



11/30/2018 8:28 AM

AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 001

**Letting Date:** January 4, 2019

**Contract ID:** 24000-202892

**Description:** 2.39 mi of guardrail replacement on various routes, Emmet County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202892A	1900024	N/A	HSIP 24000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$36,000	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	5,963.000	Ft
0030	Guardrail, Type MGS-8	8070004	11,441.000	Ft
0040	Guardrail, Curved, Type MGS-8	8070012	1,201.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	34.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	26.000	Ea
0070	Guardrail Reflector	8070080	544.000	Ea
0080	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0090	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	_ Minor Traf Devices, Modified	8127051	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 002

**Letting Date:** January 4, 2019

**Contract ID:** 63022-119805

**Description:** 10.14 mi of hot mix asphalt cold milling and resurfacing, concrete patching, detail 7 repairs, signage, pavement markings and rehabilitation of 2 structures consisting of deep overlay, barrier replacement, beam and deck replacement (one span) and substructure repairs on M-5 from 13 Mile Road south to 8 Mile Road in the cities of Novi, Farmington and Farmington Hills, Oakland County. This project includes a 5 year materials and workmanship pavement warranty and a 2 year performance warranty for the concrete surface coating.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
119805A	1900089	N/A	NH 63022
123712A	1900092	N/A	NHG 63022
201236A	N/A	N/A	M 63022
203691A	1900090	N/A	BO 63022

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$941,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	73.000	Ft
0040	Curb and Gutter, Rem	2040020	160.000	Ft
0050	Guardrail, Rem	2040035	2,097.000	Ft
0060	Pavt, Rem	2040050	553.000	Syd
0070	Sidewalk, Rem	2040055	84.000	Syd
0080	Exploratory Investigation, Vertical	2040080	40.000	Ft
0090	Embankment, CIP	2050010	426.000	Cyd
0100	Excavation, Earth	2050016	645.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0120	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0130	Erosion Control, Silt Fence	2080036	325.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, LM	3020002	11.000	Cyd
0160	Aggregate Base, 4 inch	3020010	98.000	Syd
0170	_ Aggregate Base, 21 inch	3027011	37.000	Syd
0180	_ Open-Graded Dr Cse, 16 inch	3037011	522.000	Syd
0190	Shoulder, CI II	3070121	150.000	Ton
0200	Shoulder, CI II, LM	3070123	2,600.000	Cyd
0210	Geotextile, Separator	3080005	547.000	Syd
0220	Sewer, CI A, 12 inch, Tr Det B	4020033	47.000	Ft

0230	Sewer, CI A, 18 inch, Tr Det B	4020035	45.000	Ft
0240	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0250	Dr Structure Cover, Type K	4030050	4.000	Ea
0260	Dr Structure Lead, Cleaning, 12 inch	4030112	105.000	Ft
0270	Dr Structure, 48 inch dia	4030210	3.000	Ea
0280	Dr Structure, Cleaning	4030290	14.000	Ea
0290	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0300	Pavt, Cleaning	5010001	1.000	LSUM
0310	Cold Milling HMA Surface	5010002	177,418.000	Syd
0320	HMA Surface, Rem	5010005	1,773.000	Syd
0330	HMA Quality Initiative	5010007	81,310.000	Dlr
0340	Pavt for Butt Joints, Rem	5010008	7,522.000	Syd
0350	Longitudinal Joint Density Quality Initiative	5010018	218,051.000	Dlr
0360	Pavt Joint and Crack Repr, Det 7	5010020	14,100.000	Ft
0370	Hand Patching	5010025	705.000	Ton
0380	HMA, 4E3	5010051	16,724.000	Ton
0390	HMA, 5E3	5010057	19,918.000	Ton
0400	HMA Approach	5010061	3,471.000	Ton
0410	Joint, Contraction, Cp	6020200	24.000	Ft
0420	Joint, Expansion, E2	6020207	157.000	Ft
0430	Joint, Expansion, E3	6020208	134.000	Ft
0440	Conc Quality Initiative	6020401	2,260.000	Dlr
0450	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	48.000	Syd
0460	Cement	6030005	160.000	Ton
0470	Cold Milling Conc Pavt	6030014	2,262.000	Syd
0480	Joint, Contraction, Crg	6030020	6,728.000	Ft
0490	Lane Tie, Epoxy Anchored	6030030	379.000	Ea
0500	Non-Chloride Accelerator	6030035	1,257.000	Gal
0510	Pavt Repr, Rem	6030080	2,262.000	Syd
0520	Saw Cut, Intermediate	6030090	405.000	Ft
0530	_ Pavt Repr, Nonreinf Conc, 14 inch	6037011	2,262.000	Syd
0540	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	392.000	Syd
0550	Curb and Gutter, Bridge Approach	8020010	111.000	Ft
0560	Curb and Gutter, Conc, Det C3	8020022	86.000	Ft
0570	Curb and Gutter, Conc, Det D2	8020031	72.000	Ft
0580	Curb and Gutter, Conc, Det D3	8020032	202.000	Ft
0590	Detectable Warning Surface	8030010	20.000	Ft
0600	Curb Ramp Opening, Conc	8030030	17.000	Ft
0610	Sidewalk Ramp, Conc, 4 inch	8030034	152.000	Sft
0620	Sidewalk, Conc, 4 inch	8030044	1,072.000	Sft
0630	Guardrail, Type MGS-8	8070004	3,335.000	Ft
0640	Guardrail, Curved, Type B	8070010	38.000	Ft
0650	Guardrail, Curved, Type MGS-8	8070012	29.000	Ft
0660	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0670	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea

0680	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
0690	Guardrail Approach Terminal, Type 2M	8070044	16.000	Ea
0700	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0710	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0720	Guardrail Departing Terminal, Type MGS	8070052	19.000	Ea
0730	Guardrail Reflector	8070080	116.000	Ea
0740	Post, Mailbox	8070095	1.000	Ea
0750	Guardrail, Reconst, Type T	8070109	300.000	Ft
0760	Guardrail Anch Bridge, Det T1, Modified	8070121	2.000	Ea
0770	Band, Sign	8100010	2.000	Ea
0780	Bridge Sign Connection, Bolt Replacement	8100020	27.000	Ea
0790	Bridge Sign Connection, Conc, Type A1	8100031	8.000	Ea
0800	Bridge Sign Connection, Steel, Type F	8100065	1.000	Ea
0810	Bridge Sign Connection, Steel, Type J	8100069	1.000	Ea
0820	Bridge Sign Connection, Type A, Rem	8100080	8.000	Ea
0830	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
0840	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
0850	Cantilever, Rem	8100090	1.000	Ea
0860	Cantilever, Type E	8100104	2.000	Ea
0870	Column, Breakaway, W8 x 13	8100120	22.000	Ea
0880	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0890	Delineator Reflector, Red	8100131	177.000	Ea
0900	Delineator Reflector, Yellow	8100132	156.000	Ea
0910	Delineator Reflector, Green	8100133	276.000	Ea
0920	Delineator Reflector, White	8100134	1,027.000	Ea
0930	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	57.000	Ea
0940	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
0950	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	139.000	Ea
0960	Fdn, Breakaway, W8 x 13	8100160	22.000	Ea
0970	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
0980	Fdn, Cantilever, Rem	8100190	1.000	Ea
0990	Fdn, Column Breakaway, Rem	8100220	22.000	Ea
1000	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	782.000	Ft
1010	Fdn, Truss, Rem	8100260	20.000	Ea
1020	Fdn, Wood Support, Rem	8100280	180.000	Ea
1030	Installing MDOT Supplied Sign, Type III	8100302	11.000	Ea
1040	Perforated Steel Square Tube Breakaway System	8100330	31.000	Ea
1050	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	30.000	Ea
1060	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
1070	Delineator, Rem	8100349	200.000	Ea
1080	Post, Flexible, Delineator	8100360	149.000	Ea
1090	Post, Rigid, Delineator	8100361	1,399.000	Ea
1100	Post, Steel, 3 lb	8100371	12,411.000	Ft

1110	Post, Wood, 4 inch by 6 inch	8100380	3,061.000	Ft
1120	Post, Wood, 6 inch by 8 inch	8100382	865.000	Ft
1130	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1140	Sign, Type I, Rem	8100391	60.000	Ea
1150	Sign, Type IA	8100392	7,807.000	Sft
1160	Sign, Type IB	8100393	984.000	Sft
1170	Sign, Type II, Rem	8100397	126.000	Ea
1180	Sign, Type IIA	8100398	1,613.000	Sft
1190	Sign, Type IIB	8100399	1,436.000	Sft
1200	Sign, Type III, Rem	8100403	803.000	Ea
1210	Sign, Type IIIA	8100404	2,013.000	Sft
1220	Sign, Type IIIB	8100405	1,955.000	Sft
1230	Sign, Type VB	8100425	1,076.000	Sft
1240	Truss, Rem	8100440	9.000	Ea
1250	Truss, Type E, 70 foot	8100488	1.000	Ea
1260	Truss, Type E, 80 foot	8100490	4.000	Ea
1270	Truss, Type E, 85 foot	8100491	1.000	Ea
1280	Truss, Type E, 90 foot	8100492	2.000	Ea
1290	Truss, Type E, 100 foot	8100494	1.000	Ea
1300	Truss, Type E, 105 foot	8100495	1.000	Ea
1310	Reflective Panel for Permanent Sign Support, 3 foot	8100613	94.000	Ea
1320	Reflective Panel for Permanent Sign Support, 6 foot	8100616	173.000	Ea
1330	_ Post, Rem	8107050	1.000	Ea
1340	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	25.000	Ft
1350	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
1360	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Turning Guide Line, White	8110053	10.000	Ft
1370	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
1380	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
1390	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
1400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
1410	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
1420	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	142.000	Ft
1430	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	62.000	Ft
1440	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,165.000	Ft
1450	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,696.000	Ft
1460	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
1470	Recessing Pavt Mrkg, Longit	8110450	123,809.000	Ft
1480	Recessing Pavt Mrkg, Transv	8110451	195.000	Sft
1490	Recessing Pavt Mrkg, Turning Guide Line	8110452	4.000	Sft
1500	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	14,574.000	Ft
1510	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	52,423.000	Ft
1520	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	4,480.000	Ft

