.000	Ft
0890	Post, Wood, 6 inch by 8 inch	8100382	266.000	Ft
0900	Sign, Type II, Rem	8100397	6.000	Ea
0910	Sign, Type IIB	8100399	198.000	Sft
0920	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0930	Sign, Type III, Rem	8100403	31.000	Ea
0940	Sign, Type IIIA	8100404	32.000	Sft
0950	Sign, Type IIIB	8100405	394.000	Sft
0960	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0970	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	160.000	Ft
0980	Pavt Mrkg, Polyurea, 12 inch, White	8110111	60.000	Ft
0990	Pavt Mrkg, Waterborne, 4 inch, White	8110231	75.000	Ft
1000	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
1010	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,450.000	Ft
1020	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,100.000	Ft
1030	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,000.000	Ft
1040	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,450.000	Ft
1050	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,100.000	Ft
1060	Recessing Pavt Mrkg, Longit	8110450	12,710.000	Ft
1070	Recessing Pavt Mrkg, Transv	8110451	60.000	Sft
1080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
1100	Culv, Temp	8120090	6.000	Ea
1110	Delineator, Flexible, Temp, Furn	8120091	60.000	Ea
1120	Delineator, Flexible, Temp, Oper	8120092	60.000	Ea
1130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

1150	Minor Traf Devices	8120170	1.000	LSUM
1160	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,075.000	Ft
1170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,000.000	Ft
1180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,000.000	Ft
1190	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
1200	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
1210	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1220	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, Turn Arrow	8120259	4.000	Ea
1240	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
1250	Sign Cover	8120310	10.000	Ea
1260	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
1270	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
1280	Sign, Type B, Temp, Prismatic, Furn	8120350	892.000	Sft
1290	Sign, Type B, Temp, Prismatic, Oper	8120351	892.000	Sft
1300	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	138.000	Sft
1310	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	138.000	Sft
1320	Traf Regulator Control	8120370	1.000	LSUM
1330	_ Temp Rumble Strips (Orange), Stop Condition	8127001	50.000	Ft
1340	Riprap, Plain	8130010	515.000	Syd
1350	Paved Ditch, HMA	8140010	12.000	Syd
1360	Site Preparation, Max \$2,380.00	8150001	1.000	LSUM
1370	Watering and Cultivating, First Season, Min \$1,160.00	8150002	1.000	LSUM
1380	Watering and Cultivating, Second Season, Min \$1,430.00	8150003	1.000	LSUM
1390	Juniperus chinensis Sea Green, #3 cont.	8151941	87.000	Ea
1400	Picea abies, 4 foot	8152740	6.000	Ea
1410	_ Physocarpus opulifolius Mindia, #5 cont.	8157050	19.000	Ea
1420	Mulch Blanket, High Velocity	8160028	7,000.000	Syd
1430	Seeding, Mixture CR	8160035	102.000	Lb
1440	Topsoil Surface, Furn, 4 inch	8160062	7,000.000	Syd
1450	Slope Restoration, Type A	8160100	15,000.000	Syd
1460	Slope Restoration, Type B	8160101	5,000.000	Syd
1470	Slope Restoration, Type C	8160102	450.000	Syd
1480	_ Shredded Bark Mulch	8167021	60.000	Cyd
1490	Cable Pole, TS and Sec, Dismant	8190009	1.000	Ea
1500	Conduit, DB, 1, 3 inch	8190029	95.000	Ft
1510	Conduit, Directional Bore, 2 inch	8190042	110.000	Ft
1520	Conduit, Schedule 80 PVC, 2 inch	8190157	1,270.000	Ft
1530	DB Cable, in Conduit, 600V, 1/C#8	8190212	5,080.000	Ft
1540	Cable, Equipment Grounding Wire, 1/C#8	8190237	1,220.000	Ft
1550	Cable, Equipment Grounding Wire, 1/C#10	8190238	540.000	Ft

1560	Hh, Heavy Duty Cover	8190246	16.000	Ea
1570	Hh, Round	8190260	4.000	Ea
1580	Light Std Arm, 10 foot	8190267	12.000	Ea
1590	Light Std Fdn	8190279	12.000	Ea
1600	Light Std Fdn, Rem	8190280	6.000	Ea
1610	Light Std, Frangible Transformer Base	8190281	12.000	Ea
1620	Light Std Shaft, 30 foot or less	8190285	12.000	Ea
1630	Light Std Shaft, Rem and Salv	8190306	5.000	Ea
1640	Luminaire, Salv	8190370	4.000	Ea
1650	Wood Pole, Cl 4, 30 foot	8190471	1.000	Ea
1660	Wood Pole, Cl 4, 40 foot	8190473	4.000	Ea
1670	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	3.000	Ea
1680	Wood Pole, Rem	8190505	6.000	Ea
1690	Conduit, Directional Bore, 1, 3 inch	8190602	130.000	Ft
1700	_ Electrical Service, M-186 and State St	8197050	1.000	Ea
1710	_ Lighting Control Panel, Ground Mtd	8197050	1.000	Ea
1720	_ Luminaire, Roadway	8197050	12.000	Ea
1730	Case Sign, Rem	8200020	2.000	Ea
1740	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
1750	Controller and Cabinet, Rem	8200030	1.000	Ea
1760	Controller and Cabinet, Digital Type	8200031	1.000	Ea
1770	Controller, Rem	8200049	1.000	Ea
1780	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
1790	Metered Serv	8200090	1.000	Ea
1800	Metered Serv, Rem	8200095	2.000	Ea
1810	Serv Disconnect	8200135	3.000	Ea
1820	Serv Disconnect, Rem	8200136	2.000	Ea
1830	Span Wire	8200140	3.000	Ea
1840	Span Wire, Rem	8200141	4.000	Ea
1850	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
1860	TS, One Way Span Wire Mtd (LED)	8200313	5.000	Ea
1870	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1880	Sign Optical, (LED)	8200373	4.000	Ea
1890	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1900	Video Traf Detection System	8200380	1.000	Ea
1910	Video Traf Detection Camera	8200381	1.000	Ea
1920	Video Traf Detection System, Rem	8200383	1.000	Ea
1930	Video Traf Detection Camera, Rem	8200384	1.000	Ea
1940	Bracket, Truss, Rem	8200388	2.000	Ea
1950	Monument Box	8210001	1.000	Ea
1960	Monument Preservation	8210010	5.000	Ea
1970	Contractor Staking, Road Only	8240007	1.000	LSUM
1980	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
1990	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
2000	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr



11/2/2018 10:04 AM

AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 008**Letting Date:** December 7, 2018**Contract ID:** 78022-200399

Description: 0.10 mi of hot mix asphalt reconstruction, concrete driveway, curb, gutter and ADA ramps, lighting and pavement markings on US-12 at Michigan Southern Railroad crossing in the city of Sturgis, St. Joseph County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200399A	N/A	N/A	MRR 78022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$51,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	1,941.000	Ft
0030	Pavt, Rem	2040050	623.000	Syd
0040	Sidewalk, Rem	2040055	523.000	Syd
0050	Exploratory Investigation, Vertical	2040080	15.000	Ft
0060	_ Bench, Rem and Salv	2047050	1.000	Ea
0070	_ Bike Rack, Rem and Salv	2047050	2.000	Ea
0080	Embankment, CIP	2050010	172.000	Cyd
0090	Excavation, Earth	2050016	1,981.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0120	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0150	Erosion Control, Silt Fence	2080036	200.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	1,649.000	Cyd
0180	Aggregate Base, 6 inch	3020016	3,577.000	Syd
0190	Approach, CI II, 4 inch	3070026	32.000	Syd
0200	Sewer, CI A, 12 inch, Tr Det B	4020033	44.000	Ft
0210	Sewer Tap, 12 inch	4021204	3.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	525.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0240	Dr Structure Cover, Type B	4030010	2.000	Ea
0250	Dr Structure Cover, Type D	4030025	1.000	Ea
0260	Dr Structure Cover, Type K	4030050	5.000	Ea
0270	Dr Structure Cover, Type Q	4030065	1.000	Ea

0280	Dr Structure Cover, Type R	4030070	2.000	Ea
0290	Dr Structure, 24 inch dia	4030200	3.000	Ea
0300	Dr Structure, 48 inch dia	4030210	3.000	Ea
0310	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0320	Underdrain, Subbase, 6 inch	4040063	394.000	Ft
0330	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0340	Pavt, Cleaning	5010001	1.000	LSUM
0350	Cold Milling HMA Surface	5010002	873.000	Syd
0360	HMA Surface, Rem	5010005	2,751.000	Syd
0370	HMA Quality Initiative	5010007	2,654.000	Dlr
0380	Longitudinal Joint Density Quality Initiative	5010018	5,566.000	Dlr
0390	HMA, 3E3	5010045	471.000	Ton
0400	HMA, 4E3	5010051	362.000	Ton
0410	HMA, 5E3	5010057	330.000	Ton
0420	HMA Approach	5010061	176.000	Ton
0430	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0440	Driveway, Nonreinf Conc, 6 inch	8010005	161.000	Syd
0450	Curb, Conc, Det E2	8020002	129.000	Ft
0460	Curb and Gutter, Conc, Det F4	8020038	1,016.000	Ft
0470	Driveway Opening, Conc, Det M	8020050	56.000	Ft
0480	_ Curb and Gutter, Conc, Det F2, Modified	8027001	278.000	Ft
0490	Detectable Warning Surface	8030010	76.000	Ft
0500	Curb Ramp Opening, Conc	8030030	103.000	Ft
0510	Sidewalk Ramp, Conc, 6 inch	8030036	1,049.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	1,820.000	Sft
0530	Sidewalk, Conc, 6 inch	8030046	412.000	Sft
0540	_ Sidewalk, Brick Pavers on Conc and Sand Bed	8037010	1,059.000	Sft
0550	_ Brick Pavers, Rem	8037011	158.000	Syd
0560	Band, Sign	8100010	10.000	Ea
0570	Post, Steel, 3 lb	8100371	126.000	Ft
0580	Sign, Type III, Erect, Salv	8100402	25.000	Ea
0590	Sign, Type III, Rem	8100403	26.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	102.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	2.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	2.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0660	Pavt Mrkg, Waterborne, 4 inch, White	8110231	104.000	Ft
0670	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,279.000	Ft
0680	Pavt Mrkg, Waterborne, 6 inch, White	8110233	569.000	Ft
0690	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	120.000	Ft
0700	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	104.000	Ft
0710	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,279.000	Ft

0720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	569.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Yellow	8110258	120.000	Ft
0740	Rem Spec Mrkg	8110343	64.000	Sft
0750	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	289.000	Ft
0760	Recessing Pavt Mrkg, Transv	8110451	408.000	Sft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	51.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	51.000	Ea
0790	Pedestrian Type II Barricade, Temp	8120026	34.000	Ea
0800	Minor Traf Devices	8120170	1.000	LSUM
0810	Plastic Drum, Fluorescent, Furn	8120252	96.000	Ea
0820	Plastic Drum, Fluorescent, Oper	8120253	96.000	Ea
0830	Sign Cover	8120310	10.000	Ea
0840	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0850	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0860	Sign, Type B, Temp, Prismatic, Furn	8120350	2,347.000	Sft
0870	Sign, Type B, Temp, Prismatic, Oper	8120351	2,347.000	Sft
0880	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	18.000	Sft
0890	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	18.000	Sft
0900	Site Preparation, Max \$800.00	8150001	1.000	LSUM
0910	Watering and Cultivating, First Season, Min \$400.00	8150002	1.000	LSUM
0920	Watering and Cultivating, Second Season, Min \$500.00	8150003	1.000	LSUM
0930	Coreopsis verticillata, #1 cont.	8150903	3.000	Ea
0940	Echinacea purpurea, #1 cont.	8151268	7.000	Ea
0950	Hemerocallis Variety, #1 cont.	8151768	118.000	Ea
0960	Juniperus horizontalis Blue Chip, #2 cont.	8151953	7.000	Ea
0970	Nepeta x faassenii Walkers Low, #1 cont.	8152496	7.000	Ea
0980	Pennisetum alopecuroides Hameln, #1 cont.	8152639	4.000	Ea
0990	Rudbeckia nitida Autumn Sun, #1 cont.	8153294	6.000	Ea
1000	Sedum Matrona, #1 cont.	8153456	3.000	Ea
1010	_ Bench Salv, Reinstall	8157050	1.000	Ea
1020	_ Bike Rack Salv, Reinstall	8157050	2.000	Ea
1030	Fertilizer, Chemical Nutrient, CI A	8160020	42.000	Lb
1040	Mulch	8160025	728.000	Syd
1050	Mulch Anchoring	8160026	728.000	Syd
1060	Seeding, Mixture TGM	8160038	42.000	Lb
1070	Topsoil Surface, Furn, 4 inch	8160062	728.000	Syd
1080	Topsoil Surface, Furn, LM	8160071	42.000	Cyd
1090	Conduit, DB, 1, 2 1/2 inch	8190028	30.000	Ft
1100	Hh, Light Duty Cover	8190248	3.000	Ea
1110	Hh, Reconst	8190252	4.000	Ea

1120	Hh, Rem	8190254	1.000	Ea
1130	Light Std Fdn	8190279	3.000	Ea
1140	Light Std Fdn, Rem	8190280	3.000	Ea
1150	Light Std Shaft, Install Salv	8190301	3.000	Ea
1160	Light Std Shaft, Rem and Salv	8190306	3.000	Ea
1170	Cable, Sec, 600V, 1, 3/C#6	8190399	30.000	Ft
1180	Monument Box	8210001	2.000	Ea
1190	Monument Preservation	8210010	3.000	Ea
1200	Protect Corners	8210020	1.000	Ea
1210	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
1220	Gate Box, Adj, Case 1	8230431	10.000	Ea
1230	Contractor Staking, Road Only	8240007	1.000	LSUM
1240	Staking Plan Errors and Extras, One Person	8240020	4.000	Hr
1250	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
1260	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr
1270	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 181207 009**Letting Date:** December 7, 2018**Contract ID:** 78015-204223**Description:** Epoxy overlay and pavement markings on US-131 over the St. Joseph River, St. Joseph County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204223A	N/A	N/A	GF19 78015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,500.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	500.000	Ft
0030	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,000.000	Ft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0050	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	144.000	Ft
0080	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,960.000	Ft
0090	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0110	PTS System, Temp, Furn	8120270	1.000	Ea
0120	PTS System, Temp, Oper	8120271	1.000	Ea
0130	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0140	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	219.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	219.000	Sft

Section: 2

0170	Epoxy Ovly	7120020	4,694.000	Syd
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Schedule of Pay Items

Report v1

Letting Call: 181207 010

Letting Date: December 7, 2018

Contract ID: 44555-129918-2

Description: 0.59 mi of hot mix asphalt reconstruction, concrete curb, gutter and spillway, culvert, driveway, sidewalk and ramps, drainage, sewer, water main, streetscaping and pavement markings on Main Street from Union Street to Mulholland Drive, Lapeer County. This is a Local Agency project.

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$201,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.000	Acre
0030	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Dr Structure, Rem	2030011	44.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	1,378.000	Ft
0070	_ Water Main, Rem, Less than 24 inch	2037001	48.000	Ft
0080	Curb and Gutter, Rem	2040020	1,742.000	Ft
0090	Pavt, Rem	2040050	10,279.000	Syd
0100	Sidewalk, Rem	2040055	1,556.000	Syd
0110	_ Tree Grate, Rem	2047050	16.000	Ea
0120	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0130	_ Open Channel Drain	2057001	1,150.000	Ft
0140	_ Machine Grading, Modified	2057002	25.000	Sta
0150	Erosion Control, Check Dam, Stone	2080012	64.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	67.000	Ea
0170	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	39.000	Ea
0180	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0190	Erosion Control, Silt Fence	2080036	863.000	Ft
0200	Aggregate Base, 6 inch	3020016	3,739.000	Syd
0210	Aggregate Base, 8 inch	3020020	8,245.000	Syd
0220	Maintenance Gravel	3060020	800.000	Ton
0230	Approach, CI I, 4 inch	3070006	590.000	Syd
0240	Shoulder, CI II, 4 inch	3070126	753.000	Syd
0250	Geotextile, Separator	3080005	190.000	Syd
0260	Geotextile, Stabilization	3080010	4,575.000	Syd

0270	Culv End Sect, 12 inch	4010012	18.000	Ea
0280	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0290	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0300	Culv, CI A, 12 inch	4010131	337.000	Ft
0310	Sewer, CI A, 18 inch, Tr Det A	4020006	51.000	Ft
0320	Sewer, CI A, 30 inch, Tr Det A	4020008	181.000	Ft
0330	Sewer, CI A, 8 inch, Tr Det B	4020031	20.000	Ft
0340	Sewer, CI A, 12 inch, Tr Det B	4020033	1,937.000	Ft
0350	Sewer, CI A, 15 inch, Tr Det B	4020034	59.000	Ft
0360	Sewer, CI A, 18 inch, Tr Det B	4020035	235.000	Ft
0370	Sewer, CI A, 24 inch, Tr Det B	4020036	934.000	Ft
0380	Sewer, CI A, 30 inch, Tr Det B	4020037	167.000	Ft
0390	Sewer, CI B, 24 inch, Tr Det B	4020186	337.000	Ft
0400	Sewer Bulkhead, 12 inch	4021230	4.000	Ea
0410	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0420	_ Sanitary Lead, 6 inch, Tr Det B	4027001	172.000	Ft
0430	Dr Structure Cover, Type B	4030010	20.000	Ea
0440	Dr Structure Cover, Type D	4030025	6.000	Ea
0450	Dr Structure Cover, Type E	4030035	1.000	Ea
0460	Dr Structure Cover, Type G	4030040	9.000	Ea
0470	Dr Structure Cover, Type K	4030050	12.000	Ea
0480	Dr Structure, 24 inch dia	4030200	19.000	Ea
0490	Dr Structure, 48 inch dia	4030210	22.000	Ea
0500	Dr Structure, 60 inch dia	4030220	8.000	Ea
0510	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	8.000	Ft
0520	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	2.000	Ft
0530	_ Utility Structure, Adj, Case 1	4037050	18.000	Ea
0540	Underdrain, Subgrade, 6 inch	4040073	1,545.000	Ft
0550	Underdrain Outlet, 6 inch	4040093	44.000	Ft
0560	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0570	HMA Surface, Rem	5010005	14,175.000	Syd
0580	Hand Patching	5010025	40.000	Ton
0590	HMA, 2C	5010030	1,363.000	Ton
0600	HMA, 3C	5010031	1,689.000	Ton
0610	HMA, 4C	5010032	1,353.000	Ton
0620	HMA Approach	5010061	85.000	Ton
0630	_ HMA Colored Crosswalk	5017011	109.000	Syd
0640	_ Retaining Wall	7067001	42.000	Ft
0650	_ Raised Planter Box	7067050	4.000	Ea
0660	Driveway, Reinf Conc, 6 inch	8010001	84.000	Syd
0670	Curb and Gutter, Conc, Det C4	8020023	2,118.000	Ft
0680	Spillway, Conc	8020075	10.000	Ft
0690	_ Curb and Gutter, Conc, Det C4, Modified	8027001	192.000	Ft

0700	Detectable Warning Surface	8030010	183.000	Ft
0710	Railing for Steps	8030020	6.000	Ft
0720	Curb Ramp Opening, Conc	8030030	161.000	Ft
0730	Sidewalk Ramp, Conc, 4 inch	8030034	756.000	Sft
0740	Sidewalk, Conc, 4 inch	8030044	13,792.000	Sft
0750	Sidewalk, Conc, 6 inch	8030046	320.000	Sft
0760	Steps, Conc	8030100	8.000	Cyd
0770	_ Sidewalk, Stamped Colored Conc, 4 inch	8037010	839.000	Sft
0780	Post, Steel, 3 lb	8100371	63.000	Ft
0790	Sign, Type III, Rem	8100403	3.000	Ea
0800	Sign, Type IIIA	8100404	17.000	Sft
0810	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	187.000	Ft
0820	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	6.000	Ea
0830	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,356.000	Ft
0840	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,355.000	Ft
0850	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,725.000	Ft
0860	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	2,040.000	Ft
0870	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0900	Dust Palliative, Applied	8120100	110.000	Ton
0910	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0920	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0930	Minor Traf Devices	8120170	1.000	LSUM
0940	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	80.000	Ft
0950	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0960	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0970	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0980	PTS System, Temp, Furn	8120270	2.000	Ea
0990	PTS System, Temp, Oper	8120271	2.000	Ea
1000	Sign Cover	8120310	8.000	Ea
1010	Sign, Type B, Temp, Prismatic, Furn	8120350	326.000	Sft
1020	Sign, Type B, Temp, Prismatic, Oper	8120351	326.000	Sft
1030	Traf Regulator Control	8120370	1.000	LSUM
1040	Riprap, Heavy	8130005	190.000	Syd
1050	Site Preparation, Max \$1,414.00	8150001	1.000	LSUM
1060	Watering and Cultivating, First Season, Min \$591.60	8150002	1.000	LSUM
1070	Watering and Cultivating, Second Season, Min \$730.80	8150003	1.000	LSUM
1080	Berberis thunbergii Crimson Pygmy, #3 cont.	8150511	2.000	Ea
1090	Coreopsis verticillata, 4 inch pot	8150905	12.000	Ea
1100	Fothergilla gardenii Blue Mist, #3 cont.	8151518	2.000	Ea
1110	Gaillardia x grandiflora Arizona Sun, 4 inch pot	8151561	12.000	Ea

1120	Geranium x cantabrigiense Biokovo, 4 inch pot	8151593	12.000	Ea
1130	Ribes alpinum, #3 cont.	8153213	2.000	Ea
1140	_ Agastache x A foeniculum 'Black Adder', 4 inch pot	8157050	12.000	Ea
1150	_ Bike Rack	8157050	2.000	Ea
1160	_ Bollard	8157050	2.000	Ea
1170	_ Malus 'Merilee Crabapple', 2 inch	8157050	7.000	Ea
1180	_ Pedestrian Bench	8157050	2.000	Ea
1190	_ Potentilla fruticosa 'Golden Star', #3 cont.	8157050	2.000	Ea
1200	_ Tree Well and Grate	8157050	7.000	Ea
1210	Fertilizer, Chemical Nutrient, CI B	8160021	374.000	Lb
1220	Mulch	8160025	13,559.000	Syd
1230	Mulch Anchoring	8160026	13,559.000	Syd
1240	Seeding, Mixture THV	8160040	681.000	Lb
1250	Topsoil Surface, Furn, 3 inch	8160061	8,945.000	Syd
1260	Topsoil Surface, Furn, 4 inch	8160062	4,632.000	Syd
1270	Conduit, Schedule 80 PVC, 2 inch	8190157	752.000	Ft
1280	DB Cable, in Conduit, 600V, 1/C#10	8190213	2,174.000	Ft
1290	Cable, Equipment Grounding Wire, 1/C#12	8190239	1,087.000	Ft
1300	Hh, Polymer Conc	8190250	13.000	Ea
1310	Hh, Rem	8190254	1.000	Ea
1320	Light Std Fdn	8190279	13.000	Ea
1330	Light Std Fdn, Rem	8190280	12.000	Ea
1340	Light Std Shaft, 30 foot or less	8190285	28.000	Ea
1350	Light Std Shaft, Rem	8190305	26.000	Ea
1360	Luminaire	8190330	28.000	Ea
1370	Luminaire, Rem	8190360	26.000	Ea
1380	Monument Box	8210001	1.000	Ea
1390	Monument Preservation	8210010	1.000	Ea
1400	Gate Valve and Box, 8 inch	8230052	5.000	Ea
1410	Hydrant, Rem	8230091	1.000	Ea
1420	Hydrant, Relocate, Case 2	8230096	1.000	Ea
1430	Water Main, 6 inch, Cut and Plug	8230131	1.000	Ea
1440	Water Main, 8 inch, Cut and Plug	8230132	3.000	Ea
1450	Water Main, DI, 8 inch, Tr Det G	8230156	1,331.000	Ft
1460	Water Main, DI, 12 inch, Tr Det G	8230166	20.000	Ft
1470	Water Serv	8230240	5.000	Ea
1480	Water Serv, Long	8230245	30.000	Ea
1490	Gate Box, Adj, Case 1	8230431	2.000	Ea
1500	Polyethylene Encasement	8230440	1,331.000	Ft
1510	_ Fire Hydrant and Valve Assembly	8237050	2.000	Ea
1520	_ Water Service, Special	8237051	1.000	LSUM
1530	Flowable Fill, Non-Structural	8260148	61.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 181207 011**Letting Date:** December 7, 2018**Contract ID:** 50000-202968

Description: 0.98 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, base repair, signing, convert 4 to 3 lane and pavement markings on Masonic Boulevard from Utica Road to Kelly Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202968A	1801229	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1027060	1,025.000	Dlr
0020	_ Railroad Protection, at Grade Crossing	1077060	18,000.000	Dlr
0030	Mobilization, Max \$114,500.00	1500001	1.000	LSUM
0040	Curb and Gutter, Rem	2040020	200.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0060	Sidewalk, Rem	2040055	325.000	Syd
0070	Exploratory Investigation, Vertical	2040080	10.000	Ft
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	37.000	Ea
0090	Aggregate Base, Conditioning	3020050	22,500.000	Syd
0100	Sewer, Cl A, 12 inch, Tr Det B	4020033	10.000	Ft
0110	Sewer Tap, 12 inch	4021204	2.000	Ea
0120	_ Sewer, Cl A, 4 inch, Tr Det B	4027001	18.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0140	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0150	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0160	Dr Structure, Temp Lowering	4030390	22.000	Ea
0170	_ Catch Basin Cover, Fraser	4037050	2.000	Ea
0180	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0190	_ Dr Structure, Special	4037050	1.000	Ea
0200	_ Sanitary Manhole Cover, Fraser	4037050	9.000	Ea
0210	_ Storm Manhole Cover, Fraser	4037050	10.000	Ea
0220	HMA Surface, Rem	5010005	22,500.000	Syd
0230	HMA, 3C	5010031	3,800.000	Ton
0240	HMA, 4E1	5010050	2,500.000	Ton
0250	HMA, 5E1	5010056	2,500.000	Ton
0260	Pavt Repr, Nonreinf Conc, 9 inch	6030046	75.000	Syd
0270	Pavt Repr, Rem	6030080	450.000	Syd

0280	Driveway, Nonreinf Conc, 6 inch	8010005	12.000	Syd
0290	Driveway, Nonreinf Conc, 8 inch	8010007	125.000	Syd
0300	Curb and Gutter, Conc, Det C4	8020023	200.000	Ft
0310	Detectable Warning Surface	8030010	50.000	Ft
0320	Curb Ramp Opening, Conc	8030030	50.000	Ft
0330	Sidewalk Ramp, Conc, 4 inch	8030034	200.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	1,325.000	Sft
0350	_ Sidewalk Ramp, Conc, 8 inch	8037010	375.000	Sft
0360	_ Sidewalk, Conc, 8 inch	8037010	1,100.000	Sft
0370	Post, Steel, 3 lb	8100371	266.000	Ft
0380	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0390	Sign, Type III, Rem	8100403	6.000	Ea
0400	Sign, Type IIIB	8100405	140.000	Sft
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,315.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,195.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,755.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,315.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,195.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,755.000	Ft
0470	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	130.000	Ft
0480	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	240.000	Ft
0490	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	130.000	Ft
0500	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	240.000	Ft
0510	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	490.000	Ft
0520	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	490.000	Ft
0530	_ Pavt Mrkg, Methyl Methacrylate, Green	8117010	480.000	Sft
0540	_ Pavt Mrkg, Waterborne, 2nd Application, Bicycle Detection Symbol	8117050	2.000	Ea
0550	_ Pavt Mrkg, Waterborne, 2nd Application, Bike, Small Symbol	8117050	17.000	Ea
0560	_ Pavt Mrkg, Waterborne, 2nd Application, Directional Arrow Symbol, Bike	8117050	17.000	Ea
0570	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn Arrow Sym	8117050	4.000	Ea
0580	_ Pavt Mrkg, Waterborne, 2nd Application, Railroad Sym	8117050	2.000	Ea
0590	_ Pavt Mrkg, Waterborne, 2nd Application, Rt Turn Arrow Sym	8117050	3.000	Ea
0600	_ Pavt Mrkg, Waterborne, 2nd Application, Sharrow Symbol	8117050	2.000	Ea
0610	_ Pavt Mrkg, Waterborne, Bicycle Detection Symbol	8117050	2.000	Ea
0620	_ Pavt Mrkg, Waterborne, Bike, Small Symbol	8117050	17.000	Ea
0630	_ Pavt Mrkg, Waterborne, Directional Arrow Symbol, Bike	8117050	17.000	Ea
0640	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	4.000	Ea
0650	_ Pavt Mrkg, Waterborne, Railroad Sym	8117050	2.000	Ea

0660	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	3.000	Ea
0670	_ Pavt Mrkg, Waterborne, Sharrow Symbol	8117050	2.000	Ea
0680	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0690	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0700	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0710	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	250.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0750	Plastic Drum, High Intensity, Furn	8120250	140.000	Ea
0760	Plastic Drum, High Intensity, Oper	8120251	140.000	Ea
0770	Sign Cover	8120310	10.000	Ea
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0800	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	250.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	250.000	Sft
0820	Traf Regulator Control	8120370	1.000	LSUM
0830	_ Driveway Maintenance	8127050	76.000	Ea
0840	_ Intersection Maintenance	8127050	3.000	Ea
0850	Topsoil Surface, Furn, 3 inch	8160061	600.000	Syd
0860	Water, Sodding/Seeding	8160090	15.000	Unit
0870	_ Hydroseeding	8167011	600.000	Syd
0880	Case Sign Panel	8200003	1.000	Ea
0890	Case Sign Panel, Rem	8200004	2.000	Ea
0900	Case Sign Panel, Salv	8200005	1.000	Ea
0910	Traf Loop	8200170	8.000	Ea
0920	TS Face, Bag	8200458	6.000	Ea
0930	TS Face, Bag, Rem	8200459	6.000	Ea
0940	Monument Box Adjust	8210005	1.000	Ea
0950	_ Gate Well Cover, Adj, Case 1	8237050	1.000	Ea
0960	_ Gate Well Cover, Fraser	8237050	1.000	Ea
0970	_ Bumper Block, Relocate	8507050	7.000	Ea
0980	_ Audio Visual Record of the Construction Area	8507051	1.000	LSUM
0990	_ Rubbish Pickup	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 181207 012**Letting Date:** December 7, 2018**Contract ID:** 23000-202535-2

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

Project Information

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

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,400.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	10.000	Ea
0050	Curb and Gutter, Rem	2040020	300.000	Ft
0060	Guardrail, Rem	2040035	250.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0080	Pavt, Rem	2040050	1,000.000	Syd
0090	Machine Grading	2050030	1.000	Sta
0100	_ Ditching	2057002	13.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0120	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0130	Aggregate Base, 6 inch	3020016	19,000.000	Syd
0140	Approach, CI II, LM	3070023	30.000	Cyd
0150	Shoulder, CI II	3070121	1,000.000	Ton
0160	Trenching	3070200	250.000	Sta
0170	Culv End Sect, Metal, 12 inch	4010094	20.000	Ea
0180	Culv, CI B, CSP, 12 inch	4010301	240.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure Cover, Type B	4030010	2.000	Ea
0220	_ Sanitary Structure Cover, Adj	4037050	2.000	Ea
0230	Cold Milling HMA Surface	5010002	800.000	Syd
0240	Hand Patching	5010025	5.000	Ton
0250	HMA, 3C	5010031	20.000	Ton
0260	HMA, 13A	5010033	3,020.000	Ton
0270	Curb and Gutter, Conc, Det B2	8020016	950.000	Ft

0280	Curb and Gutter, Conc, Det F4	8020038	825.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	35.000	Ft
0300	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0310	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0320	Spillway, Conc	8020075	6.000	Ft
0330	Detectable Warning Surface	8030010	6.000	Ft
0340	Sidewalk Ramp, Conc, 4 inch	8030034	100.000	Sft
0350	Sidewalk, Conc, 4 inch	8030044	240.000	Sft
0360	Guardrail, Type B	8070000	100.000	Ft
0370	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0380	Guardrail Reflector	8070080	20.000	Ea
0390	Post, Mailbox	8070095	84.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	27.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	52.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	54.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,000.000	Ft
0450	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0460	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0490	Plastic Drum, High Intensity, Furn	8120250	250.000	Ea
0500	Plastic Drum, High Intensity, Oper	8120251	250.000	Ea
0510	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0520	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0560	Ditch, Plain Cobble	8140005	14.000	Syd
0570	Mulch Blanket	8160027	1,000.000	Syd
0580	Mulch Blanket, High Velocity	8160028	50.000	Syd
0590	_ Slope Restoration, Modified	8167011	5,000.000	Syd
0600	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0610	Water Shutoff, Adj, Case 2	8230422	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 181207 013**Letting Date:** December 7, 2018**Contract ID:** 48555-130384**Description:** 1.80 mi of hot mix asphalt resurfacing with aggregate shoulders, guardrail and pavement markings on County Road 407 west of M-123, Luce County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130384A	1801207	N/A	STL 48555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,400.00	1500001	1.000	LSUM
0020	HMA Base Crushing and Shaping	3050002	26,000.000	Syd
0030	Approach, CI II	3070021	40.000	Ton
0040	Shoulder, CI II	3070121	1,400.000	Ton
0050	HMA Approach	5010061	25.000	Ton
0060	HMA, LVSP	5010703	4,350.000	Ton
0070	Guardrail, Type B	8070000	2,313.000	Ft
0080	Guardrail Approach Terminal, Type 1B	8070040	18.000	Ea
0090	Guardrail, Salv	8070075	2,988.000	Ft
0100	Guardrail Reflector	8070080	100.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,400.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,200.000	Ft
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0170	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0180	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 181207 014

Letting Date: December 7, 2018

Contract ID: 11000-130766

Description: 0.15 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps, storm sewer, aggregate base, remove and install signal on Red Bud/River cutoff at the River Street intersection in the city of Buchanan, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130766A	1801178	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$33,900.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0050	Dr Structure, Rem	2030011	2.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	30.000	Ft
0070	Curb and Gutter, Rem	2040020	775.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0090	Pavt, Rem	2040050	40.000	Syd
0100	Sidewalk, Rem	2040055	435.000	Syd
0110	Utility Pole, Rem	2040070	2.000	Ea
0120	_ Machine Grading, Modified	2057002	2.000	Sta
0130	_ Trenching, Modified	2057002	1.000	Sta
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0150	Aggregate Base, 8 inch	3020020	880.000	Syd
0160	Maintenance Gravel	3060020	50.000	Ton
0170	Sewer, Cl E, 12 inch, Tr Det E	4020690	40.000	Ft
0180	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0190	Dr Structure Cover, Type B	4030010	1.000	Ea
0200	Dr Structure Cover, Type K	4030050	2.000	Ea
0210	Dr Structure Cover, Type Q	4030065	2.000	Ea
0220	Dr Structure, 24 inch dia	4030200	2.000	Ea
0230	Dr Structure, Tap, 6 inch	4030306	3.000	Ea
0240	Dr Structure, Temp Lowering	4030390	3.000	Ea
0250	Underdrain, Subbase, 6 inch	4040063	550.000	Ft
0260	Cold Milling HMA Surface	5010002	1,750.000	Syd
0270	HMA Surface, Rem	5010005	880.000	Syd

0280	Hand Patching	5010025	20.000	Ton
0290	HMA, 4E1	5010050	140.000	Ton
0300	HMA, 5E1	5010056	250.000	Ton
0310	Conc Base Cse, Nonreinf, 6 inch	6020015	35.000	Syd
0320	Curb, Conc, Det E1	8020001	50.000	Ft
0330	Curb and Gutter, Conc, Det C4	8020023	650.000	Ft
0340	Detectable Warning Surface	8030010	60.000	Ft
0350	Curb Ramp Opening, Conc	8030030	90.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	340.000	Sft
0370	Sidewalk, Conc, 4 inch	8030044	2,800.000	Sft
0380	Band, Sign	8100010	4.000	Ea
0390	Post, Steel, 3 lb	8100371	160.000	Ft
0400	Sign, Type IIIA	8100404	25.000	Sft
0410	Sign, Type IIIB	8100405	60.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	365.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	130.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0500	Pavt Mrkg, Waterborne, 4 inch, White	8110231	500.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	900.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0540	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0550	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0600	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	520.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	520.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	Slope Restoration, Type A	8160100	1,500.000	Syd
0650	Conduit, DB, 3, 3 inch	8190035	175.000	Ft
0660	Hh, Round	8190260	6.000	Ea
0670	Cable, Sec, 600V, 1, 3/C#6	8190399	45.000	Ft
0680	Conduit, Directional Bore, 3, 3 inch	8190606	380.000	Ft
0690	Controller and Cabinet, Rem	8200030	1.000	Ea
0700	Controller and Cabinet, Digital Type	8200031	1.000	Ea

0710	Controller Fdn, Base Mount	8200045	1.000	Ea
0720	Fdn, Rem	8200065	1.000	Ea
0730	Pedestal, Alum	8200100	3.000	Ea
0740	Pedestal, Fdn	8200105	4.000	Ea
0750	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0760	Pushbutton and Sign	8200121	8.000	Ea
0770	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0780	Serv Disconnect	8200135	1.000	Ea
0790	Serv Disconnect, Rem	8200136	1.000	Ea
0800	Span Wire	8200140	4.000	Ea
0810	Span Wire, Rem	8200141	2.000	Ea
0820	Strain Pole Fdn, Cased	8200150	56.000	Ft
0830	Strain Pole, Steel, Anchor Base, 30 foot	8200155	4.000	Ea
0840	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0850	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0860	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
0870	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	8.000	Ea
0880	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
0890	Video Traf Detection System	8200380	1.000	Ea
0900	Video Traf Detection Camera	8200381	4.000	Ea
0910	TS Face, Bag	8200458	8.000	Ea
0920	TS Face, Bag, Rem	8200459	8.000	Ea
0930	TS Uninterruptible Power System	8200500	1.000	Ea
0940	Gate Box, Adj, Case 1	8230431	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 181207 015

Letting Date: December 7, 2018

Contract ID: 74000-200505

Description: 0.53 mi of hot mix asphalt cold milling and resurfacing, drainage and pavement markings on Howard Street from Harrington Road north to the Croswell north village limits in the city of Croswell, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200505A	1774008	N/A	STL 74000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,400.00	1500001	1.000	LSUM
0020	Sewer, Rem, 24 inch to 48 inch	2030016	22.000	Ft
0030	Curb and Gutter, Rem	2040020	659.000	Ft
0040	Sidewalk, Rem	2040055	236.000	Syd
0050	Embankment, CIP	2050010	21.000	Cyd
0060	Excavation, Earth	2050016	11.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0080	Erosion Control, Sediment Basin	2080032	1.000	Cyd
0090	_ Trenching, Modified	3027002	9.000	Sta
0100	_ Aggregate Base, 18 inch, Modified	3027011	761.000	Syd
0110	Maintenance Gravel, LM	3060021	30.000	Cyd
0120	Shoulder, CI II, 4 inch	3070126	5.000	Syd
0130	Culv End Sect, Metal, 24 inch	4010098	1.000	Ea
0140	Culv, CI A, 24 inch	4010134	35.000	Ft
0150	Dr Structure Cover, Type K	4030050	1.000	Ea
0160	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0170	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0180	_ Dr Structure Cover, Adjust, Case 1, Modified	4037050	15.000	Ea
0190	Underdrain, Subgrade, 4 inch	4040071	865.000	Ft
0200	Underdrain Outlet, 4 inch	4040091	10.000	Ft
0210	Pavt, Cleaning	5010001	1.000	LSUM
0220	Hand Patching	5010025	6.000	Ton
0230	HMA, 13A	5010033	875.000	Ton
0240	HMA, 36A	5010034	875.000	Ton
0250	_ Cold Milling HMA Surface, Modified	5017011	10,490.000	Syd
0260	Driveway, Nonreinf Conc, 6 inch	8010005	24.000	Syd
0270	Curb and Gutter, Conc, Det F4	8020038	659.000	Ft

0280	Detectable Warning Surface	8030010	62.000	Ft
0290	Curb Ramp Opening, Conc	8030030	30.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	525.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	1,585.000	Sft
0320	Post, Steel, 3 lb	8100371	330.000	Ft
0330	Sign, Type III, Erect, Salv	8100402	29.000	Ea
0340	Sign, Type III, Rem	8100403	30.000	Ea
0350	Sign, Type IIIA	8100404	40.000	Sft
0360	Sign, Type IIIB	8100405	40.000	Sft
0370	Pavt Mrkg, Waterborne, 4 inch, White	8110231	216.000	Ft
0380	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,506.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	9.000	Ea
0420	Channelizing Device, 42 inch, Furn	8120030	35.000	Ea
0430	Channelizing Device, 42 inch, Oper	8120031	35.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0490	Traf Regulator Control	8120370	1.000	LSUM
0500	Slope Restoration, Type A	8160100	185.000	Syd
0510	Slope Restoration, Type B	8160101	62.000	Syd
0520	Monument Box	8210001	1.000	Ea
0530	Monument Preservation	8210010	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 181207 016