1530	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	52,332.000	Ft
1540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	110.000	Ea
1550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	110.000	Ea
1560	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1570	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	5.000	Ea
1580	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	5.000	Ea
1590	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	5.000	Ea
1600	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	9.000	Ea
1610	Conc Barrier, Temp, Adj	8120080	1,500.000	Ft
1620	Conc Barrier, Temp, Furn	8120081	1,700.000	Ft
1630	Conc Barrier, Temp, Oper	8120082	1,700.000	Ft
1640	Conc Barrier, Temp, Relocated	8120083	2,700.000	Ft
1650	Lighted Arrow, Type C, Furn	8120140	16.000	Ea
1660	Lighted Arrow, Type C, Oper	8120141	16.000	Ea
1670	Ltg for Night Work	8120160	1.000	LSUM
1680	Minor Traf Devices	8120170	1.000	LSUM
1690	Mobile Attenuator	8120180	2.000	Ea
1700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	13,000.000	Ft
1710	Plastic Drum, Fluorescent, Furn	8120252	1,640.000	Ea
1720	Plastic Drum, Fluorescent, Oper	8120253	1,640.000	Ea
1730	Sign Cover	8120310	132.000	Ea
1740	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
1750	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
1760	Sign, Type B, Temp, Prismatic, Furn	8120350	8,567.000	Sft
1770	Sign, Type B, Temp, Prismatic, Oper	8120351	8,567.000	Sft
1780	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	252.000	Sft
1790	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	252.000	Sft
1800	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	14.000	Ea
1810	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	14.000	Ea
1820	Slope Restoration, Type B	8160101	7,630.000	Syd
1830	Cable Pole, TS, Disman	8190010	1.000	Ea
1840	Conduit, DB, 1, 1 1/2 inch	8190027	95.000	Ft
1850	Conduit, DB, 1, 3 inch	8190029	250.000	Ft
1860	Conduit, Rem	8190140	110.000	Ft
1870	Hh, Rem	8190254	6.000	Ea
1880	Hh, Round	8190260	10.000	Ea
1890	Cable, Sec, 600V, 1, 3/C#6	8190399	250.000	Ft
1900	Cable, Sec, Triplex, 1, 3/C#4	8190418	45.000	Ft
1910	Wood Pole	8190465	2.000	Ea
1920	Wood Pole, Fit Up, TS Cable Pole	8190501	4.000	Ea
1930	Conduit, Directional Bore, 1, 3 inch	8190602	225.000	Ft
1940	Controller and Cabinet, Rem	8200030	2.000	Ea

1950	Fish Beacon, Controller and Cabinet, Solid State	8200070	3.000	Ea
1960	Power Co. (Est. Cost to Contractor)	8200116	20,440.000	Dir
1970	Serv Disconnect	8200135	3.000	Ea
1980	Serv Disconnect, Rem	8200136	1.000	Ea
1990	Span Wire	8200140	4.000	Ea
2000	Span Wire, Rem	8200141	4.000	Ea
2010	Warning Sign	8200260	6.000	Ea
2020	Warning Sign, Rem	8200261	6.000	Ea
2030	TS Face, Bag	8200458	4.000	Ea
2040	TS Face, Bag, Rem	8200459	4.000	Ea
2050	Shoulder Corrugations, Ground or Cut, HMA	8220001	96,146.000	Ft
2060	Contractor Staking	8240001	1.000	LSUM
2070	Staking Plan Errors and Extras, One Person	8240020	81.000	Hr
2080	Staking Plan Errors and Extras, Two Person	8240021	35.000	Hr
2090	Staking Plan Errors and Extras, Three Person	8240022	49.000	Hr

**Section: 2**

2100	Asbestos Materials, Rem and Disposal	2040001	40,000.000	Dir
2110	Backfill, Structure, CIP	2060002	126.000	Cyd
2120	Excavation, Fdn	2060010	126.000	Cyd
2130	Bridge Ltg, Furn and Rem (S11 of 63022)	7060001	1.000	LSUM
2140	Bridge Ltg, Oper and Maintain	7060002	104.000	Cyd
2150	Conc, Grade D	7060010	50.000	Cyd
2160	Conduit, 3 inch	7060030	207.000	Ft
2170	Elec Grounding System	7060040	2.000	Ea
2180	Expansion Joint Device	7060050	228.000	Ft
2190	Expansion Joint Device, Cover Plate	7060051	25.000	Ft
2200	False Decking	7060060	20,714.000	Sft
2210	Reinforcement, Steel, Epoxy Coated	7060092	36,991.000	Lb
2220	Substructure Conc, High Performance	7060101	24.000	Cyd
2230	Superstructure Conc, Form, Finish, and Cure (S11 of 63022)	7060111	1.000	LSUM
2240	Superstructure Conc, Form, Finish, and Cure, Night Casting (S11 of 63022)	7060112	1.000	LSUM
2250	Superstructure Conc, High Performance	7060116	7.000	Cyd
2260	Superstructure Conc, Night Casting, High Performance	7060117	104.000	Cyd
2270	_ Expansive Waterstop	7067001	492.000	Ft
2280	Shear Developers (S11 of 63022)	7070040	1.000	LSUM
2290	Structural Steel, Plate, Erect	7070060	69,049.000	Lb
2300	Structural Steel, Plate, Furn and Fab	7070061	70,148.000	Lb
2310	Joint Waterproofing	7100001	575.000	Sft
2320	Conc Surface Coating, Warranty (S10 of 63022)	7100009	1.000	LSUM
2330	Conc Surface Coating, Warranty (S11 of 63022)	7100009	1.000	LSUM
2340	Substructure Horizontal Surface Sealer (S10 of 63022)	7100030	63.000	Syd
2350	Substructure Horizontal Surface Sealer (S11 of 63022)	7100030	13.000	Syd

2360	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	207.000	Ft
2370	Bridge Barrier Railing, Type 4, Modified	7110030	492.000	Ft
2380	Scarifying	7120001	1,385.000	Syd
2390	Hand Chipping, Other Than Deck	7120007	1,484.000	Cft
2400	Patch, Forming	7120017	2,968.000	Sft
2410	Bridge Deck Surface Construction	7120025	1,385.000	Syd
2420	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	738.000	Ea
2430	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	24.000	Ea
2440	Structures, Rehabilitation, Rem Portions (S10 of 63022)	7120070	1.000	LSUM
2450	Structures, Rehabilitation, Rem Portions (S11 of 63022)	7120070	1.000	LSUM
2460	Deck Joint, Rem	7120071	187.000	Ft
2470	Hydrodemolition, First Pass	7120076	1,385.000	Syd
2480	Hydrodemolition, Second Pass	7120077	132.000	Syd
2490	Top Flanges and Beam Ends, Clean and Coat	7120100	6.000	Syd
2500	Patching Conc, C-L	7120112	56.000	Cyd
2510	Embedded Galvanic Anode	7120120	1,531.000	Ea
2520	_ Conc, Deep Bridge Deck Ovly	7127021	154.000	Cyd
2530	Beam Plate, Seal Perimeter	7130010	204.000	Ft
2540	Steel Structure, Cleaning, Partial, Type 4 (S11 of 63022)	7150047	1.000	LSUM
2550	Steel Structure, Coating, Partial, Type 4 (S11 of 63022)	7150048	1.000	LSUM
2560	Fence, Structure	8080110	6,823.000	Sft
2570	Slope Paving Header	8130015	227.000	Ft
2580	Slope Paving, Conc	8130020	345.000	Syd





**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 003

**Letting Date:** January 4, 2019

**Contract ID:** 63051-118285

**Description:** Traffic signal modernization and sidewalk ramp upgrades at 7 locations along M-1 (Woodward Avenue) and US-24 (Telegraph Road) in the cities of Pleasant Ridge, Royal Oak and Birmingham, Oakland County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
118285A	1900106	N/A	STG 63051

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$219,500.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	7.000	Ft
0040	Curb and Gutter, Rem	2040020	121.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Pavt, Rem	2040050	918.000	Syd
0070	Sidewalk, Rem	2040055	1,358.000	Syd
0080	Exploratory Investigation, Vertical	2040080	275.000	Ft
0090	Embankment, CIP	2050010	60.000	Cyd
0100	Excavation, Earth	2050016	410.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	38.000	Ea
0130	Aggregate Base, 4 inch	3020010	1,506.000	Syd
0140	Aggregate Base, 6 inch	3020016	24.000	Syd
0150	Sewer, Cl A, 12 inch, Tr Det B	4020033	47.000	Ft
0160	Sewer, Cl A, 15 inch, Tr Det B	4020034	8.000	Ft
0170	_ Sewer Trap, 12 inch	4027050	1.000	Ea
0180	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0200	Dr Structure Cover, Type B	4030010	1.000	Ea
0210	Dr Structure Cover, Type K	4030050	2.000	Ea
0220	Dr Structure, 48 inch dia	4030210	1.000	Ea
0230	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0240	Drop Inlet, Type 1	4030395	2.000	Ea
0250	_ Dr Structure Cover, ADA Compliant	4037050	6.000	Ea
0260	_ Utility Structure Cover, Adj, Case 2	4037050	1.000	Ea
0270	Hand Patching	5010025	38.000	Ton

0280	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	24.000	Syd
0290	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0300	Pavt Repr, Nonreinf Conc, 9 inch	6030046	34.000	Syd
0310	Coating Galvanized Support Structures	7160010	13.000	Ea
0320	_ Pedestrian Path, Temp	8007001	240.000	Ft
0330	_ Managed Field Ethernet Switch, Fiber Capable	8007050	7.000	Ea
0340	_ Roadside Unit, Intersection	8007050	7.000	Ea
0350	Driveway, Nonreinf Conc, 6 inch	8010005	3.000	Syd
0360	_ Curb and Gutter, Conc, Det C5, Modified	8027001	190.000	Ft
0370	_ Curb and Gutter, Conc, Det F5, Modified	8027001	1,300.000	Ft
0380	Detectable Warning Surface	8030010	685.000	Ft
0390	Sidewalk Ramp, Conc, 4 inch	8030034	9,755.000	Sft
0400	Sidewalk Ramp, Conc, 6 inch	8030036	459.000	Sft
0410	Sidewalk Ramp, Conc, 7 inch	8030037	172.000	Sft
0420	Sidewalk, Conc, 4 inch	8030044	3,642.000	Sft
0430	Sidewalk, Conc, 6 inch	8030046	74.000	Sft
0440	_ Conc Pavers on Conc Base	8037010	157.000	Sft
0450	_ Sidewalk, Brickwork, Rem	8037010	157.000	Sft
0460	Fence, Protective	8080007	200.000	Ft
0470	Band, Sign	8100010	4.000	Ea
0480	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0490	Post, Steel, 3 lb	8100371	74.000	Ft
0500	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0510	Sign, Type III, Rem	8100403	10.000	Ea
0520	Sign, Type IIIA	8100404	7.000	Sft
0530	Sign, Type IIIB	8100405	18.000	Sft
0540	Mast Arm Pole, Cat I	8100510	4.000	Ea
0550	Mast Arm, 40 foot, Cat I	8100524	1.000	Ea
0560	Mast Arm, 45 foot, Cat I	8100525	2.000	Ea
0570	Mast Arm, 50 foot, Cat I	8100526	3.000	Ea
0580	Mast Arm Pole Fdn, 6 Bolt	8100550	48.000	Ft
0590	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	70.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	380.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	80.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0630	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	7,625.000	Ft
0640	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,495.000	Ft
0650	Rem Spec Mrkg	8110343	8,333.000	Sft
0660	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	470.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0690	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea

0700	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0710	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Mobile Attenuator	8120180	4.000	Ea
0740	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	440.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	850.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	850.000	Ea
0770	Sign Cover	8120310	20.000	Ea
0780	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0790	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	28.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	28.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	Slope Restoration, Type A	8160100	1,359.000	Syd
0860	Cable, Sec, Rem	8190017	430.000	Ft
0870	Conduit, DB, 1, 1 1/2 inch	8190027	1,530.000	Ft
0880	Conduit, DB, 1, 3 inch	8190029	15.000	Ft
0890	Conduit, DB, 2, 3 inch	8190032	25.000	Ft
0900	Conduit, DB, 3, 3 inch	8190035	505.000	Ft
0910	Conduit, DB, 4, 3 inch	8190038	95.000	Ft
0920	Conduit, Rem	8190140	260.000	Ft
0930	Hh, Adj	8190244	1.000	Ea
0940	Hh, Polymer Conc	8190250	14.000	Ea
0950	Hh, Rem	8190254	15.000	Ea
0960	Hh, Round, 3 foot dia	8190259	9.000	Ea
0970	Hh, Round	8190260	31.000	Ea
0980	Luminaire, Install Salv	8190350	21.000	Ea
0990	Luminaire, Rem and Salv	8190365	21.000	Ea
1000	Cable, Sec, 600V, 1, 2/C#4	8190394	675.000	Ft
1010	Cable, Sec, 600V, 1, 3/C#6	8190399	1,630.000	Ft
1020	Wood Pole, Cl 4, 45 foot	8190474	3.000	Ea
1030	Conduit, Directional Bore, 2, 3 inch	8190604	1,790.000	Ft
1040	Conduit, Directional Bore, 3, 3 inch	8190606	100.000	Ft
1050	Case Sign, Rem	8200020	20.000	Ea
1060	Controller and Cabinet, Rem	8200030	7.000	Ea
1070	Controller Fdn, Base Mount	8200045	7.000	Ea
1080	Controller Fdn, Rem	8200046	1.000	Ea
1090	Global Positioning System Module	8200050	7.000	Ea
1100	Global Positioning System Module, Rem	8200053	7.000	Ea
1110	Fdn, Rem	8200065	30.000	Ea
1120	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	7.000	Ea
1130	Pedestal, Alum	8200100	17.000	Ea
1140	Pedestal, Fdn	8200105	40.000	Ea

1150	Pedestal Fdn, Rem	8200106	9.000	Ea
1160	Pedestal, Rem	8200110	9.000	Ea
1170	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
1180	Power Co. (Est. Cost to Contractor)	8200116	7,000.000	Dlr
1190	Pushbutton and Sign	8200121	54.000	Ea
1200	Pushbutton Pedestal, Alum	8200123	21.000	Ea
1210	Serv Disconnect	8200135	10.000	Ea
1220	Serv Disconnect, Rem	8200136	7.000	Ea
1230	Span Wire	8200140	30.000	Ea
1240	Span Wire, Rem	8200141	18.000	Ea
1250	Span Wire Tether	8200142	30.000	Ea
1260	Steel Pole, Rem	8200145	30.000	Ea
1270	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
1280	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	29.000	Ea
1290	TS, Pedestrian, Pedestal Mtd, Rem	8200181	9.000	Ea
1300	TS, Span Wire Mtd, Rem	8200182	38.000	Ea
1310	TS, One Way Span Wire Mtd (LED)	8200313	104.000	Ea
1320	TS, Two Way Span Wire Mtd (LED)	8200322	8.000	Ea
1330	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1340	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
1350	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	25.000	Ea
1360	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1370	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	14.000	Ea
1380	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
1390	TS, One Way Mast Arm Mtd (LED)	8200359	16.000	Ea
1400	Case Sign, Four Way, 24 inch by 30 inch, Non- Illuminated	8200430	2.000	Ea
1410	Case Sign, One Way, 12 inch by 27 inch, Non- Illuminated	8200433	2.000	Ea
1420	Case Sign, One Way, 24 inch by 30 inch, Non- Illuminated	8200434	25.000	Ea
1430	Case Sign, Two Way, 24 inch by 30 inch, Non- Illuminated	8200435	11.000	Ea
1440	TS Face, Bag	8200458	12.000	Ea
1450	TS Face, Bag, Rem	8200459	12.000	Ea
1460	Strain Pole, Steel, 6 bolt, 30 foot	8200460	12.000	Ea
1470	Strain Pole, Steel, 6 bolt, 36 foot	8200461	20.000	Ea
1480	Strain Pole, Steel, 6 bolt, 40 foot	8200462	4.000	Ea
1490	Strain Pole Fdn, 6 Bolt	8200470	516.000	Ft
1500	Casing	8200480	243.000	Ft
1510	Cellular Modem, TS, 4G	8200498	7.000	Ea
1520	Backplate, TS	8200501	136.000	Ea
1530	_ Cabinet, NEMA Type	8207050	7.000	Ea
1540	_ Controller, NEMA ATC Type	8207050	7.000	Ea

1550	_ Pedestal Painting	8207050	10.000	Ea
1560	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
1570	Gate Box, Adj, Case 2	8230432	5.000	Ea
1580	Contractor Staking, Road Only	8240007	1.000	LSUM
1590	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr
1600	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1610	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr
1620	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1630	Lightning Protection, Pole	8260021	7.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 004

**Letting Date:** January 4, 2019

**Contract ID:** 13062-200395

**Description:** 2.52 mi of hot mix asphalt cold milling and overlay and pavement markings on M-96 from Eden Street to I-69 in the city of Marshall, Calhoun County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200395A	N/A	N/A	M 13062

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$54,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0030	Shoulder, CI II	3070121	25.000	Ton
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0050	Cold Milling HMA Surface	5010002	50,639.000	Syd
0060	HMA Quality Initiative	5010007	8,778.000	Dlr
0070	Longitudinal Joint Density Quality Initiative	5010018	20,950.000	Dlr
0080	Hand Patching	5010025	1.000	Ton
0090	HMA, 5E1	5010056	4,225.000	Ton
0100	HMA Approach	5010061	163.000	Ton
0110	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,800.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	25,850.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,100.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,800.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	25,850.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,100.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	520.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0310	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0330	Sign Cover	8120310	10.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	1,152.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,152.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	Centerline Corrugations, Milled, HMA	8220013	9,300.000	Ft
0400	Contractor Staking, Road Only	8240007	1.000	LSUM
0410	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0420	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0430	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

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AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 005

**Letting Date:** January 4, 2019

**Contract ID:** 60111-205279

**Description:** Tree Clearing and Building Removal, Parcel 14 Obstruction Removal at the Atlanta Municipal Airport, city of Atlanta, Montmorency County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205279A	B-26-0132-0614	N/A	FM 60111

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization and General Conditions	1000400	1.000	LSUM
0020	Safety and Security	1000410	1.000	LSUM
0030	Permits	1000535	3,000.000	Dir
0040	Misc. Survey and Stakeout	1007051	1.000	LSUM
0050	Clearing and Grubbing	1510416	2.000	Acre
0060	Building Removal	1510476	1.000	LSUM
0070	Erosion Control, Silt Fence	1560625	1,100.000	Lft
0080	Seeding with Mixture and Rate, As Specified	9010517	2.000	Acre
0090	Topsoiling from Off-Site, Material Furnished By Contractor	9050520	1,700.000	Cyd





**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 006

**Letting Date:** January 4, 2019

**Contract ID:** 63041-111374

**Description:** 3.20 mi of hot mix asphalt cold milling, resurfacing, shared use path and reconstruction, tree removal, earthwork, shoulders, aggregate base, drainage, concrete curb, gutter, driveway, sidewalk and ramps, signing, signals and pavement markings on M-59 from Tipisco Lake Road to Milford Road, Oakland County. This project contains two 5 year material and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
111374A	1900109	N/A	NH 63041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Critical Path Method Schedule	1080005	15,000.000	Dir
0020	Mobilization, Max \$1,514,200.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.530	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	54.000	Ea
0050	Tree, Rem, 37 inch or Larger	2020003	7.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	114.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0080	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0090	Stump, Rem, 6 inch to 18 inch	2020008	14.000	Ea
0100	Culv, Rem, Less than 24 inch	2030001	25.000	Ea
0110	Culv, End, Rem, Less than 24 inch	2030005	39.000	Ea
0120	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0130	Dr Structure, Rem	2030011	42.000	Ea
0140	Sewer, Rem, Less than 24 inch	2030015	2,013.000	Ft
0150	Curb and Gutter, Rem	2040020	16,689.000	Ft
0160	Guardrail, Rem	2040035	2,266.000	Ft
0170	Masonry and Conc Structure, Rem	2040045	11.000	Cyd
0180	Pavt, Rem	2040050	32,927.000	Syd
0190	Sidewalk, Rem	2040055	639.000	Syd
0200	Utility Pole, Rem	2040070	10.000	Ea
0210	Exploratory Investigation, Vertical	2040080	1,100.000	Ft
0220	_ Pavt, Rem, Special	2047011	726.000	Syd
0230	Ditch Cleanout	2050006	42.000	Sta
0240	Embankment, CIP	2050010	16,934.000	Cyd
0250	Excavation, Earth	2050016	120,919.000	Cyd
0260	Non Haz Contaminated Material Handling and Disposal, LM	2050031	110.000	Cyd

0270	Subgrade Undercutting, Type II	2050041	600.000	Cyd
0280	_ Ditching	2057001	600.000	Ft
0290	Erosion Control, Check Dam, Stone	2080012	1,054.000	Ft
0300	Erosion Control, Inlet Protection, Fabric Drop	2080020	112.000	Ea
0310	Erosion Control, Inlet Protection, Sediment Trap	2080024	48.000	Ea
0320	Erosion Control, Maintenance, Sediment Removal	2080026	210.000	Cyd
0330	Erosion Control, Sand Bag	2080028	9.000	Ea
0340	Erosion Control, Sediment Trap	2080034	112.000	Ea
0350	Erosion Control, Silt Fence	2080036	21,311.000	Ft
0360	Erosion Control, Turbidity Curtain, Shallow	2080044	950.000	Ft
0370	Project Cleanup	2090001	1.000	LSUM
0380	Subbase, CIP	3010002	24,524.000	Cyd
0390	Aggregate Base, 4 inch	3020010	730.000	Syd
0400	Aggregate Base, 6 inch	3020016	45,195.000	Syd
0410	Aggregate Base, 11 inch	3020028	12,434.000	Syd
0420	_ Aggregate Base, 13 inch	3027011	100.000	Syd
0430	_ Open-Graded Dr Cse, 16 inch	3037011	75,381.000	Syd
0440	Aggregate Surface Cse, 6 inch	3060010	717.000	Syd
0450	Maintenance Gravel, LM	3060021	220.000	Cyd
0460	_ Driveway Maintenance, Commercial	3067050	11.000	Ea
0470	_ Driveway Maintenance, Residential	3067050	32.000	Ea
0480	_ Intersection Maintenance	3067050	4.000	Ea
0490	Shoulder, CI II, 6 inch, Temp	3070183	2,735.000	Syd
0500	_ Shoulder, CI II, 6 inch, Modified	3077011	15,519.000	Syd
0510	Geotextile, Separator	3080005	87,770.000	Syd
0520	Culv End Sect, 12 inch	4010012	24.000	Ea
0530	Culv End Sect, 15 inch	4010015	16.000	Ea
0540	Culv End Sect, 18 inch	4010018	42.000	Ea
0550	Culv End Sect, 24 inch	4010024	3.000	Ea
0560	Culv End Sect, 36 inch	4010036	6.000	Ea
0570	Culv, CI A, 18 inch	4010133	116.000	Ft
0580	Culv, CI A, 24 inch	4010134	76.000	Ft
0590	Culv, CI A, 36 inch	4010136	83.000	Ft
0600	Culv, CI E, 12 inch	4010539	120.000	Ft
0610	Culv, CI E, 15 inch	4010540	66.000	Ft
0620	Culv, CI E, 18 inch	4010541	682.000	Ft
0630	Culv, CI E, 24 inch	4010542	104.000	Ft
0640	Culv, CI F, 12 inch	4010607	183.000	Ft
0650	Culv, CI F, 15 inch	4010608	100.000	Ft
0660	Culv, CI F, 18 inch	4010609	42.000	Ft
0670	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	9.000	Ea
0680	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0690	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0700	Dr Marker Post	4011109	75.000	Ea
0710	_ Culvert Cleanout	4017001	1,763.000	Ft