Letting Date: December 7, 2018

Contract ID: 80000-132351

Description: 0.60 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, trenching, aggregate shoulders, drainage and pavement markings on 72nd Avenue from M-40 to Nursery Street in the village of Lawton, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132351A	1801220	N/A	STUL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,400.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	9.000	Ea
0050	Machine Grading	2050030	50.000	Sta
0060	Subgrade Undercutting, Type II	2050041	40.000	Cyd
0070	Erosion Control, Silt Fence	2080036	300.000	Ft
0080	Aggregate Base, 4 inch	3020010	100.000	Syd
0090	_ Salvaged Aggregate Base, 4 inch	3027011	1,620.000	Syd
0100	HMA Base Crushing and Shaping	3050002	6,450.000	Syd
0110	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0120	Shoulder, CI II, 4 inch	3070126	1,685.000	Syd
0130	_ Trenching, Modified	3077002	50.000	Sta
0140	Sewer, CI A, 12 inch, Tr Det B	4020033	42.000	Ft
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0160	Dr Structure Cover, Type J	4030045	1.000	Ea
0170	_ Dr Structure, 48 inch dia, Leaching Basin	4037050	2.000	Ea
0180	HMA Surface, Rem	5010005	450.000	Syd
0190	Hand Patching	5010025	10.000	Ton
0200	HMA Approach	5010061	80.000	Ton
0210	HMA, LVSP	5010703	1,550.000	Ton
0220	Curb and Gutter, Conc, Det B2	8020016	230.000	Ft
0230	Post, Mailbox	8070095	7.000	Ea
0240	Post, Steel, 3 lb	8100371	230.000	Ft
0250	Sign, Type II, Rem	8100397	1.000	Ea
0260	Sign, Type IIB	8100399	8.000	Sft
0270	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0280	Sign, Type III, Rem	8100403	6.000	Ea
0290	Sign, Type IIIA	8100404	32.000	Sft
0300	Sign, Type IIIB	8100405	24.000	Sft
0310	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	30.000	Ft
0320	Pavt Mrkg, Thermopl, 4 inch, Yellow	8110196	625.000	Ft
0330	Recessing Pavt Mrkg, Longit	8110450	625.000	Ft
0340	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0350	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0360	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0370	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0380	Dust Palliative, Applied	8120100	10.000	Ton
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0410	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0420	Sign, Type A, Temp, Prismatic, Furn	8120340	450.000	Sft
0430	Sign, Type A, Temp, Prismatic, Oper	8120341	450.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	Slope Restoration, Type B	8160101	1,750.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 181207 017

Letting Date: December 7, 2018

Contract ID: 77000-203441

Description: Bridge removal and replacement and approach work on Fisher Road over the Black River, St Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203441A	1900021	N/A	EMRP 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$225,000	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017012	0.300	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	278.000	Ft
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	_ Pavg, Rem, Modified	2047011	1,760.000	Syd
0070	Embankment, CIP	2050010	115.000	Cyd
0080	Excavation, Earth	2050016	615.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	20.000	Ft
0100	Erosion Control, Filter Bag	2080014	2.000	Ea
0110	Erosion Control, Gravel Filter Berm	2080018	50.000	Ft
0120	Erosion Control, Silt Fence	2080036	716.000	Ft
0130	Erosion Control, Turbidity Curtain, Deep	2080042	254.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	_ Subbase, Modified	3017021	365.000	Cyd
0160	Aggregate Base	3020001	985.000	Ton
0170	Aggregate Surface Cse	3060006	205.000	Ton
0180	Approach, CI II	3070021	20.000	Ton
0190	Shoulder, CI II	3070121	100.000	Ton
0200	_ Shoulder, Cobble	3077031	70.000	Ton
0210	_ Geogrid Reinforcement	3087011	1,665.000	Syd
0220	_ Geotextile Base Reinforcement	3087011	1,665.000	Syd
0230	_ Sewer, CI A, 18 inch, Modified	4027001	100.000	Ft
0240	Dr Structure Cover, Type G	4030040	2.000	Ea
0250	_ Dr Structure, 36 inch dia	4037050	2.000	Ea
0260	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	1,489.000	Syd
0270	Joint, Contraction, Cp	6020200	660.000	Ft
0280	Joint, Expansion, E2	6020207	250.000	Ft

0290	Joint, Expansion, E3	6020208	90.000	Ft
0300	Curb and Gutter, Conc, Det D1	8020030	65.000	Ft
0310	_ Curb and Gutter, Bridge Approach, Modified	8027001	73.000	Ft
0320	_ Shoulder Gutter, Conc, Det 3, Modified	8027050	2.000	Ea
0330	Guardrail, Type B	8070000	75.000	Ft
0340	Guardrail, Curved, Type B	8070010	25.000	Ft
0350	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0360	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0370	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0380	Guardrail Reflector	8070080	29.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	305.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	305.000	Sft
0440	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	70.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	70.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	_ Cobble Spillway	8137011	24.000	Syd
0480	_ Riprap, Cobble	8137011	50.000	Syd
0490	_ Slope Restoration, Modified	8167011	2,050.000	Syd

Section: 2

0500	Structures, Rem	2040060	1.000	LSUM
0510	Excavation, Channel	2050015	1,420.000	Cyd
0520	_ Embankment, River	2057021	80.000	Cyd
0530	Backfill, Structure, CIP	2060002	200.000	Cyd
0540	Excavation, Fdn	2060010	1,250.000	Cyd
0550	_ Backfill, Structure, Modified	2067021	215.000	Cyd
0560	Underdrain, Fdn, 6 inch	4040033	122.000	Ft
0570	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0580	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0590	Cofferdams	7040007	1.000	LSUM
0600	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0610	Pile, Steel, Furn and Driven, 14 inch	7050034	1,456.000	Ft
0620	Pile Point, Steel	7050039	44.000	Ea
0630	Conc, Grade S2, Subfooting	7060012	15.000	Cyd
0640	Conc, Low Temperature Protection	7060020	462.000	Cyd
0650	Expansion Joint Device	7060050	31.000	Ft
0660	False Decking	7060060	4,440.000	Sft
0670	Reinforcement, Steel, Epoxy Coated	7060092	94,621.000	Lb
0680	Substructure Conc	7060100	238.000	Cyd
0690	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM

0700	_ Conc, Grade D, Modified	7067021	40.000	Cyd
0710	_ Superstructure Conc, Modified	7067021	179.000	Cyd
0720	_ Structure Name Plate	7067050	1.000	Ea
0730	_ Concrete Trial Batch	7067051	1.000	LSUM
0740	_ Prefabricated Steel Truss Vehicular Bridge, Erect	7077051	1.000	LSUM
0750	_ Prefabricated Steel Truss Vehicular Bridge, Furn and Fab	7077051	1.000	LSUM
0760	Joint Waterproofing	7100001	201.000	Sft
0770	Bridge Railing, 2 Tube	7110008	348.000	Ft
0780	Field Repair of Damaged Coating	7160001	1.000	LSUM
0790	Riprap, Plain	8130011	97.000	Ton
0800	_ Articulating Concrete Block System	8137011	455.000	Syd
0810	_ Riprap, Backfill	8137031	445.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 181207 018**Letting Date:** December 7, 2018**Contract ID:** 64000-200527**Description:** 2.70 mi of hot mix asphalt base crushing, shaping and resurfacing and pavement markings on Oceana Drive from Lever Road to north of Monroe Road, Oceana County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200527A	1801124	N/A	STL 64000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$119,300.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	100.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0050	Aggregate Base	3020001	500.000	Ton
0060	_ HMA Base Crushing and Shaping, Modified	3057011	55,000.000	Syd
0070	Maintenance Gravel, LM	3060021	200.000	Cyd
0080	Approach, CI I, 6 inch	3070008	550.000	Syd
0090	Approach, CI II, 6 inch	3070028	2,500.000	Syd
0100	_ Shoulder, CI II, 4 inch, Modified	3077011	10,400.000	Syd
0110	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
0120	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0130	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0140	HMA Surface, Rem	5010005	550.000	Syd
0150	HMA, 4E1	5010050	6,500.000	Ton
0160	HMA, 5E1	5010056	6,500.000	Ton
0170	HMA Approach	5010061	200.000	Ton
0180	Curb Sloped, HMA	8050010	500.000	Ft
0190	Post, Mailbox	8070095	10.000	Ea
0200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,600.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,000.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0260	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch,	8120265	40.000	Ft

	Stop Bar			
0280	PTS System, Temp, Furn	8120270	1.000	Ea
0290	PTS System, Temp, Oper	8120271	1.000	Ea
0300	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	823.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	823.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	112.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	112.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Mulch Blanket	8160027	100.000	Syd
0380	_ Surface Restoration	8167011	10,000.000	Syd
0390	Monument Box	8210001	2.000	Ea
0400	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 181207 019**Letting Date:** December 7, 2018**Contract ID:** 38000-133156

Description: Bridge reconstruction with a concrete precast three sided culvert, hot mix asphalt approach, steel sheet piling, earthwork and pavement markings on Moon Lake Road over the Dollar Lake Channel, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133156A	1900014	N/A	BO 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$115,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	12.000	Sta
0030	Guardrail, Rem	2040035	280.000	Ft
0040	Embankment, CIP	2050010	2,685.000	Cyd
0050	Excavation, Earth	2050016	420.000	Cyd
0060	Erosion Control, Silt Fence	2080036	2,235.000	Ft
0070	Aggregate Base, 8 inch	3020020	5,214.000	Syd
0080	Shoulder, CI II, 6 inch	3070128	375.000	Syd
0090	Geotextile, Stabilization	3080010	5,214.000	Syd
0100	HMA Surface, Rem	5010005	2,751.000	Syd
0110	HMA, LVSP	5010703	1,485.000	Ton
0120	Guardrail, Type MGS-8	8070004	183.000	Ft
0130	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0140	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0150	Sign, Type III, Rem	8100403	6.000	Ea
0160	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	2,300.000	Ft
0170	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	2,300.000	Ft
0180	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, White	8110133	2,300.000	Ft
0190	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	2,300.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	265.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	265.000	Sft

0270	_ Turf Establishment, Performance, Special	8167051	1.000	LSUM
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Section: 2

0280	Structures, Rem	2040060	1.000	LSUM
0290	Excavation, Channel	2050015	10.000	Cyd
0300	Backfill, Structure, CIP	2060002	1,060.000	Cyd
0310	Excavation, Fdn	2060010	1,455.000	Cyd
0320	Erosion Control, Filter Bag	2080014	2.000	Ea
0330	Underdrain, Fdn, 4 inch	4040031	104.000	Ft
0340	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0350	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0360	_ Culv, Precast Three-Sided or Arch, 29 foot by 6 foot	4067001	35.000	Ft
0370	Steel Sheet Piling, Permanent	7040001	8,760.000	Sft
0380	Cofferdams	7040007	1.000	LSUM
0390	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0400	Pile, Steel, Furn and Driven, 12 inch	7050030	1,490.000	Ft
0410	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0420	Pile Point, Steel	7050039	38.000	Ea
0430	Pile, Steel, Splice	7050050	38.000	Ea
0440	Conc, Grade S2, Subfooting	7060012	282.000	Cyd
0450	Conc, Low Temperature Protection	7060020	404.000	Cyd
0460	False Decking	7060060	540.000	Sft
0470	Reinforcement, Steel, Epoxy Coated	7060092	6,753.000	Lb
0480	Substructure Conc	7060100	122.000	Cyd
0490	Water Repellent Treatment, Penetrating	7060140	380.000	Syd
0500	Membrane, Preformed Waterproofing	7100008	1,330.000	Sft
0510	_ Bridge Railing, Aesthetic Parapet Tube, Modified	7117001	143.000	Ft
0520	_ Structure, Nameplate	7117050	1.000	Ea
0530	_ Riprap, Heavy, Modified	8137011	82.000	Syd
0540	_ Simulated Stone Masonry	8507011	200.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 181207 020**Letting Date:** December 7, 2018**Contract ID:** 74555-119026-2**Description:** 6.54 mi of hot mix asphalt overlay, aggregate shoulders and pavement markings on Ruth Road from M-46 north to the Deckerville south village limits, Sanilac County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
119026A	1800856	N/A	STL 74555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$68,100	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	330.000	Syd
0030	Approach, CI II	3070021	756.000	Ton
0040	Shoulder, CI II	3070121	6,445.000	Ton
0050	Pavt, Cleaning	5010001	1.000	LSUM
0060	Pavt for Butt Joints, Rem	5010008	930.000	Syd
0070	HMA Approach	5010061	176.000	Ton
0080	HMA, LVSP	5010703	7,902.000	Ton
0090	Post, Mailbox	8070095	1.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	22.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0120	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	69,028.000	Ft
0130	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	12,452.000	Ft
0140	Barricade, Type III, High Intensity, Lighted, Furn	8120022	2.000	Ea
0150	Barricade, Type III, High Intensity, Lighted, Oper	8120023	2.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,068.000	Ft
0200	Plastic Drum, High Intensity, Furn	8120250	116.000	Ea
0210	Plastic Drum, High Intensity, Oper	8120251	116.000	Ea
0220	Sign Cover	8120310	1.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,148.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	1,148.000	Sft
0250	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	7.000	Sft
0260	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	7.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	_ Slope Restoration	8167011	100.000	Syd
0290	Monument Box	8210001	1.000	Ea
0300	Monument Box Adjust	8210005	13.000	Ea
0310	Monument Preservation	8210010	1.000	Ea
0320	_ Railroad Protection, At Grade Crossing	8507060	500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 181207 021

Letting Date: December 7, 2018

Contract ID: 15555-130358

Description: 0.40 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ADA ramps and pavement markings on North Lake Street from State Street to south of Lakeview Road in the city of Boyne City, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130358A	1801102	N/A	STL 15555

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$15,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	613.000	Ft
0030	Sidewalk, Rem	2040055	280.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0060	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0070	Cold Milling HMA Surface	5010002	9,731.000	Syd
0080	HMA Surface, Rem	5010005	94.000	Syd
0090	Hand Patching	5010025	20.000	Ton
0100	HMA, LVSP	5010703	827.000	Ton
0110	Curb and Gutter, Conc, Det F4	8020038	295.000	Ft
0120	Curb Ramp Opening, Conc	8030030	318.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	655.000	Sft
0140	Sidewalk, Conc, 4 inch	8030044	1,475.000	Sft
0150	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0160	_ Detectable Warning Surface, Cast Iron	8037001	102.000	Ft
0170	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0180	Sign, Type III, Rem	8100403	5.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,560.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,570.000	Ft
0210	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	650.000	Ft
0220	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	50.000	Ft
0230	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	150.000	Ft
0240	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	5.000	Ea
0250	_ Pavt Mrkg, Waterborne, Only	8117050	5.000	Ea
0260	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	4.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0290	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0300	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0350	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0360	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0370	Sign Cover	8120310	6.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	40.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	40.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	_ Slope Restoration, Modified	8167011	400.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 181207 022

Letting Date: December 7, 2018

Contract ID: 23000-201173

Description: 0.50 mi of hot mix asphalt shared use path, timber boardwalk and fabricated bridge along Old River Trail from Webster Road to Hunter's Orchard Park, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201173A	1900013	N/A	TA 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$76,500.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0030	Tree, Rem, 37 inch or Larger	2020003	4.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	55.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0080	Fence, Rem	2040025	140.000	Ft
0090	Sidewalk, Rem	2040055	200.000	Syd
0100	Embankment, Structure, CIP	2050012	20.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0120	Backfill, Structure, CIP	2060002	250.000	Cyd
0130	Excavation, Fdn	2060010	300.000	Cyd
0140	Erosion Control, Filter Bag	2080014	2.000	Ea
0150	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0160	Subbase, CIP	3010002	1,050.000	Cyd
0170	_ Aggregate Base, 6 inch, 21AA Modified	3027011	3,300.000	Syd
0180	Approach, CI II, 6 inch	3070028	50.000	Syd
0190	Culv End Sect, Conc, 12 inch	4010047	10.000	Ea
0200	Culv, CI E, 12 inch	4010539	160.000	Ft
0210	Sewer, CI A, 8 inch, Tr Det B	4020031	100.000	Ft
0220	Dr Structure Cover, Type G	4030040	2.000	Ea
0230	Dr Structure, 24 inch dia	4030200	2.000	Ea
0240	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0250	HMA Surface, Rem	5010005	125.000	Syd
0260	Hand Patching	5010025	8.000	Ton
0270	HMA Approach	5010061	80.000	Ton
0280	_ Cofferdam	7047050	2.000	Ea

0290	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0300	Test Pile, Treated Timber	7050015	4.000	Ea
0310	_ 14' Wide Timber Boardwalk	7057001	240.000	Ft
0320	_ Pile, Treated Timber, Driven, Modified	7057050	36.000	Ea
0330	_ Pile, Treated Timber, Furn, Modified	7057050	36.000	Ea
0340	Reinforcement, Steel, Epoxy Coated	7060092	2,750.000	Lb
0350	Substructure Conc	7060100	55.000	Cyd
0360	_ Steel Pedestrian Bridge, Erect	7077050	1.000	Ea
0370	_ Steel Pedestrian Bridge, Furn and Fab	7077050	1.000	Ea
0380	Sidewalk Ramp, Conc, 6 inch	8030036	2,950.000	Sft
0390	Sidewalk, Conc, 4 inch	8030044	275.000	Sft
0400	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0410	Shared use Path, HMA	8060040	460.000	Ton
0420	_ Shared Use Path Grading, Modified	8067001	2,400.000	Ft
0430	_ Fence, Chain Link, 192 inch	8087001	135.000	Ft
0440	_ Fence, Ornamental Aluminum	8087001	210.000	Ft
0450	_ Fence Gate, Ornamental Aluminum, 12 Foot	8087050	1.000	Ea
0460	_ Relocate Gate and Gate Operator Control	8087050	1.000	Ea
0470	Post, Steel, 3 lb	8100371	156.000	Ft
0480	Sign, Type IIIB	8100405	216.000	Sft
0490	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	275.000	Ft
0500	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
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	500.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Riprap, Plain	8130010	20.000	Syd
0590	_ Park Bench w/ Back	8157050	1.000	Ea
0600	_ Park Bench w/out Back	8157050	2.000	Ea
0610	_ Turf Establishment	8167011	4,850.000	Syd
0620	Pedestal, Alum	8200100	4.000	Ea
0630	Pedestal, Fdn	8200105	4.000	Ea
0640	Pushbutton and Sign	8200121	4.000	Ea
0650	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	4.000	Ea
0660	_ Dewatering	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 181207 023**Letting Date:** December 7, 2018**Contract ID:** 11015-126888

Description: Bridge rehabilitation including deck patching, epoxy overlay, deep overlay, painting bearings, concrete beam patching, substructure repair, steel beam end repair, pin and hanger replacement, thrie beam retrofit, concrete surface coating, full paint, approach work and maintaining traffic on I-94 at Glenlord Road and at Cleveland Avenue, Berrien County. This project includes a 2 year bridge painting warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126888A	1900045	N/A	IM 11015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	21,000.000	Dlr
0060	Mobilization, Max \$237,000.00	1500001	1.000	LSUM
0070	Clearing	2010001	0.110	Acre
0080	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0090	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0100	Dr Structure, Rem	2030011	4.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	201.000	Ft
0120	Curb and Gutter, Rem	2040020	176.000	Ft
0130	Fence, Rem	2040025	166.000	Ft
0140	Guardrail, Rem	2040035	1,218.000	Ft
0150	Pavt, Rem	2040050	30.000	Syd
0160	Embankment, CIP	2050010	407.000	Cyd
0170	Excavation, Earth	2050016	790.000	Cyd
0180	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0190	Erosion Control, Silt Fence	2080036	1,525.000	Ft
0200	Subbase, CIP	3010002	454.000	Cyd
0210	Aggregate Base	3020001	4.000	Ton
0220	Aggregate Base, 6 inch	3020016	840.000	Syd
0230	Shoulder, CI II, 6 inch	3070128	244.000	Syd
0240	Culv, Downspout, 12 inch	4010795	108.000	Ft
0250	Dr Marker Post	4011109	4.000	Ea
0260	HMA Surface, Rem	5010005	740.000	Syd

0270	Hand Patching	5010025	10.000	Ton
0280	HMA Approach	5010061	178.000	Ton
0290	Joint, Expansion, E3	6020208	102.000	Ft
0300	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	34.000	Syd
0310	Conc Pavt, Bridge Approach, Reinf	6020600	250.000	Syd
0320	Conc, Grade S2	7060011	4.000	Cyd
0330	Reinforcement, Steel	7060090	160.000	Lb
0340	Curb and Gutter, Bridge Approach	8020010	172.000	Ft
0350	Downspout Header, Conc	8020070	4.000	Ea
0360	_ Valley Gutter, Conc, Modified	8027001	50.000	Ft
0370	Guardrail, Type B	8070000	63.000	Ft
0380	Guardrail, Type MGS-8	8070004	987.000	Ft
0390	Guardrail, Curved, Type B	8070010	38.000	Ft
0400	Guardrail Anch, Bridge, Det A1	8070020	1.000	Ea
0410	Guardrail Anch, Bridge, Det A2	8070021	3.000	Ea
0420	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0430	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0440	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0450	Guardrail Reflector	8070080	64.000	Ea
0460	_ Guardrail Anch Bridge, Det A2, Modified	8077050	2.000	Ea
0470	Delineator Reflector, Green	8100133	8.000	Ea
0480	Post, Rigid, Delineator	8100361	8.000	Ea
0490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,170.000	Ft
0500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,470.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,170.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,470.000	Ft
0530	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	3,274.000	Ft
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0560	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
0570	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0580	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0590	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	2.000	Ea
0600	Conc Barrier, Temp, Adj	8120080	2,000.000	Ft
0610	Conc Barrier, Temp, Furn	8120081	1,000.000	Ft
0620	Conc Barrier, Temp, Oper	8120082	1,000.000	Ft
0630	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0650	Minor Traf Devices	8120170	1.000	LSUM
0660	Mobile Attenuator	8120180	2.000	Ea
0670	Pavt Mrkg Cover, Type R, Black	8120200	2,000.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	36,000.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	36,000.000	Ft

Yellow, Temp

0700	Plastic Drum, Fluorescent, Furn	8120252	600.000	Ea
0710	Plastic Drum, Fluorescent, Oper	8120253	600.000	Ea
0720	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0730	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	2,127.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	2,127.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	520.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	520.000	Sft
0780	Riprap, Plain	8130010	20.000	Syd
0790	Slope Restoration, Type B	8160101	834.000	Syd
0800	Slope Restoration, Type C	8160102	1,589.000	Syd
0810	Contractor Staking	8240001	1.000	LSUM
0820	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
0830	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0840	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr

Section: 2

0850	HMA Patch, Rem	5010006	25.000	Syd
0860	Bridge Ltg, Furn and Rem (S19 of 11015)	7060001	1.000	LSUM
0870	Bridge Ltg, Oper and Maintain	7060002	127.000	Cyd
0880	Conc, Grade D	7060010	43.000	Cyd
0890	Expansion Joint Device	7060050	248.000	Ft
0900	False Decking	7060060	14,133.000	Sft
0910	Reinforcement, Steel, Epoxy Coated	7060092	57,306.000	Lb
0920	Substructure Conc, High Performance	7060101	11.000	Cyd
0930	Superstructure Conc, Form, Finish, and Cure, Night Casting (S19 of 11015)	7060112	1.000	LSUM
0940	Superstructure Conc, Night Casting, High Performance	7060117	127.000	Cyd
0950	Bushing	7070030	48.000	Ea
0960	Shear Developers (S19 of 11015)	7070040	1.000	LSUM
0970	Joint Waterproofing	7100001	408.000	Sft
0980	Joint Waterproofing, Expansion	7100003	131.000	Sft
0990	Conc Surface Coating, Warranty (S18 of 11015)	7100009	1.000	LSUM
1000	Conc Surface Coating, Warranty (S19 of 11015)	7100009	1.000	LSUM
1010	Substructure Horizontal Surface Sealer (S18 of 11015)	7100030	20.000	Syd
1020	_ Rem and Salvage of Type R-4 Railing Components	7107051	1.000	LSUM
1030	_ Transporting Salvaged Type R-4 Railing Materials	7107051	1.000	LSUM
1040	Bridge Railing, Thrie Beam Retrofit	7110006	683.000	Ft
1050	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	761.000	Ft
1060	Scarifying	7120001	1,014.000	Syd
1070	Hand Chipping, Shallow	7120003	87.000	Syd
1080	Hand Chipping, Deep	7120004	87.000	Syd
1090	Hand Chipping, Other Than Deck	7120007	1,006.000	Cft

1100	Patch, Full Depth	7120010	5.000	Cyd
1110	Patch, Forming	7120017	3,652.000	Sft
1120	Epoxy Ovly	7120020	987.000	Syd
1130	Bridge Deck Surface Construction	7120025	1,014.000	Syd
1140	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	76.000	Ea
1150	Structures, Rehabilitation, Rem Portions (S18 of 11015)	7120070	1.000	LSUM
1160	Structures, Rehabilitation, Rem Portions (S19 of 11015)	7120070	1.000	LSUM
1170	Deck Joint, Rem	7120071	245.000	Ft
1180	Hydrodemolition, First Pass	7120076	1,014.000	Syd
1190	Hydrodemolition, Second Pass	7120077	102.000	Syd
1200	Reinforcement, Mechanical Splice	7120084	243.000	Ea
1210	Top Flanges and Beam Ends, Clean and Coat	7120100	296.000	Syd
1220	Patching Conc, C-L	7120112	57.000	Cyd
1230	Embedded Galvanic Anode	7120120	1,281.000	Ea
1240	_ Hand Chipping, Special	7127010	1,000.000	Sft
1250	_ Hand Chipping, Full Depth	7127020	540.000	Cft
1260	_ Conc, Deep Bridge Deck Ovly	7127021	180.000	Cyd
1270	Beam Plate, Seal Perimeter	7130010	21,469.000	Ft
1280	Hanger Assembly, Field Measurement	7130030	12.000	Ea
1290	Hanger Assembly, Rem and Erect	7130031	12.000	Ea
1300	Structural Steel, Furn and Fab, Pin and Hanger	7130070	6,009.000	Lb
1310	Support, Suspension, Temp	7130082	12.000	Ea
1320	_ Pack Rust Repair	7137001	1,141.000	Ft
1330	Steel Structure, Cleaning, Type 4 (S19 of 11015)	7150045	1.000	LSUM
1340	Steel Structure, Coating, Type 4 (S19 of 11015)	7150046	1.000	LSUM
1350	Steel Structure, Cleaning, Partial, Type 4 (S18 of 11015)	7150047	1.000	LSUM
1360	Steel Structure, Coating, Partial, Type 4 (S18 of 11015)	7150048	1.000	LSUM
1370	Field Repair of Damaged Coating (S19 of 11015)	7160001	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 181207 024**Letting Date:** December 7, 2018**Contract ID:** 71071-201114**Description:** 26.07 mi of single chip seal with fog seal on US-23 and M-65 at various locations, Alcona County. This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201114A	1801194	N/A	ST 71071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$163,000.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	6,513.000	Ton
0030	Overband Crack Fill, Lane	5020003	52.130	Lnmi
0040	Chip Seal, Single, Warranty	5050040	497,580.000	Syd
0050	_ Seal, Fog	5057011	497,580.000	Syd
0060	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	59,060.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	275,350.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	59,060.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	275,350.000	Ft
0100	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0110	_ Traffic Control	8127051	1.000	LSUM



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 025**Letting Date:** December 7, 2018**Contract ID:** 80013-200135

Description: Bridge rehabilitation including concrete deck patching, scour protection, temporary path, substructure and beam end repairs on I-96 over abandoned railroad and Black River/Kal-Haven Trail, Van Buren County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200135A	N/A	N/A	GF19 80013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$85,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.700	Acre
0030	Fence, Rem	2040025	79.000	Ft
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0050	_ Phragmites Plant Material Handling and Disposal, LM	2057021	50.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	188.000	Ft
0070	Erosion Control, Maintenance, Sediment Removal	2080026	21.000	Cyd
0080	Erosion Control, Sediment Basin	2080032	40.000	Cyd
0090	Erosion Control, Sediment Trap	2080034	2.000	Ea
0100	_ Straw Wattle	2087001	565.000	Ft
0110	_ Temp Haul Road	8007051	1.000	LSUM
0120	Guardrail, Type MGS-8	8070004	29.000	Ft
0130	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0140	Guardrail Reflector	8070080	17.000	Ea
0150	Guardrail, Reconst, Type T	8070109	200.000	Ft
0160	Fence, Woven Wire with Steel Post	8080002	79.000	Ft
0170	Post, Wood, 6 inch by 8 inch	8100382	30.000	Ft
0180	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0190	Sign, Type I, Rem	8100391	1.000	Ea
0200	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	12.000	Ea
0210	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	12.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Mobile Attenuator	8120180	4.000	Ea
0260	Pavt Mrkg Cover, Type R, Black	8120200	2,800.000	Ft

0270	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0290	Sign Cover	8120310	10.000	Ea
0300	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0310	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	1,482.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	1,482.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0360	Fertilizer, Chemical Nutrient, CI B	8160021	117.000	Lb
0370	Mulch	8160025	4,222.000	Syd
0380	Mulch Anchoring	8160026	4,222.000	Syd
0390	Mulch Blanket	8160027	1,810.000	Syd
0400	Mulch Blanket, High Velocity	8160028	676.000	Syd
0410	Seeding, Mixture CR	8160035	31.000	Lb
0420	Seeding, Mixture THV	8160040	214.000	Lb
0430	Topsoil Surface, Salv, 3 inch	8160076	4,700.000	Syd

Section: 2

0440	Erosion Control, Silt Fence	2080036	150.000	Ft
0450	Erosion Control, Turbidity Curtain, Deep	2080042	720.000	Ft
0460	Water Repellent Treatment, Penetrating	7060140	1,502.000	Syd
0470	Substructure Horizontal Surface Sealer (R01-1 of 80013)	7100030	42.000	Syd
0480	Substructure Horizontal Surface Sealer (R01-2 of 80013)	7100030	42.000	Syd
0490	Hand Chipping, Other Than Deck	7120007	587.000	Cft
0500	Patch, Forming	7120017	1,189.000	Sft
0510	Flushing Cracks, Water	7120098	1,400.000	Ft
0520	Structural Crack, Repr	7120099	1,400.000	Ft
0530	Patching Conc, C-L	7120112	23.000	Cyd
0540	Embedded Galvanic Anode	7120120	587.000	Ea
0550	_ Hand Chipping, Special	7127010	15.000	Sft
0560	_ Beam End Repair, Latex Modified Conc	7127020	8.000	Cft
0570	_ Support, Temp, Special, Type 2	7137050	21.000	Ea
0580	_ Outdoor Trail, Temp	8007001	225.000	Ft
0590	_ Temp Pedestrian Enclosure (R01-1 of 80013)	8007051	1.000	LSUM
0600	_ Temp Pedestrian Enclosure (R01-2 of 80013)	8007051	1.000	LSUM
0610	_ Riprap, Special	8137011	2,752.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 181207 026

Letting Date: December 7, 2018

Contract ID: 13083-201345

Description: Bridge rehabilitation including shallow polyester polymer concrete overlay, full depth deck patching, resealing joints, thrie beam retrofit and approach work on 24 Mile Road over I-94, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201345A	1900046	N/A	BOI 13083

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	142.000	Ft
0030	Guardrail, Rem	2040035	808.000	Ft
0040	Embankment, LM	2050011	10.000	Cyd
0050	Excavation, Earth	2050016	175.000	Cyd
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Aggregate Base, 6 inch	3020016	115.000	Syd
0080	Approach, CI II	3070021	1.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0100	Dr Structure Cover, Type K	4030050	4.000	Ea
0110	HMA Surface, Rem	5010005	193.000	Syd
0120	HMA Approach	5010061	75.000	Ton
0130	Curb and Gutter, Conc, Det D2	8020031	104.000	Ft
0140	Guardrail, Type B	8070000	600.000	Ft
0150	Guardrail Anch, Bridge, Det A2	8070021	4.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	600.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	600.000	Ft
0180	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0190	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0200	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0240	Sign Cover	8120310	5.000	Ea
0250	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0260	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	1,406.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	1,406.000	Sft

0290	Slope Restoration, Type A	8160100	120.000	Syd
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Section: 2

0300	HMA Patch, Rem	5010006	2.000	Syd
0310	False Decking	7060060	721.000	Sft
0320	Reinforcement, Steel, Epoxy Coated	7060092	1,915.000	Lb
0330	Bridge Railing, Thrie Beam Retrofit	7110006	456.000	Ft
0340	Scarifying	7120001	607.000	Syd
0350	Hand Chipping, Deep	7120004	279.000	Syd
0360	Patch, Full Depth	7120010	19.000	Cyd
0370	Bridge Deck Surface Construction	7120025	607.000	Syd
0380	Embedded Galvanic Anode	7120120	224.000	Ea
0390	_ Placing and Finishing Polyester Polymer Conc Ovly	7127011	586.000	Syd
0400	_ Hand Chipping, Full Depth	7127020	445.000	Cft
0410	_ Polyester Polymer Conc Ovly	7127021	52.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 181207 027

Letting Date: December 7, 2018

Contract ID: 70024-200662

Description: 3.96 mi of two course hot mix asphalt cold milling and resurfacing, concrete curb, gutter, bridge approach, culverts, drainage, guardrail, shoulder corrugations and pavement markings on I-196 from the Ottawa/Allegan county line to Byron Road, Ottawa County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200662A	1801164	N/A	IM 70024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$474,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	6.000	Ea
0050	Curb and Gutter, Rem	2040020	152.000	Ft
0060	Guardrail, Rem	2040035	10,330.000	Ft
0070	Pavt, Rem	2040050	948.000	Syd
0080	Ditch Cleanout	2050006	20.000	Sta
0090	Excavation, Earth	2050016	692.000	Cyd
0100	_ Berm Grading	2057002	50.000	Sta
0110	_ Embankment, CIP, Special	2057021	1,087.000	Cyd
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	500.000	Ft
0140	Subbase, CIP	3010002	552.000	Cyd
0150	Aggregate Base, 6 inch	3020016	512.000	Syd
0160	Aggregate Base, 12 inch	3020030	448.000	Syd
0170	Shoulder, CI II	3070121	1,084.000	Ton
0180	Trenching	3070200	21.000	Sta
0190	Culv End Sect, 24 inch	4010024	6.000	Ea
0200	Culv, CI A, Conc, 24 inch	4010168	158.000	Ft
0210	Dr Marker Post	4011109	98.000	Ea
0220	_ Culvert Cleanout	4017001	200.000	Ft
0230	Trench Undercut and Backfill	4021260	5.000	Cyd
0240	Underdrain, Subbase, 6 inch	4040063	228.000	Ft
0250	Underdrain, Subgrade, 6 inch	4040073	50.000	Ft
0260	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0270	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea

0280	_ Underdrain Outlet Cleanout	4047050	48.000	Ea
0290	Pavt, Cleaning	5010001	1.000	LSUM
0300	Cold Milling HMA Surface	5010002	196,716.000	Syd
0310	Bump Grinding	5010004	600.000	Syd
0320	HMA Surface, Rem	5010005	872.000	Syd
0330	HMA Quality Initiative	5010007	74,719.000	Dlr
0340	Longitudinal Joint Density Quality Initiative	5010018	89,342.000	Dlr
0350	Hand Patching	5010025	108.000	Ton
0360	HMA, 4E3	5010051	4,804.000	Ton
0370	HMA, 4E10	5010052	15,480.000	Ton
0380	HMA, 5E3	5010057	3,712.000	Ton
0390	HMA, 5E10	5010058	11,962.000	Ton
0400	HMA Approach	5010061	3,272.000	Ton
0410	_ Ride Incentive	5017060	55,462.000	Dlr
0420	Joint, Expansion, E3	6020208	96.000	Ft
0430	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	80.000	Syd
0440	Cement	6030005	18.000	Ton
0450	Cold Milling Conc Pavt	6030014	320.000	Syd
0460	Joint, Expansion, Erg	6030021	1,024.000	Ft
0470	Non-Chloride Accelerator	6030035	280.000	Gal
0480	Pavt Repr, Nonreinf Conc, 13 inch	6030053	320.000	Syd
0490	Pavt Repr, Rem	6030080	320.000	Syd
0500	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	448.000	Syd
0510	Conc, Grade D	7060010	8.000	Cyd
0520	Hand Chipping, Shallow	7120003	12.000	Syd
0530	Hand Chipping, Deep	7120004	12.000	Syd
0540	Curb and Gutter, Bridge Approach	8020010	152.000	Ft
0550	Downspout Header, Conc	8020070	1.000	Ea
0560	Guardrail, Type MGS-8	8070004	8,473.000	Ft
0570	Guardrail Anch, Bridge, Det T4	8070025	17.000	Ea
0580	Guardrail Approach Terminal, Type 2M	8070044	19.000	Ea
0590	Guardrail Departing Terminal, Type MGS	8070052	14.000	Ea
0600	Guardrail Reflector	8070080	205.000	Ea
0610	Fence, Woven Wire with Steel Post	8080002	500.000	Ft
0620	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	40.000	Ea
0630	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	58.000	Ea
0640	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	190.000	Ea
0650	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	154.000	Ea
0660	Delineator, Rem	8100349	376.000	Ea
0670	Post, Rigid, Delineator	8100361	416.000	Ea
0680	Post, Steel, 3 lb	8100371	52.000	Ft
0690	Sign, Type IIIA	8100404	6.000	Sft
0700	Pavt Mrkg, Polyurea, 4 inch, White	8110091	11,590.000	Ft

0710	Pavt Mrkg, Polyurea, 6 inch, White	8110094	46,013.000	Ft
0720	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	45,523.000	Ft
0730	Pavt Mrkg, Polyurea, 12 inch, White	8110111	5,710.000	Ft
0740	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	3.000	Ea
0750	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	108.000	Ft
0760	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,256.000	Ft
0770	Recessing Pavt Mrkg, Longit	8110450	108,836.000	Ft
0780	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0790	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
0800	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0810	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0820	Conc Barrier, Temp, Adj	8120080	1,480.000	Ft
0830	Conc Barrier, Temp, Furn	8120081	1,480.000	Ft
0840	Conc Barrier, Temp, Oper	8120082	1,480.000	Ft
0850	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0860	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0870	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0880	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0890	Minor Traf Devices	8120170	1.000	LSUM
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,600.000	Ft
0910	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,920.000	Ft
0920	Plastic Drum, Fluorescent, Furn	8120252	514.000	Ea
0930	Plastic Drum, Fluorescent, Oper	8120253	514.000	Ea
0940	Sign Cover	8120310	4.000	Ea
0950	Sign Cover, Type 1	8120320	4.000	Ea
0960	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0970	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0980	Sign, Type A, Temp, Prismatic, Furn	8120340	96.000	Sft
0990	Sign, Type A, Temp, Prismatic, Oper	8120341	96.000	Sft
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	1,674.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	1,674.000	Sft
1020	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
1030	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
1040	Riprap, Plain	8130010	6.000	Syd
1050	Slope Restoration, Type A	8160100	800.000	Syd
1060	Slope Restoration, Type B	8160101	4,200.000	Syd
1070	Monument Preservation	8210010	19.000	Ea
1080	Shoulder Corrugations, Ground or Cut, HMA	8220001	41,596.000	Ft
1090	Contractor Staking	8240001	1.000	LSUM
1100	Staking Plan Errors and Extras, One Person	8240020	34.000	Hr
1110	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr

1120	Staking Plan Errors and Extras, Three Person	8240022	20.000	Hr
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Schedule of Pay Items

Report v1

Letting Call: 181207 028

Letting Date: December 7, 2018

Contract ID: 34044-110038

Description: Hot mix asphalt resurfacing of existing carpool parking lot with minor widening on I-96 at Grand River Avenue in the northwest quadrant and bridge replacement on Cutler Road over I-96, Ionia County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
110038A	1900052	N/A	ST 34044
115817A	1900053	N/A	BOI 34044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$406,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.030	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	16.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0090	Dr Structure, Rem	2030011	4.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	185.000	Ft
0110	Curb and Gutter, Rem	2040020	130.000	Ft
0120	Fence, Rem	2040025	324.000	Ft
0130	Guardrail, Rem	2040035	2,510.000	Ft
0140	Excavation, Earth	2050016	908.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0160	_ Embankment, CIP, Special	2057021	6,556.000	Cyd
0170	Aggregate, 6A	2060001	100.000	Cyd
0180	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0190	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0200	Erosion Control, Maintenance, Sediment Removal	2080026	7.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	8.000	Ea
0220	Erosion Control, Silt Fence	2080036	3,085.000	Ft
0230	Subbase, CIP	3010002	4,160.000	Cyd
0240	Aggregate Base, 6 inch	3020016	4,384.000	Syd
0250	Aggregate Base, 12 inch	3020030	198.000	Syd
0260	Approach, CI II, 6 inch	3070028	264.000	Syd

0270	Shoulder, CI II, 4 inch	3070126	70.000	Syd
0280	Shoulder, CI II, 6 inch	3070128	492.000	Syd
0290	Culv End Sect, 18 inch	4010018	1.000	Ea
0300	Culv, CI A, 18 inch	4010133	157.000	Ft
0310	Culv, Downspout, 15 inch	4010796	283.000	Ft
0320	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	1.000	Ea
0330	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	1.000	Ea
0340	Underdrain, Bank, 6 inch	4040003	200.000	Ft
0350	Underdrain, Subbase, 6 inch	4040063	100.000	Ft
0360	Underdrain Outlet, 6 inch	4040093	210.000	Ft
0370	Underdrain, Outlet Ending, 6 inch	4040113	7.000	Ea
0380	HMA Surface, Rem	5010005	3,877.000	Syd
0390	HMA Quality Initiative	5010007	2,132.000	Dlr
0400	Longitudinal Joint Density Quality Initiative	5010018	3,100.000	Dlr
0410	HMA Approach	5010061	185.000	Ton
0420	HMA, LVSP	5010703	880.000	Ton
0430	Joint, Expansion, E3	6020208	74.000	Ft
0440	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	195.000	Syd
0450	Conc, Grade S2	7060011	4.000	Cyd
0460	Reinforcement, Steel, Culv and Headwall	7060091	184.000	Lb
0470	Curb and Gutter, Bridge Approach	8020010	280.000	Ft
0480	Downspout Header, Conc	8020070	4.000	Ea
0490	Curb Sloped, HMA	8050010	444.000	Ft
0500	Guardrail, Type MGS-8	8070004	1,746.000	Ft
0510	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0520	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0530	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0540	Guardrail Reflector	8070080	38.000	Ea
0550	Cable Barrier, High Tension, Salv	8070201	450.000	Ft
0560	Cable Barrier, High Tension, Reconst	8070202	450.000	Ft
0570	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	60.000	Ea
0580	Cable Barrier, High Tension, Line Post Fdn	8070221	60.000	Ea
0590	Fence, Woven Wire with Steel Post	8080002	324.000	Ft
0600	Fence, Protective	8080007	500.000	Ft
0610	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0620	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
0630	Post, Steel, 3 lb	8100371	51.000	Ft
0640	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0650	Sign, Type III, Rem	8100403	3.000	Ea
0660	Sign, Type IIIA	8100404	2.000	Sft
0670	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0680	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0690	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,000.000	Ft
0700	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,000.000	Ft
0710	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	200.000	Ft