0720	Sewer, CI A, 12 inch, Tr Det B	4020033	2,515.000	Ft
0730	Sewer, CI A, 15 inch, Tr Det B	4020034	1,116.000	Ft
0740	Sewer, CI A, 18 inch, Tr Det B	4020035	1,345.000	Ft
0750	Sewer, CI A, 24 inch, Tr Det B	4020036	456.000	Ft
0760	Sewer, CI E, 12 inch, Tr Det B	4020600	1,180.000	Ft
0770	Sewer, CI E, 15 inch, Tr Det B	4020601	541.000	Ft
0780	Sewer, CI E, 18 inch, Tr Det B	4020602	2,007.000	Ft
0790	Sewer, CI E, 24 inch, Tr Det B	4020603	155.000	Ft
0800	Sewer, CI E, 36 inch, Tr Det B	4020605	139.000	Ft
0810	Trench Undercut and Backfill	4021260	400.000	Cyd
0820	Video Taping Sewer and Culv Pipe	4021275	12,034.000	Ft
0830	_ Sewer Cleanout	4027001	1,252.000	Ft
0840	Dr Structure Cover, Adj, Case 1, Modified	4030004	16.000	Ea
0850	Dr Structure Cover, Adj, Case 2	4030006	8.000	Ea
0860	Dr Structure Cover, Type B	4030010	27.000	Ea
0870	Dr Structure Cover, Type C	4030015	3.000	Ea
0880	Dr Structure Cover, Type E	4030035	3.000	Ea
0890	Dr Structure Cover, Type G	4030040	23.000	Ea
0900	Dr Structure Cover, Type J	4030045	83.000	Ea
0910	Dr Structure Cover, Type Q	4030065	2.000	Ea
0920	Dr Structure Cover, Type R	4030070	1.000	Ea
0930	Dr Structure, 24 inch dia	4030200	31.000	Ea
0940	Dr Structure, 48 inch dia	4030210	83.000	Ea
0950	Dr Structure, 60 inch dia	4030220	4.000	Ea
0960	Dr Structure, 72 inch dia	4030230	2.000	Ea
0970	Dr Structure, 84 inch dia	4030231	1.000	Ea
0980	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
0990	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
1000	Underdrain, Pipe, Open-Graded, 6 inch	4040043	29,717.000	Ft
1010	Underdrain, Subbase, 6 inch	4040063	10,206.000	Ft
1020	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
1030	Underdrain Outlet, 6 inch	4040093	3,900.000	Ft
1040	Underdrain, Outlet Ending, 6 inch	4040113	148.000	Ea
1050	_ Culvert Bedding	4067021	10.000	Cyd
1060	Cold Milling HMA Surface	5010002	92,770.000	Syd
1070	HMA Surface, Rem	5010005	104,203.000	Syd
1080	HMA Quality Initiative	5010007	107,492.000	Dlr
1090	Edge Trimming	5010009	500.000	Ft
1100	Longitudinal Joint Density Quality Initiative	5010018	187,000.000	Dlr
1110	Pavt Joint and Crack Repr, Det 7	5010020	9,000.000	Ft
1120	Hand Patching	5010025	820.000	Ton
1130	HMA, 3E10	5010046	12,648.000	Ton
1140	HMA, 4E10	5010052	8,149.000	Ton
1150	HMA, 5E10	5010058	7,024.000	Ton
1160	HMA Approach	5010061	7,239.000	Ton

1170	HMA, 4E10, High Stress	5010510	4,147.000	Ton
1180	HMA, 5E10, High Stress	5010516	3,112.000	Ton
1190	HMA Approach, High Stress	5010520	1,942.000	Ton
1200	HMA, LVSP	5010703	8,665.000	Ton
1210	_ Ride Incentive	5017060	45,056.000	Dlr
1220	HMA, Temp Pavt (LVSP)	5020807	6,976.000	Ton
1230	Conc, Grade S2	7060011	14.000	Cyd
1240	_ Pedestrian Path, Temp	8007001	100.000	Ft
1250	_ Managed Field Ethernet Switch, Fiber Capable	8007050	3.000	Ea
1260	_ Pedestrian Ramp, Temp	8007050	4.000	Ea
1270	_ Roadside Unit, Intersection	8007050	3.000	Ea
1280	Driveway, Nonreinf Conc, 8 inch	8010007	404.000	Syd
1290	Curb and Gutter, Conc, Det B1	8020015	90.000	Ft
1300	Curb and Gutter, Conc, Det B2	8020016	16,922.000	Ft
1310	Curb and Gutter, Conc, Det D2	8020031	938.000	Ft
1320	Curb and Gutter, Conc, Det F2	8020036	10.000	Ft
1330	Curb and Gutter, Conc, Det F4	8020038	19.000	Ft
1340	Driveway Opening, Conc, Det M	8020050	2,274.000	Ft
1350	Shoulder Gutter, Conc, Det 2	8020056	8.000	Ea
1360	Spillway, Conc	8020075	98.000	Ft
1370	Detectable Warning Surface	8030010	102.000	Ft
1380	Curb Ramp Opening, Conc	8030030	500.000	Ft
1390	Sidewalk Ramp, Conc, 6 inch	8030036	3,614.000	Sft
1400	Sidewalk, Conc, 4 inch	8030044	5,304.000	Sft
1410	Sidewalk, Conc, 8 inch	8030048	176.000	Sft
1420	Sidewalk, Clay Brick Pavers	8030050	33.000	Sft
1430	_ Brick Pavers, Rem	8037010	105.000	Sft
1440	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed	8037010	66.000	Sft
1450	Shared use Path, HMA	8060040	2,045.000	Ton
1460	_ Shared use Path, Grading, Special	8067001	8,082.000	Ft
1470	Guardrail, Type MGS-8	8070004	3,389.000	Ft
1480	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
1490	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
1500	Guardrail Reflector	8070080	74.000	Ea
1510	Post, Mailbox	8070095	38.000	Ea
1520	_ Rub Rail	8077001	1,113.000	Ft
1530	Fence, Protective	8080007	400.000	Ft
1540	Fence, Chain Link, 48 inch	8080011	200.000	Ft
1550	_ Ornamental Fence, Place	8087001	540.000	Ft
1560	_ Ornamental Fence, Salvage	8087001	540.000	Ft
1570	Delineator Reflector, Red	8100131	63.000	Ea
1580	Delineator Reflector, Yellow	8100132	108.000	Ea
1590	Delineator Reflector, Green	8100133	70.000	Ea
1600	Delineator Reflector, White	8100134	183.000	Ea
1610	Fdn, Wood Support, Rem	8100280	2.000	Ea

1620	Perforated Steel Square Tube Breakaway System	8100330	8.000	Ea
1630	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
1640	Post, Rigid, Delineator	8100361	361.000	Ea
1650	Post, Steel, 3 lb	8100371	7,907.000	Ft
1660	Post, Wood, 4 inch by 6 inch	8100380	400.000	Ft
1670	Post, Wood, 6 inch by 8 inch	8100382	216.000	Ft
1680	Sign, Type II, Rem	8100397	20.000	Ea
1690	Sign, Type IIA	8100398	525.000	Sft
1700	Sign, Type IIB	8100399	6.000	Sft
1710	Sign, Type III, Erect, Salv	8100402	20.000	Ea
1720	Sign, Type III, Rem	8100403	345.000	Ea
1730	Sign, Type IIIA	8100404	1,316.000	Sft
1740	Sign, Type IIIB	8100405	1,472.000	Sft
1750	Sign, Type VA	8100424	9.000	Sft
1760	Sign, Type VB	8100425	154.000	Sft
1770	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
1780	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	110.000	Ft
1790	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	41.000	Ea
1800	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	48.000	Ea
1810	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	5.000	Ea
1820	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,140.000	Ft
1830	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	820.000	Ft
1840	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	700.000	Ft
1850	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	21,760.000	Ft
1860	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,070.000	Ft
1870	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	28,985.000	Ft
1880	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	25,615.000	Ft
1890	Rem Spec Mrkg	8110343	2,325.000	Sft
1900	Recessing Pavt Mrkg, Longit	8110450	73,450.000	Ft
1910	Recessing Pavt Mrkg, Transv	8110451	2,791.000	Sft
1920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	164.000	Ea
1930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	164.000	Ea
1940	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
1950	Pedestrian Type II Channelizer, Temp	8120027	80.000	Ft
1960	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
1970	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
1980	Delineator, Flexible, Temp, Furn	8120091	190.000	Ea
1990	Delineator, Flexible, Temp, Oper	8120092	190.000	Ea
2000	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
2010	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
2020	Ltg for Night Work	8120160	1.000	LSUM
2030	Minor Traf Devices	8120170	1.000	LSUM
2040	Mobile Attenuator	8120180	2.000	Ea

2050	Part Width Intersection Construction	8120190	14.000	Ea
2060	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	100,950.000	Ft
2070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	92,700.000	Ft
2080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	67,680.000	Ft
2090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	61,560.000	Ft
2100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	47,220.000	Ft
2110	Plastic Drum, Fluorescent, Furn	8120252	875.000	Ea
2120	Plastic Drum, Fluorescent, Oper	8120253	875.000	Ea
2130	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,200.000	Ft
2140	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	16.000	Ea
2150	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	18.000	Ea
2160	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	725.000	Ft
2170	Sign Cover	8120310	60.000	Ea
2180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
2190	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
2200	Sign, Type A, Temp, Prismatic, Furn	8120340	200.000	Sft
2210	Sign, Type A, Temp, Prismatic, Oper	8120341	200.000	Sft
2220	Sign, Type B, Temp, Prismatic, Furn	8120350	3,375.000	Sft
2230	Sign, Type B, Temp, Prismatic, Oper	8120351	3,375.000	Sft
2240	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,400.000	Sft
2250	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,400.000	Sft
2260	Traf Regulator Control	8120370	1.000	LSUM
2270	Riprap, Heavy	8130005	20.000	Syd
2280	Riprap, Plain	8130010	317.000	Syd
2290	Paved Ditch, Conc	8140015	112.000	Syd
2300	Site Preparation, Max Max \$15,750.00	8150001	1.000	LSUM
2310	Watering and Cultivating, First Season, Min Min \$7,650.00	8150002	1.000	LSUM
2320	Watering and Cultivating, Second Season, Min Min \$9,450.00	8150003	1.000	LSUM
2330	Acer rubrum Bowhall, 2 inch	8150142	10.000	Ea
2340	Aesculus x carnea Briotii, 2 inch	8150292	10.000	Ea
2350	Betula nigra, tree form, 2 inch	8150547	11.000	Ea
2360	Crataegus crusgalli Inermis, shrub form, 4 foot	8151128	10.000	Ea
2370	Crataegus phaenopyrum, tree form, 1 3/4 inch	8151149	10.000	Ea
2380	Gymnocladus dioicus, 2 inch	8151676	11.000	Ea
2390	Malus Donald Wyman, 1 3/4 inch	8152302	10.000	Ea
2400	Picea abies, 4 foot	8152740	6.000	Ea
2410	Picea glauca Densata, 4 foot	8152754	6.000	Ea
2420	Pinus heldreichii, 4 foot	8152814	7.000	Ea