0720	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,000.000	Ft
0740	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,000.000	Ft
0750	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	200.000	Ft
0760	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	35.000	Ft
0770	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	326.000	Ft
0780	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0790	Pavt Mrkg, Modified Urethane, 6 inch, Cross Hatching White	8110533	123.000	Ft
0800	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0810	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0820	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
0830	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
0840	Conc Barrier Reflector Replacement	8120070	25.000	Ea
0850	Conc Barrier, Temp, Furn	8120081	2,800.000	Ft
0860	Conc Barrier, Temp, Oper	8120082	2,800.000	Ft
0870	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0880	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0890	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0900	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0910	Ltg for Night Work	8120160	1.000	LSUM
0920	Minor Traf Devices	8120170	1.000	LSUM
0930	Mobile Attenuator	8120180	1.000	Ea
0940	Pavt Mrkg Cover, Type R, Black	8120200	3,200.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	200.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	200.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0990	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
1000	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
1010	Sign Cover	8120310	20.000	Ea
1020	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	16.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	16.000	Ea
1040	Sign, Type B, Temp, Prismatic, Furn	8120350	2,044.000	Sft
1050	Sign, Type B, Temp, Prismatic, Oper	8120351	2,044.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	106.000	Sft
1070	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	106.000	Sft
1080	Traf Regulator Control	8120370	1.000	LSUM
1090	_ Traf Speed Sensor, Portable, Temp	8127050	10.000	Ea

1100	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1110	Riprap, Plain	8130010	36.000	Syd
1120	_ HMA Spillway	8147011	24.000	Syd
1130	Slope Restoration, Type A	8160100	4,770.000	Syd
1140	Slope Restoration, Type B	8160101	5,250.000	Syd
1150	Slope Restoration, Type C	8160102	6,400.000	Syd
1160	Gate Box, Adj, Case 2	8230432	1.000	Ea
1170	_ Hydrant, Adjust	8237050	1.000	Ea
1180	Contractor Staking	8240001	1.000	LSUM
1190	Staking Plan Errors and Extras, One Person	8240020	34.000	Hr
1200	Staking Plan Errors and Extras, Two Person	8240021	14.000	Hr
1210	Staking Plan Errors and Extras, Three Person	8240022	21.000	Hr

Section: 2

1220	Structures, Rem Portions (S10 of 34044)	2040061	1.000	LSUM
1230	Embankment, Structure, CIP	2050012	1,100.000	Cyd
1240	Backfill, Structure, CIP	2060002	13,000.000	Cyd
1250	Excavation, Fdn	2060010	14,000.000	Cyd
1260	Aggregate Base	3020001	575.000	Ton
1270	_ Geotextile, Separator, Non-Woven	3087011	160.000	Syd
1280	Underdrain, Fdn, 4 inch	4040031	450.000	Ft
1290	Underdrain, Fdn, 6 inch	4040033	250.000	Ft
1300	Underdrain Outlet, 4 inch	4040091	72.000	Ft
1310	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
1320	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	2,000.000	Sft
1330	Bridge Ltg, Furn and Rem (S10 of 34044)	7060001	1.000	LSUM
1340	Bridge Ltg, Oper and Maintain	7060002	402.000	Cyd
1350	Expansion Joint Device	7060050	81.000	Ft
1360	False Decking	7060060	23,300.000	Sft
1370	Reinforcement, Steel, Epoxy Coated	7060092	201,685.000	Lb
1380	Substructure Conc, High Performance	7060101	1,053.000	Cyd
1390	Superstructure Conc, Form, Finish, and Cure (S10 of 34044)	7060111	1.000	LSUM
1400	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10 of 34044)	7060112	1.000	LSUM
1410	Superstructure Conc, High Performance	7060116	43.000	Cyd
1420	Superstructure Conc, Night Casting, High Performance	7060117	402.000	Cyd
1430	_ Texturing Conc	7067011	382.000	Syd
1440	Bearing, Elastomeric, 3 inch	7070020	2,880.000	Sin
1450	Bearing, Elastomeric, 3 3/4 inch	7070023	2,760.000	Sin
1460	Shear Developers (S10 of 34044)	7070040	1.000	LSUM
1470	Structural Steel, Plate, Erect	7070060	500,000.000	Lb
1480	Structural Steel, Plate, Furn and Fab	7070061	500,000.000	Lb
1490	Joint Waterproofing	7100001	598.000	Sft

1500	Joint Waterproofing, Expansion	7100003	170.000	Sft
1510	Conc Surface Coating, Warranty (S10 of 34044)	7100009	1.000	LSUM
1520	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
1530	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	628.000	Ft
1540	Field Repair of Damaged Coating (S10 of 34044)	7160001	1.000	LSUM
1550	Slope Paving Header	8130015	175.000	Ft
1560	Slope Paving, Conc	8130020	110.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 181207 029

Letting Date: December 7, 2018

Contract ID: 67000-128719

Description: 12.28 mi of hot mix asphalt cold milling, resurfacing and pavement markings and carpool lot reconstruction on US-131 from south of 14 Mile Road north to the White Pine Trail and at 20 Mile Road, Osceola and Wexford Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128719A	1900063	N/A	ST 67015
131663A	1801118	N/A	NH 67015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$241,400.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	225.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0040	_ Embankment, CIP, Special	2057021	24.000	Cyd
0050	Erosion Control, Maintenance, Sediment Removal	2080026	3.000	Cyd
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Subbase, CIP	3010002	100.000	Cyd
0080	Aggregate Base, 6 inch	3020016	242.000	Syd
0090	Aggregate Base, Conditioning	3020050	983.000	Syd
0100	Approach, CI II	3070021	45.000	Ton
0110	Shoulder, CI II	3070121	1,277.000	Ton
0120	Underdrain, Subbase, 6 inch	4040063	120.000	Ft
0130	Underdrain Outlet, 6 inch	4040093	220.000	Ft
0140	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0150	Cold Milling HMA Surface	5010002	252,099.000	Syd
0160	Bump Grinding	5010004	200.000	Syd
0170	HMA Surface, Rem	5010005	1,030.000	Syd
0180	HMA Quality Initiative	5010007	45,650.000	Dlr
0190	Longitudinal Joint Density Quality Initiative	5010018	79,273.000	Dlr
0200	Hand Patching	5010025	5.000	Ton
0210	HMA, 5E10	5010058	16,772.000	Ton
0220	HMA Approach	5010061	559.000	Ton
0230	HMA, 5E10, High Stress	5010516	839.000	Ton
0240	HMA, LVSP	5010703	4,649.000	Ton
0250	HMA Crack Treatment, Lane	5020005	24.570	Lnmi

0260	_ Pavt Sensor, Invasive Condition, Replacement	8007050	1.000	Ea
0270	Curb and Gutter, Conc, Det B2	8020016	90.000	Ft
0280	Delineator Reflector, Green	8100133	4.000	Ea
0290	Delineator Reflector, White	8100134	4.000	Ea
0300	Delineator, Rem	8100349	5.000	Ea
0310	Post, Rigid, Delineator	8100361	6.000	Ea
0320	Post, Steel, 3 lb	8100371	14.000	Ft
0330	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0340	Sign, Type III, Rem	8100403	1.000	Ea
0350	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	2.000	Ea
0360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	77.000	Ft
0370	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,398.000	Ft
0390	Pavt Mrkg, Waterborne, 6 inch, White	8110233	72,766.000	Ft
0400	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	72,213.000	Ft
0410	Pavt Mrkg, Waterborne, 12 inch, White	8110237	5,228.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	16,398.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	72,766.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	72,213.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	5,228.000	Ft
0460	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	126.000	Ft
0470	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	396.000	Ft
0480	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0490	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0500	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0510	Recessing Pavt Mrkg, Longit	8110450	16,215.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,366.000	Ft
0580	Plastic Drum, Fluorescent, Furn	8120252	800.000	Ea
0590	Plastic Drum, Fluorescent, Oper	8120253	800.000	Ea
0600	Sign Cover	8120310	4.000	Ea
0610	Sign Cover, Type 1	8120320	2.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0640	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0650	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0660	Sign, Type B, Temp, Prismatic, Furn	8120350	1,280.000	Sft

0670	Sign, Type B, Temp, Prismatic, Oper	8120351	1,280.000	Sft
0680	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	209.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	209.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM
0710	Slope Restoration, Type B	8160101	920.000	Syd
0720	Monument Box Adjust	8210005	1.000	Ea
0730	Protect Corners	8210020	1.000	Ea
0740	Shoulder Corrugations, Ground or Cut, HMA	8220001	66,258.000	Ft
0750	Contractor Staking, Road Only	8240007	1.000	LSUM
0760	Staking Plan Errors and Extras, One Person	8240020	20.000	Hr
0770	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0780	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 030

Letting Date: December 7, 2018

Contract ID: 49023-119052

Description: Bridge removal and replacement with 35-inch plate girder, concrete curb, gutter, approach, guardrail, drainage, cofferdam, steel sheet piling, signage and pavement markings on US-2 over Brevort River, Mackinaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119052A	1900049	N/A	NH 49023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$182,900.00	1500001	1.000	LSUM
0030	Guardrail, Rem	2040035	1,028.000	Ft
0040	Pavt, Rem	2040050	1,434.000	Syd
0050	Embankment, CIP	2050010	173.000	Cyd
0060	Excavation, Earth	2050016	1,579.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	68.000	Ft
0090	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	864.000	Ft
0120	Subbase, CIP	3010002	1,424.000	Cyd
0130	Aggregate Base	3020001	1,499.000	Ton
0140	Shoulder, CI II	3070121	1,177.000	Ton
0150	Dr Marker Post	4011109	8.000	Ea
0160	Underdrain, Subbase, 6 inch	4040063	1,014.000	Ft
0170	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0180	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0190	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0200	HMA Surface, Rem	5010005	2,745.000	Syd
0210	HMA Quality Initiative	5010007	1,264.000	Dlr
0220	Longitudinal Joint Density Quality Initiative	5010018	3,857.000	Dlr
0230	HMA, 4E3	5010051	430.000	Ton
0240	HMA, 5E3	5010057	202.000	Ton
0250	_ HMA, Ultra-Thin, Low Volume	5047011	28,160.000	Syd
0260	Joint, Expansion, E3	6020208	46.000	Ft
0270	Conc Pavt, Bridge Approach, Reinf	6020600	100.000	Syd

0280	Curb and Gutter, Bridge Approach	8020010	80.000	Ft
0290	Guardrail, Type MGS-8	8070004	427.000	Ft
0300	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0310	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0320	Guardrail Reflector	8070080	24.000	Ea
0330	Fence, Protective	8080007	702.000	Ft
0340	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	4.000	Ea
0350	Fdn, Wood Support, Rem	8100280	3.000	Ea
0360	Delineator, Rem	8100349	6.000	Ea
0370	Post, Flexible, Delineator	8100360	4.000	Ea
0380	Post, Steel, 3 lb	8100371	58.000	Ft
0390	Sign, Type II, Rem	8100397	5.000	Ea
0400	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0410	Sign, Type III, Rem	8100403	5.000	Ea
0420	Sign, Type IIIA	8100404	4.000	Sft
0430	Sign, Type IIIB	8100405	9.000	Sft
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,440.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	131,920.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,815.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	22,520.000	Ft
0480	Recessing Pavt Mrkg, Longit	8110450	1,078.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, Fluorescent, Furn	8120252	165.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	165.000	Ea
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	44.000	Ft
0570	Sign Cover	8120310	30.000	Ea
0580	Sign, Type A, Temp, Prismatic, Furn	8120340	30.000	Sft
0590	Sign, Type A, Temp, Prismatic, Oper	8120341	30.000	Sft
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	1,780.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	1,780.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	75.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	75.000	Sft
0640	Traf Regulator Control	8120370	1.000	LSUM
0650	Riprap, Plain	8130010	20.000	Syd
0660	Slope Restoration, Type A	8160100	1,187.000	Syd
0670	Slope Restoration, Type B	8160101	830.000	Syd
0680	Slope Restoration, Type C	8160102	52.000	Syd
0690	Slope Restoration, Type D	8160103	20.000	Syd

0700	Dune Grass Planting	8180001	225.000	Syd
0710	Monument Box Adjust	8210005	5.000	Ea
0720	Centerline Corrugations, Milled, HMA	8220013	539.000	Ft
0730	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	1,078.000	Ft
0740	Contractor Staking	8240001	1.000	LSUM
0750	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0760	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0770	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr

Section: 2

0780	Structures, Rem	2040060	1.000	LSUM
0790	Excavation, Channel	2050015	1,800.000	Cyd
0800	Non Haz Contaminated Material Handling and Disposal, LM	2050031	55.000	Cyd
0810	Aggregate, 6A	2060001	70.000	Cyd
0820	Backfill, Structure, CIP	2060002	70.000	Cyd
0830	Excavation, Fdn	2060010	1,000.000	Cyd
0840	Erosion Control, Filter Bag	2080014	6.000	Ea
0850	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0860	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0870	Underdrain, Fdn, 4 inch	4040031	194.000	Ft
0880	Underdrain Outlet, 4 inch	4040091	67.000	Ft
0890	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0900	Steel Sheet Piling, Permanent	7040001	1,845.000	Sft
0910	Steel Sheet Piling, Temp	7040002	1,820.000	Sft
0920	Cofferdams, Left in Place (B02 of 49023)	7040009	1.000	LSUM
0930	Pile Driving Equipment, Furn (B02 of 49023)	7050002	1.000	LSUM
0940	_ Pile, CIP Conc, Furn and Driven, 16 inch	7057001	2,590.000	Ft
0950	_ Test Pile, Dynamic Analysis	7057050	4.000	Ea
0960	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	2.000	Ea
0970	Bridge Ltg, Furn and Rem (B02 of 49023)	7060001	1.000	LSUM
0980	Bridge Ltg, Oper and Maintain	7060002	205.000	Cyd
0990	Expansion Joint Device	7060050	90.000	Ft
1000	False Decking	7060060	6,531.000	Sft
1010	Reinforcement, Steel, Epoxy Coated	7060092	56,025.000	Lb
1020	Substructure Conc	7060100	118.000	Cyd
1030	Superstructure Conc	7060110	9.000	Cyd
1040	Superstructure Conc, Form, Finish, and Cure (B02 of 49023)	7060111	1.000	LSUM
1050	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 49023)	7060112	1.000	LSUM
1060	Superstructure Conc, Night Casting	7060113	205.000	Cyd
1070	Bearing, Elastomeric, 2 inch	7070016	1,320.000	Sin
1080	Bearing, Elastomeric, 2 3/4 inch	7070019	1,320.000	Sin
1090	Shear Developers (B02 of 49023)	7070040	1.000	LSUM
1100	Structural Steel, Plate, Erect	7070060	152,887.000	Lb

1110	Structural Steel, Plate, Furn and Fab	7070061	152,887.000	Lb
1120	Joint Waterproofing	7100001	275.000	Sft
1130	Joint Waterproofing, Expansion	7100003	87.000	Sft
1140	_ Conc Surface Coating (B02 of 49023)	7107051	1.000	LSUM
1150	Bridge Railing, Aesthetic Parapet Tube	7110005	220.000	Ft
1160	Field Repair of Damaged Coating (B02 of 49023)	7160001	1.000	LSUM
1170	_ Riprap, Special, Class II	8137031	2,450.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 181207 031

Letting Date: December 7, 2018

Contract ID: 25074-204083

Description: 3.68 mi of hot mix asphalt cold milling and resurfacing and joint repairs on M-54 from I-75 to Hill Road and on ramps at the M-54/I-75 interchange, Genesee County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204083A	N/A	N/A	GF19 25074

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$177,500.00	1500001	1.000	LSUM
0020	Sidewalk, Rem	2040055	14.000	Syd
0030	_ Shoulder, CI II, Modified	3077031	945.000	Ton
0040	Cold Milling HMA Surface	5010002	123,275.000	Syd
0050	HMA Quality Initiative	5010007	23,420.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	60,000.000	Dlr
0070	Hand Patching	5010025	990.000	Ton
0080	HMA, 5E1, High Stress	5010514	8,400.000	Ton
0090	HMA Approach, High Stress	5010520	2,320.000	Ton
0100	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	6,215.000	Ft
0110	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	4,810.000	Ft
0120	Detectable Warning Surface	8030010	6.000	Ft
0130	Sidewalk Ramp, Conc, 6 inch	8030036	65.000	Sft
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	16.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	970.000	Ft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	495.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,880.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	24,580.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	28,040.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,880.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,345.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,220.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,570.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,345.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,220.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,570.000	Ft

0280	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0310	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	225.000	Ea
0330	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	225.000	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	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	24,900.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	13,660.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,610.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,200.000	Ft
0430	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0450	Sign Cover	8120310	10.000	Ea
0460	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
0470	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	3,688.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	3,688.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Slope Restoration, Type A	8160100	9.000	Syd
0520	Wireless Vehicle Sensor Node	8200425	12.000	Ea
0530	Radar Vehicle Presence Stop-Bar Detector System	8200510	2.000	Ea
0540	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	6.000	Ea
0550	Monument Box	8210001	2.000	Ea
0560	Monument Preservation	8210010	2.000	Ea
0570	Centerline Corrugations, Milled, HMA	8220013	12,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 181207 032

Letting Date: December 7, 2018

Contract ID: 72052-123189

Description: 0.10 mi of hot mix asphalt paving, concrete precast box culvert, tremie, railing, curb and gutter, earthwork, guardrail, cofferdams and pavement markings on M-18 over Backus Creek, Roscommon County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123189A	1900050	N/A	ST 72052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,300.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0040	Backfill, Swamp	2050001	500.000	Cyd
0050	Embankment, LM	2050011	88.000	Cyd
0060	Excavation, Earth	2050016	1,035.000	Cyd
0070	Excavation, Peat	2050017	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0110	Erosion Control, Silt Fence	2080036	1,108.000	Ft
0120	Subbase, CIP	3010002	860.000	Cyd
0130	Approach, CI I	3070001	11.000	Ton
0140	Approach, CI II	3070021	15.000	Ton
0150	Shoulder, CI II, LM	3070123	40.000	Cyd
0160	_ Approach, CI I, 12 inch	3077011	1,350.000	Syd
0170	Culv End Sect, 15 inch	4010015	4.000	Ea
0180	Culv, CI F, 15 inch	4010608	82.000	Ft
0190	Dr Marker Post	4011109	3.000	Ea
0200	Trench Undercut and Backfill	4021260	100.000	Cyd
0210	Underdrain, Subbase, 6 inch	4040063	300.000	Ft
0220	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0240	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0250	HMA Surface, Rem	5010005	1,320.000	Syd
0260	HMA Quality Initiative	5010007	706.000	Dlr
0270	HMA Approach	5010061	353.000	Ton

0280	_ High Performance Biaxial Geogrid	7007011	3,873.000	Syd
0290	Curb and Gutter, Bridge Approach	8020010	141.000	Ft
0300	Guardrail, Type MGS-8	8070004	487.000	Ft
0310	Guardrail, Curved, Type B	8070010	38.000	Ft
0320	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0330	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0340	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0350	Guardrail, Salv	8070075	642.000	Ft
0360	Guardrail Reflector	8070080	32.000	Ea
0370	Post, Mailbox	8070095	3.000	Ea
0380	Fence, Protective	8080007	449.000	Ft
0390	Delineator Reflector, Green	8100133	4.000	Ea
0400	Post, Rigid, Delineator	8100361	4.000	Ea
0410	Post, Steel, 3 lb	8100371	42.000	Ft
0420	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0430	Sign, Type II, Rem	8100397	2.000	Ea
0440	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0450	Sign, Type III, Rem	8100403	1.000	Ea
0460	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	624.000	Ft
0470	Pavt Mrkg, Waterborne, 6 inch, White	8110233	624.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	624.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	624.000	Ft
0500	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0510	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	487.000	Ft
0520	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0580	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0590	Sign Cover	8120310	9.000	Ea
0600	Sign Cover, Type 1	8120320	4.000	Ea
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,067.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,067.000	Sft
0630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	356.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	356.000	Sft
0650	Riprap, Plain	8130010	24.000	Syd
0660	Paved Ditch, HMA	8140010	6.000	Syd
0670	Slope Restoration, Type C	8160102	950.000	Syd
0680	Contractor Staking	8240001	1.000	LSUM
0690	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0700	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0710	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