2430	Pinus nigra, 4 foot	8152841	6.000	Ea
2440	Quercus rubra, 2 inch	8153126	11.000	Ea
2450	Syringa reticulata Ivory Silk, 1 3/4 inch	8153717	10.000	Ea
2460	Tilia americana, 2 inch	8153843	11.000	Ea
2470	Tilia cordata Corinthian, 2 inch	8153856	10.000	Ea
2480	_ Ulmus americana Jefferson , 2 inch	8157050	11.000	Ea
2490	Mulch Blanket	8160027	60.000	Syd
2500	Seeding, Mixture CR	8160035	382.000	Lb
2510	Water, Sodding/Seeding	8160090	124.000	Unit
2520	_ Turf Establishment, Performance	8167011	196,640.000	Syd
2530	_ Turf Reinforcement Mat, Permanent	8167011	141.000	Syd
2540	Cable Pole, TS, Disman	8190010	2.000	Ea
2550	Conduit, DB, 1, 1 1/2 inch	8190027	350.000	Ft
2560	Conduit, DB, 1, 3 inch	8190029	10.000	Ft
2570	Conduit, DB, 2, 3 inch	8190032	30.000	Ft
2580	Conduit, DB, 3, 3 inch	8190035	115.000	Ft
2590	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
2600	Conduit, Rem	8190140	245.000	Ft
2610	Hh, Adj	8190244	3.000	Ea
2620	Hh, Polymer Conc	8190250	6.000	Ea
2630	Hh, Rem	8190254	13.000	Ea
2640	Hh, Round, 3 foot dia	8190259	1.000	Ea
2650	Hh, Round	8190260	16.000	Ea
2660	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
2670	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
2680	Wood Pole, Rem	8190505	3.000	Ea
2690	Conduit, Directional Bore, 1, 1 1/2 inch	8190601	125.000	Ft
2700	Conduit, Directional Bore, 1, 3 inch	8190602	225.000	Ft
2710	Conduit, Directional Bore, 2, 3 inch	8190604	135.000	Ft
2720	_ Conduit, DB, 1, 1 inch	8197001	60.000	Ft
2730	Case Sign, Rem	8200020	2.000	Ea
2740	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	5.000	Ea
2750	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
2760	Controller and Cabinet, Rem	8200030	2.000	Ea
2770	Controller Fdn, Base Mount	8200045	1.000	Ea
2780	Global Positioning System Module	8200050	1.000	Ea
2790	Global Positioning System Module, Rem	8200053	1.000	Ea
2800	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2810	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
2820	Pedestal, Alum	8200100	7.000	Ea
2830	Pedestal, Alum, Salv	8200101	2.000	Ea
2840	Pedestal, Fdn	8200105	11.000	Ea
2850	Pedestal Fdn, Rem	8200106	9.000	Ea
2860	Pedestal, Rem	8200110	8.000	Ea
2870	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea

2880	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dir
2890	Pushbutton and Sign	8200121	11.000	Ea
2900	Pushbutton, Rem	8200122	3.000	Ea
2910	Pushbutton Pedestal, Alum	8200123	1.000	Ea
2920	Pushbutton Pedestal, Rem	8200124	1.000	Ea
2930	Serv Disconnect	8200135	4.000	Ea
2940	Serv Disconnect, Rem	8200136	1.000	Ea
2950	Span Wire	8200140	9.000	Ea
2960	Span Wire, Rem	8200141	2.000	Ea
2970	Span Wire Tether	8200142	14.000	Ea
2980	Traf Loop	8200170	2.000	Ea
2990	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
3000	TS, Pedestrian, Pedestal Mtd, Rem	8200181	8.000	Ea
3010	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
3020	Cabinet, NEMA Type	8200186	3.000	Ea
3030	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	2.000	Ea
3040	Warning Sign	8200260	3.000	Ea
3050	Warning Sign, Rem	8200261	3.000	Ea
3060	TS, One Way Span Wire Mtd (LED)	8200313	19.000	Ea
3070	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
3080	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
3090	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	2.000	Ea
3100	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
3110	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
3120	Video Traf Detection System	8200380	3.000	Ea
3130	Video Traf Detection Camera	8200381	4.000	Ea
3140	Wireless Vehicle Sensor Node	8200425	6.000	Ea
3150	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
3160	Strain Pole, Steel, 6 bolt, 30 foot	8200460	10.000	Ea
3170	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
3180	Strain Pole Fdn, 6 Bolt	8200470	184.000	Ft
3190	Casing	8200480	127.000	Ft
3200	Cellular Modem, TS, 4G	8200498	4.000	Ea
3210	Backplate, TS	8200501	35.000	Ea
3220	_ Controller, NEMA ATC Type	8207050	3.000	Ea
3230	Monument Box	8210001	10.000	Ea
3240	Monument Box Adjust	8210005	5.000	Ea
3250	Monument Preservation	8210010	10.000	Ea
3260	Monument Preservation, Vertical	8210015	5.000	Ea
3270	Protect Corners	8210020	15.000	Ea
3280	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	24,720.000	Ft
3290	Hydrant, Relocate, Case 1	8230095	1.000	Ea
3300	Water Main, DI, 6 inch, Tr Det G	8230151	30.000	Ft



3310	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
3320	Gate Box, Reconst, Case 1	8230411	1.000	Ea
3330	Gate Box, Adj, Case 1	8230431	2.000	Ea
3340	_ Hydrant, Adj	8237050	4.000	Ea
3350	Contractor Staking, Road Only	8240007	1.000	LSUM
3360	Staking Plan Errors and Extras, One Person	8240020	123.000	Hr
3370	Staking Plan Errors and Extras, Two Person	8240021	50.000	Hr
3380	Staking Plan Errors and Extras, Three Person	8240022	74.000	Hr
3390	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3400	Lightning Protection, Pole	8260021	3.000	Ea
3410	Flowable Fill, Non-Structural	8260148	4.000	Cyd
3420	_ Refuse Collection	8507044	26.000	Wk

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 007

**Letting Date:** January 4, 2019

**Contract ID:** 20021-116416

**Description:** 6.08 mi of hot mix asphalt base crushing, shaping and resurfacing with miscellaneous safety and drainage improvements on M-72 from the Kalkaska/Crawford county line to M-93, city of Grayling, Kalkaska and Crawford Counties. This project includes two 5 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
116416A	1900095	N/A	NH 20021

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$558,200.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Curb and Gutter, Rem	2040020	3,739.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0070	Pavt, Rem	2040050	86.000	Syd
0080	Sidewalk, Rem	2040055	50.000	Syd
0090	Structures, Rem Portions	2040061	1.000	LSUM
0100	Backfill, Swamp	2050001	100.000	Cyd
0110	Excavation, Earth	2050016	37,185.000	Cyd
0120	Excavation, Peat	2050017	100.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	3,000.000	Cyd
0140	_ Embankment, LM, Special	2057021	17,400.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	367.000	Ft
0160	Erosion Control, Filter Bag	2080014	4.000	Ea
0170	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0180	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0200	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0210	Erosion Control, Maintenance, Sediment Removal	2080026	100.000	Cyd
0220	Erosion Control, Sand Bag	2080028	150.000	Ea
0230	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0240	Erosion Control, Sediment Trap	2080034	16.000	Ea
0250	Erosion Control, Silt Fence	2080036	32,060.000	Ft
0260	Erosion Control, Turbidity Curtain, Shallow	2080044	1,100.000	Ft
0270	Subbase, CIP	3010002	8,885.000	Cyd

0280	Aggregate Base, 6 inch	3020016	3,800.000	Syd
0290	HMA Base Crushing and Shaping	3050002	147,850.000	Syd
0300	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0310	Salv Crushed Material, LM	3050015	1,150.000	Cyd
0320	_ HMA Base Crushing and Shaping, Modified	3057011	11,535.000	Syd
0330	Maintenance Gravel, LM	3060021	500.000	Cyd
0340	Approach, CI I	3070001	3,177.000	Ton
0350	Approach, CI II	3070021	451.000	Ton
0360	Shoulder, CI III, 4 inch	3070146	12,129.000	Syd
0370	Culv End Sect, 15 inch	4010015	16.000	Ea
0380	Culv End Sect, 18 inch	4010018	5.000	Ea
0390	Culv End Sect, Conc, 54 inch	4010056	2.000	Ea
0400	Culv, CI A, 24 inch	4010134	104.000	Ft
0410	Culv, CI E, 18 inch	4010541	96.000	Ft
0420	Culv, CI E, 24 inch	4010542	160.000	Ft
0430	Culv, CI E, 54 inch	4010547	80.000	Ft
0440	Culv, CI E, Conc, 36 inch	4010578	16.000	Ft
0450	Culv, CI F, 15 inch	4010608	656.000	Ft
0460	Culv, CI F, 18 inch	4010609	552.000	Ft
0470	Culv, CI F, 24 inch	4010610	120.000	Ft
0480	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0490	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0500	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0510	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	10.000	Ea
0520	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	4.000	Ea
0530	Dr Marker Post	4011109	18.000	Ea
0540	_ Culv Bedding	4017021	80.000	Cyd
0550	Trench Undercut and Backfill	4021260	50.000	Cyd
0560	Video Taping Sewer and Culv Pipe	4021275	344.000	Ft
0570	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0580	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0590	Underdrain, Subbase, 6 inch	4040063	300.000	Ft
0600	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0630	Bump Grinding	5010004	275.000	Syd
0640	HMA Surface, Rem	5010005	7,525.000	Syd
0650	HMA Quality Initiative	5010007	74,890.000	Dlr
0660	Longitudinal Joint Density Quality Initiative	5010018	222,300.000	Dlr
0670	Hand Patching	5010025	245.000	Ton
0680	HMA, 3E3	5010045	1,250.000	Ton
0690	HMA, 4E3	5010051	31,205.000	Ton
0700	HMA Approach	5010061	2,820.000	Ton
0710	HMA, 4E3, High Stress	5010509	1,660.000	Ton
0720	HMA Approach, High Stress	5010520	265.000	Ton