Section: 2

0720	Structures, Rem (C02 of 72052)	2040060	1.000	LSUM
0730	Excavation, Channel	2050015	410.000	Cyd
0740	Backfill, Structure, CIP	2060002	1,300.000	Cyd
0750	Excavation, Fdn	2060010	1,810.000	Cyd
0760	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0770	Erosion Control, Filter Bag	2080014	6.000	Ea
0780	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0790	Erosion Control, Sand Bag	2080028	150.000	Ea
0800	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0810	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0820	Culv Bedding, Box Culv	4060005	60.000	Cyd
0830	_ Culv, Precast Conc Box, 22 Foot by 8 Foot	4067001	54.000	Ft
0840	_ Conc, Grade X	6027021	6.000	Cyd
0850	Steel Sheet Piling, Temp	7040002	1,120.000	Sft
0860	_ Cofferdam, Left in Place, Special (C02 of 72052)	7047051	1.000	LSUM
0870	Conc, Grade T	7060013	935.000	Cyd
0880	Reinforcement, Steel, Epoxy Coated	7060092	628.000	Lb
0890	_ Bridge Railing, Parapet, High Performance	7117001	48.000	Ft
0900	Riprap, Plain	8130011	100.000	Ton
0910	_ Riprap, Special, Class II	8137031	400.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 181207 033

Letting Date: December 7, 2018

Contract ID: 54011-201126

Description: 14.65 mi of overband crack filling, chip sealing, single, warranty, and fog sealing on Old 131 from north of the south Mecosta county line northerly to south of 14 Mile Road, Mecosta County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201126A	1900067	N/A	ST 54011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$83,300.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,166.000	Ton
0030	_ Shoulder, CI II, Modified	3077031	2,120.000	Ton
0040	Dr Marker Post	4011109	30.000	Ea
0050	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0060	_ Underdrain Outlet Cleanout	4047050	30.000	Ea
0070	Overband Crack Fill, Lane	5020003	29.750	Lnmi
0080	Chip Seal, Single, Warranty	5050040	294,352.000	Syd
0090	_ Seal, Fog	5057011	294,352.000	Syd
0100	Delineator Reflector, Green	8100133	99.000	Ea
0110	Delineator Reflector, White	8100134	32.000	Ea
0120	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	308.000	Ea
0130	Delineator, Rem	8100349	166.000	Ea
0140	Post, Flexible, Delineator	8100360	154.000	Ea
0150	Post, Rigid, Delineator	8100361	131.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	98.000	Ft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	85.000	Ft
0180	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,209.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	96,902.000	Ft
0210	Pavt Mrkg, Waterborne, 6 inch, White	8110233	148,030.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,209.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	96,902.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	148,030.000	Ft
0250	Rem Spec Mrkg	8110343	546.000	Sft
0260	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0270	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea

0280	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0290	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0300	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	1.000	Ea
0310	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	784.000	Ft
0320	_ Traffic Control	8127051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 181207 034**Letting Date:** December 7, 2018**Contract ID:** 11000-202249

Description: 2.33 mi of hot mix asphalt overlay, concrete repairs, parking lot rehabilitation, full depth widening at camp entrance, fog seal and pavement markings in Warren Dunes State Park on State Park Road, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202249A	N/A	N/A	MXE 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$81,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Pavt, Rem	2040050	56.000	Syd
0040	Sidewalk, Rem	2040055	251.000	Syd
0050	Embankment, CIP	2050010	386.000	Cyd
0060	Excavation, Earth	2050016	1,038.000	Cyd
0070	Machine Grading	2050030	5.000	Sta
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0110	Project Cleanup	2090001	1.000	LSUM
0120	Aggregate Base, 6 inch	3020016	2,895.000	Syd
0130	Aggregate Base, 8 inch	3020020	1,486.000	Syd
0140	Aggregate Surface Cse	3060006	162.000	Ton
0150	Shoulder, CI II, 3 inch	3070125	909.000	Syd
0160	Shoulder, CI II, 5 inch	3070127	507.000	Syd
0170	Trenching	3070200	25.000	Sta
0180	_ Shoulder, CI II, 2 inch	3077011	1,596.000	Syd
0190	Sewer Tap, 18 inch	4021206	1.000	Ea
0200	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0220	Dr Structure Cover, Type D	4030025	2.000	Ea
0230	Dr Structure Cover, Type Q	4030065	1.000	Ea
0240	Dr Structure, 48 inch dia	4030210	1.000	Ea
0250	Pavt, Cleaning	5010001	1.000	LSUM
0260	HMA Surface, Rem	5010005	1,752.000	Syd
0270	HMA Quality Initiative	5010007	7,722.000	Dlr

0280	Pavt for Butt Joints, Rem	5010008	4,350.000	Syd
0290	Joint and Crack, Cleanout	5010015	100.000	Ft
0300	Longitudinal Joint Density Quality Initiative	5010018	9,342.000	Dlr
0310	Hand Patching	5010025	264.000	Ton
0320	HMA Approach	5010061	1,516.000	Ton
0330	HMA, LVSP	5010703	2,081.000	Ton
0340	_ Seal, Fog	5057011	49,122.000	Syd
0350	Joint, Contraction, Cp	6020200	432.000	Ft
0360	Joint, Contraction, Crg	6030020	3,340.000	Ft
0370	Joint, Expansion, Erg	6030021	212.000	Ft
0380	Lane Tie, Epoxy Anchored	6030030	314.000	Ea
0390	Pavt Repr, Nonreinf Conc, 8 inch	6030044	1,018.000	Syd
0400	Pavt Repr, Rem	6030080	1,018.000	Syd
0410	Saw Cut, Intermediate	6030090	537.000	Ft
0420	Detectable Warning Surface	8030010	10.000	Ft
0430	Sidewalk Ramp, Conc, 4 inch	8030034	80.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	1,845.000	Sft
0450	_ Sidewalk Ramp, Conc, 12 inch	8037010	20.000	Sft
0460	_ Sidewalk, Conc, 12 inch	8037010	290.000	Sft
0470	Post, Wood, 6 inch by 8 inch	8100382	30.000	Ft
0480	Sign, Type IIB	8100399	24.000	Sft
0490	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0520	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	45.000	Ea
0530	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,739.000	Ft
0540	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,006.000	Ft
0550	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,739.000	Ft
0560	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,006.000	Ft
0570	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	1,912.000	Ft
0580	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	51,285.000	Ft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0660	Sign Cover	8120310	30.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	406.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	406.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	106.000	Sft

0700	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	106.000	Sft
0710	Traf Regulator Control	8120370	1.000	LSUM
0720	Slope Restoration, Type B	8160101	2,847.000	Syd
0730	Contractor Staking, Road Only	8240007	1.000	LSUM
0740	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0750	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0760	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 181207 035**Letting Date:** December 7, 2018**Contract ID:** 25101-204029**Description:** 0.49 mi of concrete pavement repairs on M-57 east of M-13, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204029A	N/A	N/A	GF19 25101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,700.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	1,840.000	Syd
0030	Embankment, CIP	2050010	170.000	Cyd
0040	Aggregate Base, 6 inch	3020016	1,465.000	Syd
0050	_ Maintenance Gravel, Special	3067031	65.000	Ton
0060	Trenching	3070200	12.000	Sta
0070	_ Shoulder, CI II, Modified	3077031	90.000	Ton
0080	HMA Surface, Rem	5010005	985.000	Syd
0090	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	3,065.000	Syd
0100	Joint, Contraction, Cp	6020200	1,720.000	Ft
0110	Joint, Contraction, C3p	6020201	550.000	Ft
0120	Joint, Expansion, E2	6020207	65.000	Ft
0130	Joint, Expansion, E4	6020209	20.000	Ft
0140	Conc Quality Initiative	6020401	8,000.000	Dlr
0150	Cement	6030005	8.000	Ton
0160	Crack Sealing, Conc Pavt	6030010	1,000.000	Ft
0170	Joint, Contraction, Crg	6030020	4,355.000	Ft
0180	Joint, Expansion, Erg	6030021	120.000	Ft
0190	Lane Tie, Epoxy Anchored	6030030	1,410.000	Ea
0200	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,795.000	Syd
0210	Pavt Repr, Rem	6030080	2,795.000	Syd
0220	Saw Cut, Intermediate	6030090	2,720.000	Ft
0230	_ Joint, Tied, 2.5 foot, Special	6037001	180.000	Ft
0240	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	50.000	Syd
0250	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	50.000	Syd
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	135.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,460.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,200.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	135.000	Ft

0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,460.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,200.000	Ft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Ltg for Night Work	8120160	1.000	LSUM
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg Cover, Type R, Black	8120200	400.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,000.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,750.000	Ft
0440	Plastic Drum, Fluorescent, Furn	8120252	65.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	65.000	Ea
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0470	PTS System, Temp, Furn	8120270	1.000	Ea
0480	PTS System, Temp, Oper	8120271	1.000	Ea
0490	Sign Cover	8120310	4.000	Ea
0500	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0520	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0530	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	1,079.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	1,079.000	Sft
0560	Traf Regulator Control	8120370	1.000	LSUM
0570	Slope Restoration, Type B	8160101	1,115.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 181207 036

Letting Date: December 7, 2018

Contract ID: 39042-204197

Description: 1.27 mi of hot mix asphalt cold milling and resurfacing, joint repairs, curb ramp opening upgrades and pavement markings on I-94BL from M-96 northwesterly to Michigan Avenue (I-94BL) in the city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204197A	N/A	N/A	GF19 39042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$71,800.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	262.000	Ft
0030	Pavt, Rem	2040050	32.000	Syd
0040	Sidewalk, Rem	2040055	139.000	Syd
0050	Excavation, Earth	2050016	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0070	Subbase, CIP	3010002	24.000	Cyd
0080	Aggregate Base, 3 inch	3020008	139.000	Syd
0090	Dr Structure Cover, Adj, Case 1	4030005	26.000	Ea
0100	Dr Structure Cover, Type K	4030050	1.000	Ea
0110	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0120	Cold Milling HMA Surface	5010002	40,000.000	Syd
0130	HMA Quality Initiative	5010007	10,984.000	Dlr
0140	Longitudinal Joint Density Quality Initiative	5010018	22,730.000	Dlr
0150	Hand Patching	5010025	19.000	Ton
0160	HMA, 4E3, High Stress	5010509	3,704.000	Ton
0170	HMA Approach, High Stress	5010520	1,642.000	Ton
0180	_ Cold Milling HMA Surface, Modified	5017011	464.000	Syd
0190	_ Hand Patching, Modified	5017031	127.000	Ton
0200	Conc Base Cse, Nonreinf, 7 inch	6020017	36.000	Syd
0210	Curb and Gutter, Conc, Det F4	8020038	158.000	Ft
0220	Detectable Warning Surface	8030010	85.000	Ft
0230	Curb Ramp Opening, Conc	8030030	123.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	874.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	380.000	Sft
0260	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	10.000	Ea
0270	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	10.000	Ea

0280	Post Hole Through Conc for Steel Post	8100340	11.000	Ea
0290	Post, Flexible, Delineator	8100360	10.000	Ea
0300	Post, Steel, 3 lb	8100371	28.000	Ft
0310	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0320	Sign, Type I, Rem	8100391	6.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	415.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Turning Guide Line, White	8110053	100.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0400	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,840.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,537.000	Ft
0420	Pavt Mrkg, Waterborne, 12 inch, White	8110237	651.000	Ft
0430	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,840.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,537.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	651.000	Ft
0460	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	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, Type NR, Tape, 4 inch, White, Temp	8120230	1,988.000	Ft
0560	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	1,988.000	Ft
0570	Sign Cover	8120310	5.000	Ea
0580	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0590	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0600	Sign, Type A, Temp, Prismatic, Furn	8120340	9.000	Sft
0610	Sign, Type A, Temp, Prismatic, Oper	8120341	9.000	Sft
0620	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0630	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0640	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	10.000	Sft
0650	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	10.000	Sft
0660	Traf Regulator Control	8120370	1.000	LSUM
0670	Slope Restoration, Type A	8160100	150.000	Syd
0680	Contractor Staking, Road Only	8240007	1.000	LSUM
0690	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr

0700	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0710	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 037

Letting Date: December 7, 2018

Contract ID: 09042-123963

Description: 0.26 mi of concrete pavement repairs and placement M-25 from North Water Street to South Catherine Street in the city of Bay City, Bay County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123963A	1900054	N/A	HSIP 09042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$22,700.00	1500001	1.000	LSUM
0020	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0030	High Friction Surface Treatment	5060800	5,632.000	Syd
0040	Joint, Contraction, Cp	6020200	200.000	Ft
0050	Joint, Contraction, Crg	6030020	200.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0070	Pavt Repr, Nonreinf Conc, 10 inch	6030048	630.000	Syd
0080	Pavt Repr, Rem	6030080	630.000	Syd
0090	Saw Cut, Intermediate	6030090	100.000	Ft
0100	Resealing Trans Joints with Hot-Poured Rubber	6030100	500.000	Ft
0110	Resealing Longit Joints with Hot-Poured Rubber	6030101	1,800.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	79.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0170	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	615.000	Ft
0180	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	133.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	970.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	400.000	Ft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	1,990.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	72.000	Ft
0230	_ Pavt Mrkg, Waterborne, 12 inch, White, Curb Marking	8117001	80.000	Ft
0240	_ Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb Marking	8117001	140.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea

0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,653.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,653.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	397.000	Sft
0360	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	397.000	Sft
0370	Monument Box	8210001	1.000	Ea
0380	Monument Preservation	8210010	1.000	Ea
0390	Protect Corners	8210020	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 181207 038

Letting Date: December 7, 2018

Contract ID: 39014-200633

Description: 11.10 mi of hot mix asphalt cold milling and resurfacing, full depth joint repairs and concrete removal, aggregate shoulders, pavement markings and carpool lot resurfacing on US-131 from Milham Road north to north of M-43 and at Exit 44 in the cities of Kalamazoo and Portage, Kalamazoo County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200633A	1900057	N/A	NH 39013
201974A	1900065	N/A	ST 39014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$522,800.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	4,249.000	Syd
0030	Excavation, Earth	2050016	2,462.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0050	Subbase, LM	3010003	400.000	Cyd
0060	Aggregate Base, LM	3020002	616.000	Cyd
0070	Aggregate Base, 6 inch	3020016	2,500.000	Syd
0080	Shoulder, CI II	3070121	2,715.000	Ton
0090	Cold Milling HMA Surface	5010002	333,365.000	Syd
0100	Bump Grinding	5010004	500.000	Syd
0110	HMA Surface, Rem	5010005	4,443.000	Syd
0120	HMA Quality Initiative	5010007	84,086.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	58,608.000	Dlr
0140	Hand Patching	5010025	310.000	Ton
0150	HMA, 4E1	5010050	4,313.000	Ton
0160	HMA Approach	5010061	16,310.000	Ton
0170	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	1,035.000	Ft
0180	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	21,110.000	Ton
0190	Delineator Reflector, Yellow	8100132	24.000	Ea
0200	Delineator, Rem	8100349	24.000	Ea
0210	Post, Rigid, Delineator	8100361	24.000	Ea
0220	Post, Steel, 3 lb	8100371	84.000	Ft
0230	Sign, Type I, Erect, Salv	8100390	6.000	Ea
0240	Sign, Type I, Rem	8100391	6.000	Ea
0250	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea

0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	220.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	156.000	Ft
0280	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	3.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0300	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,303.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,000.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, White	8110233	86,764.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	83,872.000	Ft
0350	Pavt Mrkg, Waterborne, 12 inch, White	8110237	10,401.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	16,303.000	Ft
0370	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,000.000	Ft
0380	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	86,764.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	83,872.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	14,685.000	Ft
0410	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	108.000	Ft
0420	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	2,800.000	Ft
0430	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0440	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0450	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0460	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0480	Ltg for Night Work	8120160	1.000	LSUM
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	150.000	Ft
0510	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	270.000	Ft
0520	Plastic Drum, Fluorescent, Furn	8120252	1,400.000	Ea
0530	Plastic Drum, Fluorescent, Oper	8120253	1,400.000	Ea
0540	Sign Cover	8120310	15.000	Ea
0550	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0560	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	2,104.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	2,104.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Turf Establishment, Performance	8167011	2,200.000	Syd
0610	Shoulder Corrugations, Ground or Cut, HMA	8220001	117,216.000	Ft
0620	Contractor Staking, Road Only	8240007	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	46.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	19.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	28.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 181207 039**Letting Date:** December 7, 2018**Contract ID:** 34044-200581

Description: 9.48 mi of full depth concrete pavement repairs, spall repairs, hot mix asphalt shoulder and ramp resurfacing, bridge deck patching and joint replacement on I-96 from Sunfield Highway east to the east Ionia county line, Ionia County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200581A	1900055	N/A	IM 34044
200586A	1900056	N/A	IM 34044
200918A	N/A	N/A	IM 34044
201842A	1900058	N/A	IM 34044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$442,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	118.000	Ft
0030	Pavt, Rem	2040050	846.000	Syd
0040	Excavation, Earth	2050016	12.000	Cyd
0050	Aggregate Base, 6 inch	3020016	61.000	Syd
0060	Shoulder, CI II	3070121	5,780.000	Ton
0070	Dr Marker Post	4011109	216.000	Ea
0080	_ Underdrain Outlet Cleanout	4047050	216.000	Ea
0090	Cold Milling HMA Surface	5010002	178,475.000	Syd
0100	HMA Surface, Rem	5010005	28.000	Syd
0110	HMA Quality Initiative	5010007	30,266.000	Dlr
0120	Hand Patching	5010025	170.000	Ton
0130	HMA, 5E3	5010057	14,180.000	Ton
0140	HMA Approach	5010061	783.000	Ton
0150	_ Asphalt Repair Mastic	5027001	3,710.000	Ft
0160	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	61.000	Syd
0170	Joint, Contraction, Cp	6020200	1,842.000	Ft
0180	Joint, Expansion, E2	6020207	846.000	Ft
0190	Joint, Expansion, E3	6020208	200.000	Ft
0200	Conc Pavt, Bridge Approach, Reinf	6020600	785.000	Syd
0210	Cement	6030005	213.000	Ton
0220	Crack Sealing, Conc Pavt	6030010	14,865.000	Ft
0230	Joint, Contraction, Crg	6030020	40,523.000	Ft
0240	Joint, Expansion, Erg	6030021	622.000	Ft

0250	Lane Tie, Epoxy Anchored	6030030	196.000	Ea
0260	Non-Chloride Accelerator	6030035	6,000.000	Gal
0270	Pavt Repr, Nonreinf Conc, 10 inch	6030048	7,518.000	Syd
0280	Pavt Repr, Rem	6030080	7,518.000	Syd
0290	Saw Cut, Intermediate	6030090	3,270.000	Ft
0300	Resealing Trans Joints with Hot-Poured Rubber	6030100	51,151.000	Ft
0310	Resealing Longit Joints with Hot-Poured Rubber	6030101	109,192.000	Ft
0320	_ Joint, Tied, 2.5 foot, Special	6037001	8,383.000	Ft
0330	_ Joint, Tied, 4 foot, Special	6037001	71.000	Ft
0340	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	1,654.000	Syd
0350	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	1,654.000	Syd
0360	_ Pavt Repr, 4 foot, Nonreinf, 10 inch, Special	6037011	11.000	Syd
0370	_ Pavt Repr, 4 foot, Rem, Special	6037011	11.000	Syd
0380	_ Pavt Repr, Overlay, Nonreinf Conc	6037021	1,070.000	Cyd
0390	_ Pavt Repr, Overlay, Rem	6037021	1,070.000	Cyd
0400	Curb and Gutter, Conc, Det B2	8020016	118.000	Ft
0410	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	6.000	Ea
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	215.000	Ft
0430	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	24,560.000	Ft
0440	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	113,210.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	107,410.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	6,820.000	Ft
0470	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	16,339.000	Ft
0480	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	9,501.000	Ft
0490	Rem Raised Pavt Marker	8110332	395.000	Ea
0500	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0510	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0520	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0550	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0570	Ltg for Night Work	8120160	1.000	LSUM
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Mobile Attenuator	8120180	1.000	Ea
0600	Plastic Drum, Fluorescent, Furn	8120252	600.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	600.000	Ea
0620	Sign Cover	8120310	6.000	Ea
0630	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	15.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	15.000	Ea
0650	Sign, Type A, Temp, Prismatic, Furn	8120340	15.000	Sft
0660	Sign, Type A, Temp, Prismatic, Oper	8120341	15.000	Sft
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,836.000	Sft

0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,836.000	Sft
0690	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	243.000	Sft
0700	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	243.000	Sft
0710	Slope Restoration, Type B	8160101	75.000	Syd
0720	Shoulder Corrugations, Ground or Cut, HMA	8220001	153,060.000	Ft

Section: 2

0730	HMA Patch, Rem	5010006	3.000	Syd
0740	Joint, Expansion, E3	6020208	279.000	Ft
0750	Expansion Joint Device	7060050	253.000	Ft
0760	Reinforcement, Steel, Epoxy Coated	7060092	5,347.000	Lb
0770	_ Bridge Barrier Railing, Reconst Portions	7117001	50.000	Ft
0780	Hand Chipping, Deep	7120004	405.000	Syd
0790	Deck Joint, Rem	7120071	279.000	Ft
0800	Reinforcement, Mechanical Splice	7120084	50.000	Ea
0810	Patching Conc, C-L	7120112	77.000	Cyd
0820	Embedded Galvanic Anode	7120120	393.000	Ea
0830	Guardrail, Reconst, Type T	8070109	125.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 181207 040**Letting Date:** December 7, 2018**Contract ID:** 16023-200965

Description: 18.77 mi of hot mix asphalt cold milling, resurfacing, corrugations, delineators and pavement markings on M-68 from I-75 to east of County Line Road, Cheboygan and Presque Isle Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200965A	N/A	N/A	M 16023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$294,600.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0030	Shoulder, CI II	3070121	2,000.000	Ton
0040	Cold Milling HMA Surface	5010002	340,700.000	Syd
0050	HMA Quality Initiative	5010007	56,230.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	104,956.000	Dlr
0070	HMA Approach	5010061	715.000	Ton
0080	HMA, LVSP	5010703	27,400.000	Ton
0090	Delineator Reflector, White	8100134	670.000	Ea
0100	Post, Rigid, Delineator	8100361	670.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0120	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	24.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	800.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	43,700.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	198,000.000	Ft
0160	Pavt Mrkg, Waterborne, 12 inch, White	8110237	300.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	800.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	43,700.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	198,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	300.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Pavt Mrkg, Polyurea, Stop	8110415	2.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,150.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,150.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,500.000	Ft
0290	Sign Cover	8120310	12.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Monument Box Adjust	8210005	24.000	Ea
0340	Monument Preservation	8210010	24.000	Ea
0350	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	88,850.000	Ft
0360	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	195,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 181207 041

Letting Date: December 7, 2018

Contract ID: 78239-125433

Description: Runway 9-27 Rehabilitation and Airfield Signage upgrades at the Three Rivers Municipal, Dr. Haines Airport, city of Three Rivers, St. Joseph County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
125433A	B-26-0093-2318	N/A	FM 78239

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Misc. Project Survey & Stakeout	1007051	1.000	LSUM
0040	Pulverize Bituminous Pavement, Less Than 6" Thickness	1010235	44,500.000	Syd
0050	Remove Asphalt Pavement	1010245	1,400.000	Syd
0060	Misc. Remove and Stockpile Recycled Bituminous Aggregate Base Course	1017221	2,500.000	Cyd
0070	Bare Counterpoise Wire, #6, Solid, Installed	1080531	3,600.000	Lft
0080	Underground Cable, 1/C, #8, 5KV, L824, Type C, Installed	1080595	4,800.000	Lft
0090	Plastic Conduit, 2", Direct Burial	1100614	3,500.000	Lft
0100	Misc. Airfield Electrical Junction Can, Non-Load Bearing	1157050	4.000	Ea
0110	Taxiway Guidance Sign, L858 (L), LED, 1 Module, Pad Mounted, Type, Size, and Style as Specified	1250705	3.000	Ea
0120	Taxiway Guidance Sign, L858 (L), LED, 2 Module, Pad Mounted, Type, Size, and Style as Specified	1250706	9.000	Ea
0130	Taxiway Guidance Sign, L858 (L), LED, 3 Module, Pad Mounted, Type, Size, and Style as Specified	1250707	8.000	Ea
0140	Remove Guidance Sign	1250799	22.000	Ea
0150	Subgrade Undercutting	1520490	1,500.000	Cyd
0160	Misc. Undercut Replacement	1547021	1,500.000	Cyd
0170	Soil Erosion and Sedimentation Control	1560610	1.000	LSUM
0180	Misc. Erosion Control, Stabilized Construction Entrance	1567051	1.000	LSUM
0190	Bituminous Surface Course-Gradation 2	4030638	8,900.000	Ton
0200	Bituminous Prime Coat, Specified Asphalt	6020510	7,200.000	Gal
0210	Bituminous Tack Coat	6030510	7,200.000	Gal
0220	Joint Sealing Filler, Material as Specified	6050590	1,900.000	Lft
0230	Airport Pavement Marking, 1/2 Rate, Solid, Airport Pavement Marking, 1/2 Rate, Solid	6200519	32,000.000	Sft

0240	Remove Airport Pavement Marking	6200540	12,000.000	Sft
0250	Misc. Runway & Taxiway Pavement Markings	6207010	38,000.000	Sft
0260	Misc. Utility Coordination - Electrical Investigation	8007060	10,000.000	Dlr
0270	Misc. Seeding with Mixture and Rate, as Specified	9017011	12,500.000	Syd
0280	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	200.000	Cyd
0290	Misc. Topsoil Restoration - Cut	9057021	1,000.000	Cyd
0300	Misc. Topsoil Restoration - Fill	9057021	4,000.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 181207 042

Letting Date: December 7, 2018

Contract ID: 61000-129302

Description: Bridge rehabilitation including concrete patching, overlays, waterproofing membrane, bridge railing work, guardrail, hot mix asphalt paving and approach work on 6 structures at various locations, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129302A	1900011	N/A	BO 61000
133052A	N/A	N/A	MCS 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	664.000	Ft
0030	Excavation, Earth	2050016	25.000	Cyd
0040	Erosion Control, Silt Fence	2080036	800.000	Ft
0050	Erosion Control, Turbidity Curtain, Shallow	2080044	80.000	Ft
0060	Shoulder, CI II	3070121	12.000	Ton
0070	Cold Milling HMA Surface	5010002	1,566.000	Syd
0080	HMA, 5E1	5010056	245.000	Ton
0090	Sawing and Sealing Trans Pavt Joints	6030096	451.000	Ft
0100	Guardrail, Type B	8070000	13.000	Ft
0110	Guardrail, Type MGS-8	8070004	274.000	Ft
0120	Guardrail Anch, Bridge, Det T4	8070025	6.000	Ea
0130	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
0140	Guardrail Reflector	8070080	22.000	Ea
0150	_ Guardrail Anch, Bridge, Nested Type	8077050	4.000	Ea
0160	Post, Steel, 3 lb	8100371	32.000	Ft
0170	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0180	Sign, Type III, Rem	8100403	2.000	Ea
0190	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,118.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,996.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	43.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	43.000	Ea
0230	Channelizing Device, 42 inch, Furn	8120030	205.000	Ea
0240	Channelizing Device, 42 inch, Oper	8120031	205.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	6.000	Ea

0260	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Sign Cover	8120310	6.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	1,913.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	1,913.000	Sft
0310	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	338.000	Sft
0320	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	338.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Fertilizer, Chemical Nutrient, CI A	8160020	46.000	Lb
0350	Seeding, Mixture TGM	8160038	44.000	Lb
0360	Topsoil Surface, Furn, 4 inch	8160062	970.000	Syd
0370	_ Mulch Blanket, Modified	8167011	970.000	Syd

Section: 2

0380	Structures, Rem Portions (SN 7648)	2040061	1.000	LSUM
0390	Erosion Control, Turbidity Curtain, Shallow	2080044	120.000	Ft
0400	HMA Patch, Rem	5010006	8.000	Syd
0410	_ HMA Surface, Rem, Modified	5017011	843.000	Syd
0420	False Decking	7060060	8,685.000	Sft
0430	Reinforcement, Steel, Epoxy Coated	7060092	1,969.000	Lb
0440	Membrane, Preformed Waterproofing	7100008	7,560.000	Sft
0450	Conc Surface Coating	7100011	563.000	Syd
0460	Bridge Railing, Aesthetic Parapet Tube	7110005	148.000	Ft
0470	Scarifying	7120001	155.000	Syd
0480	Hand Chipping, Shallow	7120003	31.000	Syd
0490	Hand Chipping, Other Than Deck	7120007	58.000	Cft
0500	Patching Mortar or Conc	7120016	103.000	Cft
0510	Patch, Forming	7120017	526.000	Sft
0520	Epoxy Ovly	7120020	1,714.000	Syd
0530	Bridge Deck Surface Construction	7120025	155.000	Syd
0540	Conc, Silica Fume Modified	7120027	17.000	Cyd
0550	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	376.000	Ea
0560	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	96.000	Ea
0570	Hydrodemolition, First Pass	7120076	155.000	Syd
0580	Hydrodemolition, Second Pass	7120077	7.000	Syd
0590	_ Grout Repair	7127001	135.000	Ft
0600	_ Slopewall Joint Sealing	7127001	32.000	Ft
0610	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	605.000	Lb
0620	_ Riprap, Fieldstone, Modified	8137031	170.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 181207 043

Letting Date: December 7, 2018

Contract ID: 65000-130281

Description: 0.75 mi of hot mix asphalt cold milling, base crushing, shaping, and resurfacing, concrete sidewalk ramps, water main and pavement on Fairview Road from Houghton Avenue north to State Street and on North Valley Street from Houghton Street north to State Street, Ogemaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130281A	1801197	N/A	STL 65000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,300.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Curb and Gutter, Rem	2040020	516.000	Ft
0040	Pavt, Rem	2040050	87.000	Syd
0050	Sidewalk, Rem	2040055	504.000	Syd
0060	Ditch Cleanout	2050006	2.000	Sta
0070	Embankment, CIP	2050010	600.000	Cyd
0080	Excavation, Earth	2050016	900.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0100	Subbase, CIP	3010002	100.000	Cyd
0110	Aggregate Base	3020001	750.000	Ton
0120	Aggregate Base, Conditioning	3020050	2,052.000	Syd
0130	HMA Base Crushing and Shaping	3050002	6,184.000	Syd
0140	Approach, CI I	3070001	200.000	Ton
0150	Shoulder, CI II, 4 inch	3070126	326.000	Syd
0160	Trenching	3070200	34.000	Sta
0170	Geotextile, Stabilization	3080010	250.000	Syd
0180	Dr Structure Cover, Adj, Case 1	4030005	11.000	Ea
0190	Dr Structure, 48 inch dia	4030210	1.000	Ea
0200	Cold Milling HMA Surface	5010002	5,735.000	Syd
0210	HMA Surface, Rem	5010005	2,805.000	Syd
0220	Hand Patching	5010025	2.000	Ton
0230	HMA, 4E1	5010050	1,114.000	Ton
0240	HMA, 5E1	5010056	1,156.000	Ton
0250	HMA Approach	5010061	66.000	Ton
0260	Driveway, Nonreinf Conc, 8 inch	8010007	87.000	Syd
0270	Curb and Gutter, Conc, Det C6	8020025	200.000	Ft

0280	Curb and Gutter, Conc, Det F4	8020038	190.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	80.000	Ft
0300	Detectable Warning Surface	8030010	55.000	Ft
0310	Curb Ramp Opening, Conc	8030030	136.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	699.000	Sft
0330	Sidewalk, Conc, 4 inch	8030044	2,946.000	Sft
0340	Sidewalk, Conc, 6 inch	8030046	1,325.000	Sft
0350	Curb Sloped, HMA	8050010	400.000	Ft
0360	Post, Mailbox	8070095	6.000	Ea
0370	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0380	Sign, Type III, Rem	8100403	10.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	329.000	Ft
0400	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	67.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,470.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,740.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0480	Channelizing Device, 42 inch, Furn	8120030	70.000	Ea
0490	Channelizing Device, 42 inch, Oper	8120031	70.000	Ea
0500	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0510	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0520	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0590	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	90.000	Sft
0600	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	90.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	Mulch Blanket, High Velocity	8160028	2,000.000	Syd
0630	_ Turf Establishment, Performance	8167011	15,100.000	Syd
0640	Monument Preservation	8210010	1.000	Ea
0650	Hydrant, Rem	8230091	2.000	Ea
0660	Gate Box, Adj, Case 1	8230431	2.000	Ea
0670	_ Water Main, PVC, 6 inch, Tr Det G	8237001	120.000	Ft
0680	_ Water Main, PVC, 8 inch, Tr Det G	8237001	2,130.000	Ft
0690	_ Water Service, 1 inch	8237001	390.000	Ft
0700	_ Water Service, 2 inch	8237001	155.000	Ft

0710	_ Connect to Existing Water Main	8237050	5.000	Ea
0720	_ Curb Stop and Box, 1 inch	8237050	9.000	Ea
0730	_ Curb Stop and Box, 2 inch	8237050	3.000	Ea
0740	_ Gate Valve and Box, 6 inch, Modified	8237050	2.000	Ea
0750	_ Gate Valve and Box, 8 inch, Modified	8237050	3.000	Ea
0760	_ Hydrant Assembly	8237050	2.000	Ea
0770	_ Tapping Saddle and Corporation Stop, 1 inch	8237050	9.000	Ea
0780	_ Tapping Saddle and Corporation Stop, 2 inch	8237050	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 181207 044

Letting Date: December 7, 2018

Contract ID: 74141-129588-2

Description: 0.25 mi of hot mix asphalt base crushing, shaping and resurfacing, signing and pavement markings on Maple Valley Road from the south city limits of Brown City to the Huron & Eastern Railroad in the city of Brown City, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129588A	1800924	N/A	STL 74141

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$18,200.00	1500001	1.000	LSUM
0020	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0030	Erosion Control, Silt Fence	2080036	250.000	Ft
0040	_ Aggregate Base, Modified	3027031	472.000	Ton
0050	HMA Base Crushing and Shaping	3050002	3,334.000	Syd
0060	Salv Crushed Material, LM	3050015	72.000	Cyd
0070	Maintenance Gravel	3060020	150.000	Ton
0080	_ Trenching, Modified	3077002	25.000	Sta
0090	_ Approach, CI I, Modified	3077031	20.000	Ton
0100	_ Approach, CI II, Modified	3077031	46.000	Ton
0110	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0120	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0130	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0140	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0150	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0160	HMA Surface, Rem	5010005	43.000	Syd
0170	HMA Approach	5010061	8.000	Ton
0180	HMA, LVSP	5010703	1,216.000	Ton
0190	Guardrail, Type B	8070000	50.000	Ft
0200	Guardrail, Backed, Det G2	8070016	2.000	Ea
0210	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0220	Guardrail Reflector	8070080	8.000	Ea
0230	Post, Mailbox	8070095	8.000	Ea
0240	Post, Steel, 3 lb	8100371	143.000	Ft
0250	Sign, Type IIA	8100398	27.000	Sft
0260	Sign, Type III, Rem	8100403	4.000	Ea
0270	Sign, Type IIIB	8100405	30.000	Sft

0280	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	33.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,581.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	731.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,581.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	731.000	Ft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	106.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	106.000	Ft
0410	Plastic Drum, High Intensity, Furn	8120250	63.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	63.000	Ea
0430	Sign Cover	8120310	42.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	130.000	Sft
0470	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	130.000	Sft
0480	_ Slope Restoration, Modified	8167011	2,225.000	Syd
0490	Monument Box	8210001	1.000	Ea
0500	Monument Preservation	8210010	1.000	Ea
0510	_ Railroad Protection, At Grade Crossing	8507060	300.000	Dir



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Schedule of Pay Items

Report v1

Letting Call: 181207 045**Letting Date:** December 7, 2018**Contract ID:** 14051-131562

Description: 6.99 mi of hot mix asphalt cold milling and resurfacing on M-40 from Marcellus Highway north to the Cass/Van Buren county line and on M-51 from Swartwood Drive to the south village limits of Decatur in the village of Decatur, Van Buren County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131562A	N/A	N/A	M 14051
200639A	N/A	N/A	M 80071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$101,200.00	1500001	1.000	LSUM
0020	Aggregate Base, 6 inch	3020016	100.000	Syd
0030	Shoulder, CI II	3070121	690.000	Ton
0040	Trenching	3070200	20.000	Sta
0050	Cold Milling HMA Surface	5010002	130,840.000	Syd
0060	HMA Surface, Rem	5010005	200.000	Syd
0070	HMA Quality Initiative	5010007	20,154.000	Dlr
0080	Longitudinal Joint Density Quality Initiative	5010018	36,940.000	Dlr
0090	Hand Patching	5010025	7.000	Ton
0100	HMA Approach	5010061	276.000	Ton
0110	HMA, LVSP	5010703	10,900.000	Ton
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,720.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	73,840.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	27,720.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	73,840.000	Ft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	310.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	310.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,250.000	Ft
0230	Sign Cover	8120310	10.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	596.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	596.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM

0270	Monument Box	8210001	13.000	Ea
0280	Monument Box Adjust	8210005	1.000	Ea
0290	Monument Preservation	8210010	5.000	Ea
0300	Protect Corners	8210020	11.000	Ea
0310	Shoulder Corrugations, Ground or Cut, HMA	8220001	5,488.000	Ft
0320	Centerline Corrugations, Milled, HMA	8220013	36,920.000	Ft
0330	Contractor Staking, Road Only	8240007	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 046

Letting Date: December 7, 2018

Contract ID: 22051-119042

Description: Deck replacement, partial return walls replacement, substructure repair, concrete curb, gutter, riprap, structural steel repairs and painting, guardrail, approach work and pavement markings on US-8 over Menominee River, Dickinson County. This project includes a 2 year warranty on bridge coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119042A	1900048	N/A	ST 22051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	1,500.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	3,750.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	1,500.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	14,000.000	Dlr
0060	Mobilization, Max \$145,500.00	1500001	1.000	LSUM
0070	Curb and Gutter, Rem	2040020	64.000	Ft
0080	Guardrail, Rem	2040035	680.000	Ft
0090	Pavt, Rem	2040050	146.000	Syd
0100	Embankment, CIP	2050010	90.000	Cyd
0110	Excavation, Earth	2050016	426.000	Cyd
0120	Erosion Control, Maintenance, Sediment Removal	2080026	18.000	Cyd
0130	Erosion Control, Silt Fence	2080036	1,352.000	Ft
0140	Subbase, CIP	3010002	86.000	Cyd
0150	Aggregate Base	3020001	232.000	Ton
0160	Shoulder, CI II	3070121	24.000	Ton
0170	Trenching	3070200	4.000	Sta
0180	Cold Milling HMA Surface	5010002	452.000	Syd
0190	HMA Surface, Rem	5010005	758.000	Syd
0200	HMA Quality Initiative	5010007	434.000	Dlr
0210	Longitudinal Joint Density Quality Initiative	5010018	2,556.000	Dlr
0220	HMA, 4E3	5010051	124.000	Ton
0230	HMA, 5E3	5010057	94.000	Ton
0240	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	104.000	Syd
0250	Joint, Expansion, E2	6020207	76.000	Ft
0260	Conc Pavt, Bridge Approach, Reinf	6020600	128.000	Syd
0270	_ Transv Header, Conc	6027001	24.000	Ft

0280	Cold Milling Conc Pavt	6030014	372.000	Syd
0290	Joint, Tied, Trg	6030023	24.000	Ft
0300	Curb and Gutter, Bridge Approach	8020010	80.000	Ft
0310	_ Spillway, Conc, Modified	8027001	56.000	Ft
0320	_ Valley Gutter, Conc, Modified	8027001	40.000	Ft
0330	Guardrail, Type MGS-8	8070004	288.000	Ft
0340	Guardrail Anch, Bridge, Det T1	8070022	8.000	Ea
0350	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0360	Guardrail Reflector	8070080	12.000	Ea
0370	Delineator Reflector, Green	8100133	8.000	Ea
0380	Fdn, Wood Support, Rem	8100280	4.000	Ea
0390	Post, Rigid, Delineator	8100361	8.000	Ea
0400	Post, Steel, 3 lb	8100371	28.000	Ft
0410	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0420	Sign, Type II, Rem	8100397	2.000	Ea
0430	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0440	Sign, Type III, Rem	8100403	2.000	Ea
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	208.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,646.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	208.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,646.000	Ft
0490	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0560	Sign Cover	8120310	30.000	Ea
0570	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0580	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	Riprap, Plain	8130010	8.000	Syd
0630	Slope Restoration, Type B	8160101	816.000	Syd
0640	Contractor Staking	8240001	1.000	LSUM
0650	Staking Plan Errors and Extras, One Person	8240020	16.000	Hr
0660	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0670	Staking Plan Errors and Extras, Three Person	8240022	10.000	Hr