0730	_ Ride Incentive	5017060	55,350.000	Dlr
0740	Joint, Expansion, E3	6020208	72.000	Ft
0750	Cement	6030005	5.000	Ton
0760	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	3,135.000	Sft
0770	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	145.000	Syd
0780	Conc, Grade T	7060013	200.000	Cyd
0790	Joint Waterproofing	7100001	108.000	Sft
0800	_ Geotextile Retaining Wall, Temp	8007011	12.000	Syd
0810	Driveway, Nonreinf Conc, 6 inch	8010005	64.000	Syd
0820	Curb and Gutter, Bridge Approach	8020010	90.000	Ft
0830	Curb and Gutter, Conc, Det B2	8020016	4,360.000	Ft
0840	Driveway Opening, Conc, Det M	8020050	722.000	Ft
0850	Curb Ramp Opening, Conc	8030030	66.000	Ft
0860	Sidewalk Ramp, Conc, 6 inch	8030036	450.000	Sft
0870	_ Detectable Warning Surface, Cast Iron	8037001	40.000	Ft
0880	Curb Sloped, HMA	8050010	928.000	Ft
0890	Guardrail, Type MGS-8	8070004	960.000	Ft
0900	Guardrail, Curved, Type B	8070010	38.000	Ft
0910	Guardrail Anch, Bridge, Det T1	8070022	3.000	Ea
0920	Guardrail Anch, Bridge, Det T2	8070023	1.000	Ea
0930	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0940	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0950	Guardrail, Salv	8070075	495.000	Ft
0960	Guardrail Reflector	8070080	48.000	Ea
0970	Post, Mailbox	8070095	45.000	Ea
0980	Guardrail, Reconst, Type B	8070105	200.000	Ft
0990	_ Guardrail Long Span, Detail MGS-1	8077050	1.000	Ea
1000	Delineator Reflector, Green	8100133	40.000	Ea
1010	Delineator Reflector, White	8100134	86.000	Ea
1020	Fdn, Wood Support, Rem	8100280	48.000	Ea
1030	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
1040	Delineator, Rem	8100349	40.000	Ea
1050	Post, Rigid, Delineator	8100361	126.000	Ea
1060	Post, Steel, 3 lb	8100371	2,108.000	Ft
1070	Post, Wood, 4 inch by 6 inch	8100380	672.000	Ft
1080	Sign, Type II, Rem	8100397	26.000	Ea
1090	Sign, Type IIA	8100398	276.000	Sft
1100	Sign, Type IIB	8100399	192.000	Sft
1110	Sign, Type III, Erect, Salv	8100402	26.000	Ea
1120	Sign, Type III, Rem	8100403	161.000	Ea
1130	Sign, Type IIIA	8100404	212.000	Sft
1140	Sign, Type IIIB	8100405	323.000	Sft
1150	Sign, Type VB	8100425	8.000	Sft
1160	Reflective Panel for Permanent Sign Support, 6 foot	8100616	38.000	Ea
1170	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea

1180	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1190	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
1200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	382.000	Ft
1210	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
1220	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	170.000	Ft
1230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	142.000	Ft
1240	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	10.000	Ft
1250	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	80.000	Ft
1260	Rem Spec Mrkg	8110343	764.000	Sft
1270	Recessing Pavt Mrkg, Longit	8110450	78,000.000	Ft
1280	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	7,096.000	Ft
1290	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	61,124.000	Ft
1300	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	29,341.000	Ft
1310	Protective Ovly, Snowmobile Trail Crossing	8110550	150.000	Syd
1320	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
1330	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
1340	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
1350	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
1360	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	3.000	Ea
1370	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
1380	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
1390	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	3.000	Ea
1400	Conc Barrier, Temp, Adj	8120080	970.000	Ft
1410	Conc Barrier, Temp, Furn	8120081	660.000	Ft
1420	Conc Barrier, Temp, Oper	8120082	660.000	Ft
1430	Conc Barrier, Temp, Relocated	8120083	440.000	Ft
1440	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1450	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1460	Minor Traf Devices	8120170	1.000	LSUM
1470	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
1480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,200.000	Ft
1490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
1500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,200.000	Ft
1510	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
1520	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
1530	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	300.000	Ft
1540	PTS System, Temp, Furn	8120270	1.000	Ea
1550	PTS System, Temp, Oper	8120271	1.000	Ea
1560	Sign Cover	8120310	12.000	Ea
1570	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1580	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1590	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft

1600	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1610	Sign, Type B, Temp, Prismatic, Furn	8120350	1,843.000	Sft
1620	Sign, Type B, Temp, Prismatic, Oper	8120351	1,843.000	Sft
1630	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	391.000	Sft
1640	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	391.000	Sft
1650	Traf Regulator Control	8120370	1.000	LSUM
1660	_ Temp Rumble Strips (Orange), Stop Condition	8127001	2,200.000	Ft
1670	_ Delineator, Panels, Temp, Furn	8127050	12.000	Ea
1680	_ Delineator, Panels, Temp, Oper	8127050	12.000	Ea
1690	Riprap, Heavy	8130005	10.000	Syd
1700	Riprap, Plain	8130010	154.000	Syd
1710	_ Riprap, Angular Fieldstone, Class II	8137031	135.000	Ton
1720	_ Riprap, Rounded Fieldstone, Class I	8137031	635.000	Ton
1730	_ Riprap, Rounded Fieldstone, Class II	8137031	68.000	Ton
1740	Paved Ditch, HMA	8140010	174.000	Syd
1750	Fertilizer, Chemical Nutrient, CI A	8160020	4,800.000	Lb
1760	Mulch	8160025	63,500.000	Syd
1770	Mulch Anchoring	8160026	63,500.000	Syd
1780	Mulch Blanket	8160027	44,000.000	Syd
1790	Mulch Blanket, High Velocity	8160028	1,100.000	Syd
1800	Seeding, Mixture TDS	8160037	6,000.000	Lb
1810	Seeding, Mixture TSM	8160041	60.000	Lb
1820	Topsoil Surface, Furn, 4 inch	8160062	132,000.000	Syd
1830	_ Mulch Blanket, Modified	8167011	24,500.000	Syd
1840	_ Turf Reinforcement Mat, Permanent	8167011	250.000	Syd
1850	Wireless Vehicle Detection System	8200422	1.000	Ea
1860	Wireless Vehicle Sensor Node	8200425	12.000	Ea
1870	Monument Box	8210001	1.000	Ea
1880	Monument Preservation	8210010	1.000	Ea
1890	Protect Corners	8210020	1.000	Ea
1900	Centerline Corrugations, Milled, HMA	8220013	24,820.000	Ft
1910	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	52,650.000	Ft
1920	Contractor Staking	8240001	1.000	LSUM
1930	Staking Plan Errors and Extras, One Person	8240020	46.000	Hr
1940	Staking Plan Errors and Extras, Two Person	8240021	19.000	Hr
1950	Staking Plan Errors and Extras, Three Person	8240022	28.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 008

**Letting Date:** January 4, 2019

**Contract ID:** 68012-123278

**Description:** 7.63 mi of hot mix asphalt base crushing, shaping and resurfacing, shoulder trenching, earthwork, drainage, guardrail and pavement markings on M-33 from McKinley Road to south of Popp's Road and from north of Cherry Creek Road to west of Fairview schools and on M-33 north of James Drive to north of Cherry Creek Road, Oscoda County. This project includes a 3 year materials and workmanship pavement warranty and 5 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
123278A	1900102	N/A	ST 68012
202942A	1900104	N/A	ST 68012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$558,000.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	73.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	43.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	14.000	Ea
0090	Curb and Gutter, Rem	2040020	4,524.000	Ft
0100	Pavt, Rem	2040050	166.000	Syd
0110	_ Removal of Misc Appurtenances	2047051	1.000	LSUM
0120	Excavation, Earth	2050016	9,738.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0150	_ Ditch Cleanout, Special	2057001	32.000	Ft
0160	_ Embankment, CIP, Special	2057021	7,515.000	Cyd
0170	Erosion Control, Check Dam, Stone	2080012	1,064.000	Ft
0180	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	60.000	Cyd
0200	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0210	Erosion Control, Sediment Trap	2080034	62.000	Ea
0220	Erosion Control, Silt Fence	2080036	20,996.000	Ft
0230	Aggregate Base	3020001	4,621.000	Ton
0240	Material, Surplus and Unsuitable, Rem, LM	3050010	300.000	Cyd

0250	_ HMA Base Crushing and Shaping, Modified	3057011	4,758.000	Syd
0260	_ HMA Base Crushing and Shaping, Special	3057011	163,228.000	Syd
0270	Maintenance Gravel	3060020	1,500.000	Ton
0280	Approach, CI I	3070001	5,825.000	Ton
0290	Approach, CI II	3070021	629.000	Ton
0300	Shoulder, CI II	3070121	3,033.000	Ton
0310	Trenching	3070200	635.000	Sta
0320	Culv End Sect, 12 inch	4010012	2.000	Ea
0330	Culv End Sect, 15 inch	4010015	46.000	Ea
0340	Culv End Sect, 18 inch	4010018	3.000	Ea
0350	Culv End Sect, Grate	4010083	716.000	Lb
0360	Culv, CI A, Conc, 24 inch	4010168	36.000	Ft
0370	Culv, CI A, Conc, 36 inch	4010170	8.000	Ft
0380	Culv, CI E, 24 inch	4010542	64.000	Ft
0390	Culv, CI F, 12 inch	4010607	64.000	Ft
0400	Culv, CI F, 15 inch	4010608	1,264.000	Ft
0410	Culv, CI F, 18 inch	4010609	968.000	Ft
0420	Culv, CI F, 30 inch	4010611	96.000	Ft
0430	Culv, Downspout, 15 inch	4010796	344.000	Ft
0440	Culv, Reinf Conc Ellip, HE CI I, 34 inch by 53 inch	4010837	88.000	Ft
0450	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	4.000	Ea
0460	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	10.000	Ea
0470	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0480	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	26.000	Ea
0490	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	4.000	Ea
0500	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	4.000	Ea
0510	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv	4011062	2.000	Ea
0520	Dr Marker Post	4011109	30.000	Ea
0530	_ Culvert Cleanout	4017001	253.000	Ft
0540	Trench Undercut and Backfill	4021260	100.000	Cyd
0550	Video Taping Sewer and Culv Pipe	4021275	616.000	Ft
0560	Underdrain, Subgrade, 6 inch	4040073	1,200.000	Ft
0570	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0580	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0590	Cold Milling HMA Surface	5010002	30,458.000	Syd
0600	HMA Surface, Rem	5010005	8,655.000	Syd
0610	HMA Quality Initiative	5010007	92,194.000	Dlr
0620	Longitudinal Joint Density Quality Initiative	5010018	242,405.000	Dlr
0630	Hand Patching	5010025	52.000	Ton
0640	HMA, 4E3	5010051	21,177.000	Ton
0650	HMA, 5E3	5010057	19,421.000	Ton
0660	HMA Approach	5010061	5,447.000	Ton
0670	_ Ride Incentive	5017060	48,887.000	Dlr
0680	Conc, Grade S2	7060011	2.000	Cyd