Section: 2

0680	Backfill, Structure, CIP	2060002	62.000	Cyd
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0690	Excavation, Fdn	2060010	1,168.000	Cyd
0700	Erosion Control, Sand Bag	2080028	990.000	Ea
0710	Erosion Control, Turbidity Curtain, Shallow	2080044	116.000	Ft
0720	Bridge Ltg, Furn and Rem (B02 of 22051)	7060001	1.000	LSUM
0730	Bridge Ltg, Oper and Maintain	7060002	352.000	Cyd
0740	Expansion Joint Device	7060050	74.000	Ft
0750	False Decking	7060060	8,860.000	Sft
0760	Reinforcement, Steel, Epoxy Coated	7060092	99,958.000	Lb
0770	Substructure Conc	7060100	16.000	Cyd
0780	Superstructure Conc	7060110	40.000	Cyd
0790	Superstructure Conc, Form, Finish, and Cure (B02 of 22051)	7060111	1.000	LSUM
0800	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 22051)	7060112	1.000	LSUM
0810	Superstructure Conc, Night Casting	7060113	352.000	Cyd
0820	Shear Developers (B02 of 22051)	7070040	1.000	LSUM
0830	Joint Waterproofing	7100001	274.000	Sft
0840	Substructure Horizontal Surface Sealer (B02 of 22051)	7100030	18.000	Syd
0850	Bridge Railing, 4 Tube	7110010	638.000	Ft
0860	Hand Chipping, Other Than Deck	7120007	200.000	Cft
0870	Patch, Forming	7120017	600.000	Sft
0880	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	146.000	Ea
0890	Structures, Rehabilitation, Rem Portions (B02 of 22051)	7120070	1.000	LSUM
0900	Top Flanges and Beam Ends, Clean and Coat	7120100	158.000	Syd
0910	Patching Conc, C-L	7120112	8.000	Cyd
0920	Embedded Galvanic Anode	7120120	408.000	Ea
0930	Beam Plate, Seal Perimeter	7130010	502.000	Ft
0940	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	900.000	Lb
0950	Steel Structure, Cleaning, Type 4 (B02 of 22051)	7150045	1.000	LSUM
0960	Steel Structure, Coating, Type 4 (B02 of 22051)	7150046	1.000	LSUM
0970	Field Repair of Damaged Coating (B02 of 22051)	7160001	1.000	LSUM
0980	_ Riprap, Under Structures, Class II	8137031	1,992.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 181207 047

Letting Date: December 7, 2018

Contract ID: 37021-201355

Description: 7.89 mi of hot mix asphalt cold milling and resurfacing with guardrail upgrades on M-20 from the west Isabella County line to Gilmore Road, Isabella County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201355A	N/A	N/A	M 37021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$166,400.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	2,555.000	Ton
0030	Cold Milling HMA Surface	5010002	171,300.000	Syd
0040	HMA Quality Initiative	5010007	28,220.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	70,000.000	Dlr
0060	HMA, 5E3	5010057	14,110.000	Ton
0070	Guardrail, Type MGS-8	8070004	2,125.000	Ft
0080	Guardrail, Curved, Type MGS-8	8070012	100.000	Ft
0090	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0100	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0110	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0120	Guardrail, Salv	8070075	2,735.000	Ft
0130	Guardrail Reflector	8070080	54.000	Ea
0140	_ Guardrail Long Span, Det MGS-1	8077050	4.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	6.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,300.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	37,200.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, White	8110233	81,500.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,300.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	37,200.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	81,500.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Recessing Pavt Mrkg, Longit	8110450	86,800.000	Ft
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	230.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	230.000	Ea

0280	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,800.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,200.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,800.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,200.000	Ft
0350	Sign Cover	8120310	6.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	1,008.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,008.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Monument Box Adjust	8210005	10.000	Ea
0400	Protect Corners	8210020	10.000	Ea
0410	Centerline Corrugations, Milled, HMA	8220013	40,490.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 181207 048**Letting Date:** December 7, 2018**Contract ID:** 39082-202704

Description: Bridge rehabilitation including deck patching, crack sealing, resealing joints, waterproofing sidewalks, railing and deck, concrete, curb, gutter, sidewalk, approach work and pavement markings on M-43 (East Michigan Avenue) over the Kalamazoo River in the city of Kalamazoo, Kalamazoo County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202704A	1900076	N/A	ST 39082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$25,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	50.000	Ft
0030	Pavt, Rem	2040050	48.000	Syd
0040	Sidewalk, Rem	2040055	35.000	Syd
0050	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Aggregate Base, Conditioning	3020050	83.000	Syd
0070	Joint, Expansion, E3	6020208	211.000	Ft
0080	Joint, Expansion, Erg	6030021	211.000	Ft
0090	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	48.000	Syd
0100	Curb and Gutter, Conc, Det F4	8020038	50.000	Ft
0110	Sidewalk, Conc, 4 inch	8030044	315.000	Sft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	36.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	475.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,400.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	475.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,400.000	Ft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0210	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0220	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0230	Pedestrian Type II Barricade, Temp	8120026	4.000	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 Cover, Type R, Black	8120200	1,200.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,100.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,300.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0320	Sign Cover	8120310	10.000	Ea
0330	Sign, Type A, Temp, Prismatic, Furn	8120340	27.000	Sft
0340	Sign, Type A, Temp, Prismatic, Oper	8120341	27.000	Sft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	633.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	633.000	Sft
0370	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0390	TS Face, Bag	8200458	1.000	Ea
0400	TS Face, Bag, Rem	8200459	1.000	Ea
0410	Contractor Staking	8240001	1.000	LSUM
0420	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0430	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0440	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

Section: 2

0450	HMA Patch, Rem	5010006	2.000	Syd
0460	Conc, Grade D	7060010	43.000	Cyd
0470	Conduit, 4 inch	7060032	50.000	Ft
0480	Expansion Joint Device	7060050	240.000	Ft
0490	Expansion Joint Device, Cover Plate	7060051	40.000	Ft
0500	Reinforcement, Steel, Epoxy Coated	7060092	5,408.000	Lb
0510	_ Conduit, 2 inch	7067001	25.000	Ft
0520	Joint Waterproofing	7100001	362.000	Sft
0530	_ Silane Treatment	7107010	22,907.000	Sft
0540	Hand Chipping, Deep	7120004	2.000	Syd
0550	Deck Joint, Rem	7120071	240.000	Ft
0560	Reinforcement, Mechanical Splice	7120084	56.000	Ea
0570	Patching Conc, C-L	7120112	1.000	Cyd



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AASHTOWare Project™ Version 4.0 Revision 189

Schedule of Pay Items

Report v1

Letting Call: 181207 049**Letting Date:** December 7, 2018**Contract ID:** 18021-201357

Description: 8.40 mi of hot mix asphalt cold milling and resurfacing, drainage and guardrail upgrades on US-10 from just west of the Clare/Osceola county line easterly to just west of Ludington Drive, Clare and Osceola Counties. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201357A	N/A	N/A	M 18021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$170,900.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	150.000	Cyd
0030	Erosion Control, Silt Fence	2080036	2,100.000	Ft
0040	Trenching	3070200	88.000	Sta
0050	_ Shoulder, CI II, Modified	3077031	2,400.000	Ton
0060	Culv, CI A, 12 inch	4010131	120.000	Ft
0070	Dr Marker Post	4011109	6.000	Ea
0080	Cold Milling HMA Surface	5010002	171,538.000	Syd
0090	HMA Quality Initiative	5010007	30,558.000	Dlr
0100	Longitudinal Joint Density Quality Initiative	5010018	48,618.000	Dlr
0110	HMA, 5E1	5010056	15,279.000	Ton
0120	Conc, Grade S2	7060011	5.000	Cyd
0130	Reinforcement, Steel, Culv and Headwall	7060091	240.000	Lb
0140	Curb and Gutter, Conc, Det D2	8020031	2,011.000	Ft
0150	Downspout Header, Conc	8020070	6.000	Ea
0160	Guardrail, Type MGS-8	8070004	1,500.000	Ft
0170	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0190	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0200	Guardrail, Salv	8070075	1,813.000	Ft
0210	Guardrail Reflector	8070080	37.000	Ea
0220	_ Guardrail Long Span, Det MGS-1	8077050	6.000	Ea
0230	Delineator Reflector, Green	8100133	40.000	Ea
0240	Post, Rigid, Delineator	8100361	40.000	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, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,480.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	29,705.000	Ft
0300	Pavt Mrkg, Waterborne, 6 inch, White	8110233	88,692.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,480.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	29,705.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	88,692.000	Ft
0340	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0350	Recessing Pavt Mrkg, Longit	8110450	119,877.000	Ft
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	90,172.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	29,705.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,100.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,100.000	Ft
0450	Sign Cover	8120310	6.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	912.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	912.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Riprap, Plain	8130010	90.000	Syd
0500	Slope Restoration, Type B	8160101	670.000	Syd
0510	Monument Box Adjust	8210005	2.000	Ea
0520	Monument Preservation	8210010	2.000	Ea
0530	Centerline Corrugations, Milled, HMA	8220013	43,819.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 181207 050

Letting Date: December 7, 2018

Contract ID: 03035-128075

Description: 2.11 mi of hot mix asphalt cold milling and resurfacing, guardrail and approach reconstruction on westbound I-196 from the CXS Railroad to the Allegan/Ottawa county line in the city of Holland, Allegan County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128075A	1801173	N/A	IM 03035

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$128,700.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	2,326.000	Ft
0030	Pavt, Rem	2040050	961.000	Syd
0040	Excavation, Earth	2050016	128.000	Cyd
0050	_ Embankment, CIP, Special	2057021	406.000	Cyd
0060	Erosion Control, Silt Fence	2080036	400.000	Ft
0070	Subbase, CIP	3010002	28.000	Cyd
0080	_ Open-Graded Dr Cse, 12 inch	3037011	98.000	Syd
0090	_ Open-Graded Dr Cse, 6 inch	3037011	1,025.000	Syd
0100	Shoulder, CI II	3070121	405.000	Ton
0110	Trenching	3070200	8.000	Sta
0120	Culv, Downspout, 15 inch	4010796	49.000	Ft
0130	Dr Marker Post	4011109	40.000	Ea
0140	Underdrain, Subbase, 6 inch	4040063	147.000	Ft
0150	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0170	_ Underdrain Outlet Cleanout	4047050	37.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	Cold Milling HMA Surface	5010002	45,957.000	Syd
0200	Bump Grinding	5010004	251.000	Syd
0210	HMA Surface, Rem	5010005	944.000	Syd
0220	HMA Quality Initiative	5010007	24,446.000	Dlr
0230	Longitudinal Joint Density Quality Initiative	5010018	21,851.000	Dlr
0240	Hand Patching	5010025	58.000	Ton
0250	HMA, 4E3	5010051	1,268.000	Ton
0260	HMA, 4E10	5010052	4,081.000	Ton
0270	HMA, 5E3	5010057	980.000	Ton

0280	HMA, 5E10	5010058	3,219.000	Ton
0290	HMA Approach	5010061	606.000	Ton
0300	_ Ride Incentive	5017060	10,000.000	Dlr
0310	Joint, Expansion, E3	6020208	47.000	Ft
0320	Cement	6030005	4.000	Ton
0330	Cold Milling Conc Pavt	6030014	1,064.000	Syd
0340	Joint, Expansion, Erg	6030021	240.000	Ft
0350	Non-Chloride Accelerator	6030035	58.000	Gal
0360	Pavt Repr, Nonreinf Conc, 11 inch	6030050	80.000	Syd
0370	Pavt Repr, Rem	6030080	80.000	Syd
0380	Saw Cut, Intermediate	6030090	240.000	Ft
0390	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	98.000	Syd
0400	Conc, Grade D	7060010	2.000	Cyd
0410	Conc, Grade S2	7060011	1.000	Cyd
0420	Reinforcement, Steel, Culv and Headwall	7060091	46.000	Lb
0430	Hand Chipping, Shallow	7120003	3.000	Syd
0440	Hand Chipping, Deep	7120004	3.000	Syd
0450	Curb and Gutter, Bridge Approach	8020010	145.000	Ft
0460	Downspout Header, Conc	8020070	1.000	Ea
0470	Guardrail, Type MGS-8	8070004	2,153.000	Ft
0480	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0490	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0500	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0510	Guardrail Reflector	8070080	53.000	Ea
0520	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	10.000	Ea
0530	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	28.000	Ea
0540	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	32.000	Ea
0550	Delineator, Rem	8100349	70.000	Ea
0560	Post, Rigid, Delineator	8100361	70.000	Ea
0570	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,754.000	Ft
0580	Pavt Mrkg, Polyurea, 6 inch, White	8110094	11,035.000	Ft
0590	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	11,035.000	Ft
0600	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0610	Recessing Pavt Mrkg, Longit	8110450	24,804.000	Ft
0620	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0630	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0640	Conc Barrier, Temp, Adj	8120080	860.000	Ft
0650	Conc Barrier, Temp, Furn	8120081	860.000	Ft
0660	Conc Barrier, Temp, Oper	8120082	860.000	Ft
0670	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0680	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,202.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,320.000	Ft
0740	Plastic Drum, Fluorescent, Furn	8120252	138.000	Ea
0750	Plastic Drum, Fluorescent, Oper	8120253	138.000	Ea
0760	Sign Cover	8120310	4.000	Ea
0770	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0780	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	560.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	560.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0830	Riprap, Plain	8130010	10.000	Syd
0840	Slope Restoration, Type A	8160100	1,971.000	Syd
0850	Slope Restoration, Type B	8160101	1,229.000	Syd
0860	Slope Restoration, Type C	8160102	820.000	Syd
0870	Shoulder Corrugations, Ground or Cut, Conc	8220000	39.000	Ft
0880	Shoulder Corrugations, Ground or Cut, HMA	8220001	21,812.000	Ft
0890	Contractor Staking	8240001	1.000	LSUM
0900	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0910	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0920	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 051

Letting Date: December 7, 2018

Contract ID: 47082-132608

Description: 4.28 mi of single chip and fog seal, micro-surfacing, concrete curb, gutter, sidewalk and ramp upgrades and pavement markings on M-59 from I-96 to the east city limits of Howell in the city of Howell, Livingston County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132608A	1900064	N/A	NH 47082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$121,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	51.000	Ft
0030	Sidewalk, Rem	2040055	24.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	170.000	Ea
0050	Aggregate Base, 4 inch	3020010	44.000	Syd
0060	HMA Surface, Rem	5010005	5.000	Syd
0070	Hand Patching	5010025	5.000	Ton
0080	Micro-Surface, Single Cse, Warranty	5040020	200,800.000	Syd
0090	_ Seal, Fog	5057011	200,800.000	Syd
0100	_ Seal, Single Chip, Modified	5057011	200,800.000	Syd
0110	Conc Base Cse, Nonreinf, 7 inch	6020017	5.000	Syd
0120	Curb and Gutter, Conc, Det B2	8020016	28.000	Ft
0130	Detectable Warning Surface	8030010	20.000	Ft
0140	Curb Ramp Opening, Conc	8030030	23.000	Ft
0150	Sidewalk Ramp, Conc, 6 inch	8030036	194.000	Sft
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	450.000	Ft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	550.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	22,700.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,900.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	32,600.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	27,450.000	Ft
0220	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	450.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	850.000	Ft
0240	Pavt Mrkg, Polyurea, 4 inch, Turning Guide Line, White	8110221	200.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,700.000	Ft
0260	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,900.000	Ft
0270	Pavt Mrkg, Waterborne, 6 inch, White	8110233	32,600.000	Ft

0280	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	27,450.000	Ft
0290	Pavt Mrkg, Waterborne, 12 inch, White	8110237	450.000	Ft
0300	Pavt Mrkg, Waterborne, 12 inch, Yellow	8110238	850.000	Ft
0310	Rem Spec Mrkg	8110343	6,850.000	Sft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	53.000	Ea
0340	Pavt Mrkg, Polyurea, Only	8110410	8.000	Ea
0350	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	35.000	Ea
0360	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0390	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Mobile Attenuator	8120180	1.000	Ea
0440	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	55,300.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	43,350.000	Ft
0460	Plastic Drum, Fluorescent, Furn	8120252	550.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	550.000	Ea
0480	Sign Cover	8120310	15.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0500	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	1,205.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	1,205.000	Sft
0530	Traf Regulator Control	8120370	1.000	LSUM
0540	_ Turf Establishment, Performance	8167011	15.000	Syd
0550	TS Face, Bag	8200458	4.000	Ea
0560	TS Face, Bag, Rem	8200459	4.000	Ea
0570	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	6,650.000	Ft
0580	Contractor Staking, Road Only	8240007	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 181207 052

Letting Date: December 7, 2018

Contract ID: 83033-203001

Description: Rehabilitation of 2 structures including backwall replacement, concrete curb, gutter, culvert downspout, approach work, drainage, guardrail, expansion joint, temporary steel sheet piling and pavement markings on US-131 at Boon Road and Old US-131, Wexford County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203001A	N/A	N/A	M 83033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$87,200.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Curb and Gutter, Rem	2040020	315.000	Ft
0040	Pavt, Rem	2040050	104.000	Syd
0050	Embankment, LM	2050011	137.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0080	Erosion Control, Silt Fence	2080036	600.000	Ft
0090	Aggregate Base	3020001	3,109.000	Ton
0100	Culv, Downspout, 12 inch	4010795	272.000	Ft
0110	Dr Marker Post	4011109	8.000	Ea
0120	Underdrain Outlet, 6 inch	4040093	160.000	Ft
0130	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0140	HMA Surface, Rem	5010005	168.000	Syd
0150	Hand Patching	5010025	74.000	Ton
0160	Joint, Expansion, E3	6020208	104.000	Ft
0170	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	332.000	Syd
0180	Curb and Gutter, Bridge Approach	8020010	330.000	Ft
0190	Downspout Header, Conc	8020070	8.000	Ea
0200	Guardrail, Reconst, Type B	8070105	75.000	Ft
0210	Guardrail, Reconst, Type T	8070109	300.000	Ft
0220	_ Flexible Guardrail Delineator (White)	8077050	60.000	Ea
0230	Post, Steel, 3 lb	8100371	32.000	Ft
0240	Post, Wood, 4 inch by 6 inch	8100380	68.000	Ft
0250	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0260	Sign, Type II, Rem	8100397	2.000	Ea
0270	Sign, Type III, Erect, Salv	8100402	1.000	Ea

0280	Sign, Type III, Rem	8100403	1.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,880.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,560.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,240.000	Ft
0330	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	672.000	Ft
0340	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	216.000	Ft
0350	Rem Spec Mrkg	8110343	680.000	Sft
0360	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0370	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0390	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
0400	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
0410	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
0420	Conc Barrier Reflector Replacement	8120070	180.000	Ea
0430	Conc Barrier, Temp, Adj	8120080	1,400.000	Ft
0440	Conc Barrier, Temp, Furn	8120081	1,800.000	Ft
0450	Conc Barrier, Temp, Oper	8120082	1,800.000	Ft
0460	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0470	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	19,800.000	Ft
0520	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	3,270.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	17,400.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	17,330.000	Ft
0550	Plastic Drum, Fluorescent, Furn	8120252	230.000	Ea
0560	Plastic Drum, Fluorescent, Oper	8120253	230.000	Ea
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	6.000	Ea
0580	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	6.000	Ea
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	60.000	Ft
0600	PTS System, Temp, Furn	8120270	1.000	Ea
0610	PTS System, Temp, Oper	8120271	1.000	Ea
0620	Sign Cover	8120310	20.000	Ea
0630	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0640	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0650	Sign, Type A, Temp, Prismatic, Furn	8120340	10.000	Sft
0660	Sign, Type A, Temp, Prismatic, Oper	8120341	10.000	Sft
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft

0690	Traf Regulator Control	8120370	1.000	LSUM
0700	_ Pavt Mrkg, Wet Reflective, Type R,12 inch, Cross Hatching, Yellow	8127001	380.000	Ft
0710	_ Temp Rumble Strips (Orange)Stop Condition	8127001	1,390.000	Ft
0720	_ Turf Establishment, Performance	8167011	157.000	Syd
0730	Flsh Beacon, Solar Power, Dual	8200073	2.000	Ea
0740	Flsh Beacon, Solar Power, Dual, Rem	8200074	2.000	Ea

Section: 2

0750	Excavation, Fdn	2060010	1,746.000	Cyd
0760	Underdrain, Fdn, 6 inch	4040033	931.000	Ft
0770	Steel Sheet Piling, Temp	7040002	768.000	Sft
0780	Conduit, 4 inch	7060032	112.000	Ft
0790	Expansion Joint Device	7060050	270.000	Ft
0800	Reinforcement, Steel, Epoxy Coated	7060092	55,622.000	Lb
0810	Superstructure Conc, Form, Finish, and Cure (S07 of 83033)	7060111	1.000	LSUM
0820	Superstructure Conc, Form, Finish, and Cure (S11 of 83033)	7060111	1.000	LSUM
0830	Superstructure Conc, High Performance	7060116	327.000	Cyd
0840	Joint Waterproofing	7100001	18.000	Sft
0850	Joint Waterproofing, Expansion	7100003	262.000	Sft
0860	Bridge Railing, Aesthetic, Type 4, Det 2, High Performance	7110051	14.000	Ft
0870	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	116.000	Ea
0880	Structures, Rehabilitation, Rem Portions (S07 of 83033)	7120070	1.000	LSUM
0890	Structures, Rehabilitation, Rem Portions (S11 of 83033)	7120070	1.000	LSUM