0690	Reinforcement, Steel, Culv and Headwall	7060091	92.000	Lb
0700	Curb and Gutter, Conc, Det B2	8020016	6,644.000	Ft
0710	Driveway Opening, Conc, Det M	8020050	277.000	Ft
0720	Curb Sloped, HMA	8050010	375.000	Ft
0730	Guardrail, Type MGS-8	8070004	3,358.000	Ft
0740	Guardrail, Curved, Type B	8070010	76.000	Ft
0750	Guardrail Approach Terminal, Type 2M	8070044	14.000	Ea
0760	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0770	Guardrail, Salv	8070075	1,053.000	Ft
0780	Guardrail Reflector	8070080	160.000	Ea
0790	Post, Mailbox	8070095	68.000	Ea
0800	_ Guardrail, Long Span, Det MGS-1	8077050	1.000	Ea
0810	Delineator Reflector, Green	8100133	33.000	Ea
0820	Delineator Reflector, White	8100134	706.000	Ea
0830	Fdn, Wood Support, Rem	8100280	15.000	Ea
0840	Delineator, Rem	8100349	19.000	Ea
0850	Post, Rigid, Delineator	8100361	386.000	Ea
0860	Post, Steel, 3 lb	8100371	1,320.000	Ft
0870	Post, Wood, 4 inch by 6 inch	8100380	244.000	Ft
0880	Sign, Type II, Erect, Salv	8100396	9.000	Ea
0890	Sign, Type II, Rem	8100397	9.000	Ea
0900	Sign, Type III, Erect, Salv	8100402	113.000	Ea
0910	Sign, Type III, Rem	8100403	113.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0930	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0940	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0950	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,391.000	Ft
0960	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	47,029.000	Ft
0970	Pavt Mrkg, Polyurea, 6 inch, White	8110094	77,878.000	Ft
0980	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0990	Recessing Pavt Mrkg, Longit	8110450	80,269.000	Ft
1000	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	3,394.000	Ft
1010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
1030	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
1040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
1050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1070	Minor Traf Devices	8120170	1.000	LSUM
1080	Pavt Mrkg Cover, Type R, Black	8120200	2,500.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,500.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft

1110	PTS System, Temp, Furn	8120270	1.000	Ea
1120	PTS System, Temp, Oper	8120271	1.000	Ea
1130	Sign Cover	8120310	20.000	Ea
1140	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
1150	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1160	Sign, Type B, Temp, Prismatic, Furn	8120350	1,491.000	Sft
1170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,491.000	Sft
1180	Traf Regulator Control	8120370	1.000	LSUM
1190	Riprap, Plain	8130010	444.000	Syd
1200	Paved Ditch, HMA	8140010	596.000	Syd
1210	_ Turf Establishment, Performance, Special	8167011	48,183.000	Syd
1220	Monument Box	8210001	11.000	Ea
1230	Monument Preservation	8210010	11.000	Ea
1240	Centerline Corrugations, Milled, HMA	8220013	29,930.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 009**Letting Date:** January 4, 2019**Contract ID:** 73073-132121

**Description:** 1.83 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, drainage and pavement markings on M-58 from Lawndale Road to just east of Avalon Avenue, city of Saginaw, Saginaw County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132121A	1900093	N/A	NH 73073

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$107,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	204.000	Ft
0030	Sidewalk, Rem	2040055	183.000	Syd
0040	Excavation, Earth	2050016	34.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0060	Subbase, CIP	3010002	34.000	Cyd
0070	Aggregate Base	3020001	5.000	Ton
0080	Dr Structure Cover, Adj, Case 1, Modified	4030004	65.000	Ea
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0100	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0110	Cold Milling HMA Surface	5010002	82,850.000	Syd
0120	Bump Grinding	5010004	2,000.000	Syd
0130	HMA Surface, Rem	5010005	51.000	Syd
0140	HMA Quality Initiative	5010007	13,820.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	84,000.000	Dlr
0160	Hand Patching	5010025	60.000	Ton
0170	HMA, 5E1, High Stress	5010514	6,650.000	Ton
0180	HMA Approach, High Stress	5010520	200.000	Ton
0190	Curb and Gutter, Conc, Det F1	8020035	204.000	Ft
0200	Detectable Warning Surface	8030010	212.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	1,800.000	Sft
0220	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,800.000	Ft
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	450.000	Ft
0250	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	21.000	Ea
0260	Pavt Mrkg, Polyurea, School	8110414	5.000	Ea
0270	Recessing Pavt Mrkg, Longit	8110450	40,900.000	Ft

0280	Recessing Pavt Mrkg, Transv	8110451	3,400.000	Sft
0290	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	7,800.000	Ft
0300	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	31,300.000	Ft
0310	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0320	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0330	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0380	Ltg for Night Work	8120160	1.000	LSUM
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,000.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0420	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0440	Sign Cover	8120310	6.000	Ea
0450	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0460	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0490	_ Turf Establishment, Performance	8167011	2,500.000	Syd
0500	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
0510	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	4.000	Ea
0520	Monument Box	8210001	1.000	Ea
0530	Monument Preservation	8210010	1.000	Ea
0540	Protect Corners	8210020	1.000	Ea
0550	Gate Box, Adj, Case 1	8230431	20.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 010

**Letting Date:** January 4, 2019

**Contract ID:** 41043-113685

**Description:** 0.43 mi of hot mix asphalt left turn lane storage and taper, concrete curb, gutter, sidewalk, spillway, culvert, drainage, safety improvements and pavement marking on M-21 at Carl Drive, Kent County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
113685A	1900115	N/A	HSIP 41043

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$35,800.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0040	Curb and Gutter, Rem	2040020	295.000	Ft
0050	Excavation, Earth	2050016	2,665.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0070	_ Embankment, CIP, Special	2057021	2,564.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	78.000	Ft
0090	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	2.000	Ea
0120	Erosion Control, Silt Fence	2080036	160.000	Ft
0130	Aggregate Base, 6 inch	3020016	2,067.000	Syd
0140	Aggregate Base, Conditioning	3020050	323.000	Syd
0150	Shoulder, CI II, 6 inch	3070128	582.000	Syd
0160	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0170	Culv, CI A, 15 inch	4010132	100.000	Ft
0180	Culv, CI A, CSP, 12 inch	4010199	40.000	Ft
0190	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	2.000	Ea
0200	Video Taping Sewer and Culv Pipe	4021275	100.000	Ft
0210	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0220	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0230	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0240	HMA Surface, Rem	5010005	2,615.000	Syd
0250	HMA Quality Initiative	5010007	1,530.000	Dlr
0260	Longitudinal Joint Density Quality Initiative	5010018	200.000	Dlr
0270	HMA Approach, High Stress	5010520	765.000	Ton

0280	Curb and Gutter, Conc, Det B2	8020016	360.000	Ft
0290	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0300	Spillway, Conc	8020075	40.000	Ft
0310	Sidewalk, Conc, 6 inch	8030046	1,150.000	Sft
0320	Delineator Reflector, Yellow	8100132	38.000	Ea
0330	Delineator Reflector, Green	8100133	12.000	Ea
0340	Delineator Reflector, White	8100134	6.000	Ea
0350	Fdn, Wood Support, Rem	8100280	2.000	Ea
0360	Delineator, Rem	8100349	20.000	Ea
0370	Post, Rigid, Delineator	8100361	38.000	Ea
0380	Post, Steel, 3 lb	8100371	302.000	Ft
0390	Post, Wood, 6 inch by 8 inch	8100382	96.000	Ft
0400	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0410	Sign, Type II, Rem	8100397	3.000	Ea
0420	Sign, Type IIA	8100398	66.000	Sft
0430	Sign, Type IIB	8100399	7.000	Sft
0440	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0450	Sign, Type III, Rem	8100403	15.000	Ea
0460	Sign, Type IIIA	8100404	55.000	Sft
0470	Sign, Type IIIB	8100405	34.000	Sft
0480	Reflective Panel for Permanent Sign Support, 6 foot	8100616	26.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	45.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Turning Guide Line, White	8110054	20.000	Ft
0510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0540	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,400.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	150.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,600.000	Ft
0570	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	5,800.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,400.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	150.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,600.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	5,800.000	Ft
0620	Rem Spec Mrkg	8110343	300.000	Sft
0630	Recessing Pavt Mrkg, Longit	8110450	13,000.000	Ft
0640	Recessing Pavt Mrkg, Transv	8110451	175.000	Sft
0650	Recessing Pavt Mrkg, Turning Guide Line	8110452	10.000	Sft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0680	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0690	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0700	Minor Traf Devices	8120170	1.000	LSUM
0710	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
0720	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,100.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,700.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,800.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0770	Sign Cover	8120310	10.000	Ea
0780	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0790	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0800	Sign, Type B, Temp, Prismatic, Furn	8120350	1,320.000	Sft
0810	Sign, Type B, Temp, Prismatic, Oper	8120351	1,320.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	64.000	Sft
0830	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	64.000	Sft
0840	Riprap, Plain	8130010	15.000	Syd
0850	Slope Restoration, Type A	8160100	6,500.000	Syd
0860	Slope Restoration, Type B	8160101	2,100.000	Syd
0870	Slope Restoration, Type C	8160102	500.000	Syd
0880	Traf Loop	8200170	2.000	Ea
0890	Contractor Staking, Road Only	8240007	1.000	LSUM
0900	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0910	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0920	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 011

**Letting Date:** January 4, 2019

**Contract ID:** 41081-130935

**Description:** 2.05 mi of hot mix asphalt shared use path, earthwork, restoration and pavement markings on Caledonia Trails from 84th Street to Paul Henry Trail, Kent County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130935A	1900077	N/A	TA 41081

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$143,600.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	149.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	4.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0070	Curb and Gutter, Rem	2040020	275.000	Ft
0080	Sidewalk, Rem	2040055	290.000	Syd
0090	Embankment, CIP	2050010	1,500.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0110	Erosion Control, Silt Fence	2080036	3,500.000	Ft
0120	Aggregate Base, 6 inch	3020016	14,100.000	Syd
0130	Culv End Sect, 12 inch	4010012	1.000	Ea
0140	Culv End Sect, 15 inch	4010015	1.000	Ea
0150	_ Culv, CI A, 6 inch	4017001	15.000	Ft
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	422.000	Ft
0170	Sewer, CI A, 15 inch, Tr Det B	4020034	651.000	Ft
0180	_ Sewer, CI A, 4 Inch, Tr Det A	4027001	4.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0200	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0210	Dr Structure Cover, Type B	4030010	4.000	Ea
0220	Dr Structure Cover, Type G	4030040	2.000	Ea
0230	Dr Structure, 48 inch dia	4030210	6.000	Ea
0240	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0250	HMA Surface, Rem	5010005	25.000	Syd
0260	Hand Patching	5010025	10.000	Ton
0270	HMA Approach	5010061	10.000	Ton
0280	_ Pile, Treated Timber, Driven, Mod	7057001	2,025.000	Ft



0290	_ Pile, Treated Timber, Furn, Mod	7057001	2,025.000	Ft
0300	_ Test Pile, Treated Timber, Mod	7057001	24.000	Ft
0310	_ Modular Concrete Block Retaining Wall	7067010	8,286.000	Sft
0320	_ Treated Timber Retaining Wall	7067010	750.000	Sft
0330	_ 14 Foot Wide Treated Timber Boardwalk	7097001	302.000	Ft
0340	Curb, Conc, Det E4	8020004	72.000	Ft
0350	Curb and Gutter, Conc, Det B2	8020016	100.000	Ft
0360	Curb and Gutter, Conc, Det F4	8020038	20.000	Ft
0370	Detectable Warning Surface	8030010	158.000	Ft
0380	Curb Ramp Opening, Conc	8030030	183.000	Ft
0390	Sidewalk Ramp, Conc, 6 inch	8030036	1,300.000	Sft
0400	Sidewalk, Conc, 4 inch	8030044	3,665.000	Sft
0410	Sidewalk, Conc, 6 inch	8030046	940.000	Sft
0420	Shared use Path, Grading	8060030	10,200.000	Ft
0430	Shared use Path, HMA	8060040	1,990.000	Ton
0440	_ Railing, Fence	8087001	395.000	Ft
0450	Post, Steel, 3 lb	8100371	315.000	Ft
0460	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0470	Sign, Type III, Rem	8100403	5.000	Ea
0480	Sign, Type IIIA	8100404	21.000	Sft
0490	Sign, Type IIIB	8100405	93.000	Sft
0500	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	100.000	Ft
0510	_ Pavt Mrkg, Reg Dry, 12 inch, Crosswalk	8117001	1,140.000	Ft
0520	_ Pavt Mrkg, Reg Dry, 24 inch, Stop Bar	8117001	30.000	Ft
0530	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0540	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Plastic Drum, High Intensity, Furn	8120250	75.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	75.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Riprap, Plain, LM	8130012	12.000	Cyd
0620	Mulch Blanket	8160027	7,650.000	Syd
0630	Slope Restoration, Type A	8160100	13,900.000	Syd
0640	Conduit, DB, 1, 1 1/2 inch	8190027	110.000	Ft
0650	_ Cable, P.J., 600V, 1, 2/C#16	8197001	515.000	Ft
0660	_ Cable, P.J., 600V, 1, 7/C#16	8197001	515.000	Ft
0670	Pedestal, Alum	8200100	4.000	Ea
0680	Pedestal, Fdn	8200105	4.000	Ea
0690	Pushbutton and Sign	8200121	1.000	Ea
0700	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0710	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea

0720	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0730	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0740	Gate Box, Adj, Case 1	8230431	3.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 012

**Letting Date:** January 4, 2019

**Contract ID:** 63459-132568-2

**Description:** Construction of a non-motorized steel prefabricated truss bridge, drainage and cofferdams on Paint Creek Trail from Dutton Road to Silverbell Road, Oakland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132568A	1800584	N/A	TAU 63459

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$67,100.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.120	Acre
0030	Thinning, Selective, Type I	2010005	0.500	Acre
0040	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0060	_ Miscellaneous, Remove & Salvage	2047051	1.000	LSUM
0070	_ Timber Approach Rail	7097001	48.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0100	Dust Palliative, Applied	8120100	5.000	Ton
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, High Intensity, Furn	8120250	10.000	Ea
0130	Plastic Drum, High Intensity, Oper	8120251	10.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	80.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	80.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	49.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	49.000	Sft
0180	_ Slope Restoration, Modified	8167011	590.000	Syd

**Section: 2**

0190	Structures, Rem (PCTC 33.7)	2040060	1.000	LSUM
0200	Embankment, CIP	2050010	410.000	Cyd
0210	Backfill, Structure, CIP	2060002	200.000	Cyd
0220	Excavation, Fdn	2060010	920.000	Cyd
0230	Erosion Control, Filter Bag	2080014	2.000	Ea
0240	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0250	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft

0260	Cofferdams	7040007	1.000	LSUM
0270	Cofferdams, Left in Place	7040009	1.000	LSUM
0280	Reinforcement, Steel, Epoxy Coated	7060092	3,844.000	Lb
0290	Substructure Conc	7060100	14.000	Cyd
0300	Water Repellent Treatment, Penetrating	7060140	24.000	Syd
0310	_ GRS Abutment	7067010	900.000	Sft
0320	_ Reinforced Soil Foundation	7067021	132.000	Cyd
0330	_ 75' x 14' Prefabricated Bridge, Furn	7077051	1.000	LSUM
0340	_ 75' x 14' Prefabricated Bridge, Installed	7077051	1.000	LSUM
0350	Joint Waterproofing	7100001	68.000	Sft
0360	Substructure Horizontal Surface Sealer (PCTC 33.7)	7100030	16.000	Syd
0370	_ Riprap, Natural Stone	8137011	85.000	Syd
0380	_ Cobble, Gravel, Sand Mix	8137031	123.000	Ton
0390	_ Live Stakes	8507050	160.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 013

**Letting Date:** January 4, 2019

**Contract ID:** 45071-200823-2

**Description:** 0.37 mi of concrete curb, gutter, sidewalks and ramps, lighting, drainage, signing and pavement markings on M-22 (St. Joseph Street) from Grove Street to Broadway/Cedar Street in the village of Suttons Bay, Leelanau County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200823A	1800654	N/A	TAL 45071

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$65,400.00	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	16.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	14.000	Ft
0060	Curb and Gutter, Rem	2040020	1,459.000	Ft
0070	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0080	Exploratory Investigation, Vertical	2040080	15.000	Ft
0090	_ Sidewalk, Rem, Modified	2047011	2,782.000	Syd
0100	Embankment, LM	2050011	25.000	Cyd
0110	Excavation, Earth	2050016	240.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0130	Subbase, LM	3010003	220.000	Cyd
0140	Aggregate Base, 6 inch	3020016	640.000	Syd
0150	Approach, CI I	3070001	68.000	Ton
0160	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0170	Culv, CI A, Conc, 24 inch	4010168	8.000	Ft
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	226.000	Ft
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	121.000	Ft
0200	Sewer Tap, 15 inch	4021205	1.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0220	Dr Structure Cover, Type B	4030010	10.000	Ea
0230	Dr Structure Cover, Type G	4030040	1.000	Ea
0240	Dr Structure Cover, Type K	4030050	14.000	Ea
0250	Dr Structure, 24 inch dia	4030200	15.000	Ea
0260	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
0270	Dr Structure, Tap, 15 inch	4030315	4.000	Ea

0280	HMA Surface, Rem	5010005	1,926.000	Syd
0290	Hand Patching	5010025	222.000	Ton
0300	HMA Approach	5010061	57.000	Ton
0310	Curb and Gutter, Conc, Det C2	8020021	475.000	Ft
0320	Curb and Gutter, Conc, Det C6	8020025	1,144.000	Ft
0330	Curb Ramp Opening, Conc	8030030	256.000	Ft
0340	Sidewalk Ramp, Conc, 6 inch	8030036	1,656.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	32,832.000	Sft
0360	_ Detectable Warning Surface, Cast Iron	8037001	238.000	Ft
0370	_ Sidewalk, Wood, Temp	8037001	400.000	Ft
0380	_ Fence, Wood	8087001	16.000	Ft
0390	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0400	Post, Steel, 3 lb	8100371	98.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0420	Sign, Type III, Rem	8100403	12.000	Ea
0430	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	577.000	Ft
0440	Pavt Mrkg, Polyurea, 12 inch, White	8110111	260.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,640.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0470	Recessing Pavt Mrkg, Transv	8110451	260.000	Sft
0480	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0490	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0500	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0510	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0520	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0530	Minor Traf Devices	8120170	1.000	LSUM
0540	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	550.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	30.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	30.000	Ea
0570	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0580	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	63.000	Sft
0600	Sign, Type A, Temp, Prismatic, Oper	8120341	63.000	Sft
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	575.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	575.000	Sft
0630	Riprap, Plain, LM	8130012	10.000	Cyd
0640	Sodding	8160055	397.000	Syd
0650	Topsoil Surface, Salv, 4 inch	8160077	397.000	Syd
0660	Water, Sodding/Seeding	8160090	2.000	Unit
0670	_ Bench	8167050	5.000	Ea
0680	_ Bike Rack	8167050	2.000	Ea
0690	Conduit, Directional Bore, 1 1/2 inch	8190041	50.000	Ft
0700	Conduit, Schedule 80 PVC, 1 1/2 inch	8190156	1,365.000	Ft
0710	DB Cable, in Conduit, 600V, 1/C#6	8190211	6,825.000	Ft
0720	Hh, Square	8190261	1.000	Ea

0730	_ Light Std and Luminaire	8197050	4.000	Ea
0740	_ Light Std Fdn, Special	8197050	4.000	Ea
0750	_ Lighting Control Panel	8197050	1.000	Ea
0760	Water Serv	8230240	5.000	Ea
0770	Water Serv, Long	8230245	4.000	Ea
0780	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0790	_ Water Serv, Abandon	8237050	3.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 014

**Letting Date:** January 4, 2019

**Contract ID:** 13000-130186

**Description:** 2.60 mi of hot mix asphalt resurfacing with paved shoulders on North Avenue from Halbert Road northward to the north Calhoun County limits, Calhoun County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130186A	1900051	N/A	STUL 13000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$64,100.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	580.000	Ft
0030	Pavt, Rem	2040050	70.000	Syd
0040	Embankment, CIP	2050010	500.000	Cyd
0050	Excavation, Earth	2050016	200.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0070	_ Machine Grading, Modified	2057002	276.000	Sta
0080	Erosion Control, Silt Fence	2080036	500.000	Ft
0090	Shoulder, CI I, 8 inch	3070110	11,000.000	Syd
0100	Shoulder, CI III, 3 inch	3070145	9,500.000	Syd
0110	_ Approach, CI II, Modified	3077031	60.000	Ton
0120	HMA Surface, Rem	5010005	100.000	Syd
0130	Pavt for Butt Joints, Rem	5010008	1,400.000	Syd
0140	Edge Trimming	5010009	5,000.000	Ft
0150	HMA, 4E1	5010050	1,900.000	Ton
0160	HMA, 5E1	5010056	4,100.000	Ton
0170	Guardrail, Type B	8070000	625.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0190	Guardrail Reflector	8070080	26.000	Ea
0200	Post, Steel, 3 lb	8100371	1,450.000	Ft
0210	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0220	Sign, Type III, Rem	8100403	50.000	Ea
0230	Sign, Type IIIA	8100404	90.000	Sft
0240	Sign, Type IIIB	8100405	348.000	Sft
0250	Sign, Type V, Rem	8100421	16.000	Ea
0260	Sign, Type VB	8100425	70.000	Sft
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,000.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	24,500.000	Ft



0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Furn	8120250	286.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	286.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0380	Traf Regulator Control	8120370	1.000	LSUM
0390	_ Slope Restoration, Modified	8167011	2,000.000	Syd
0400	Monument Preservation	8210010	4.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 015

**Letting Date:** January 4, 2019

**Contract ID:** 40000-203484

**Description:** 1.19 mi of hot mix asphalt crushing, shaping, widening and resurfacing, aggregate base and pavement markings on West Plum Valley Road from Aarwood Road to Rapid City Road, Kalkaska County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203484A	1900085	N/A	HRRR 40000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$61,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	2.000	Acre
0030	Pavt, Rem	2040050	75.000	Syd
0040	Ditch Cleanout	2050006	90.000	Sta
0050	Embankment, LM	2050011	700.000	Cyd
0060	Granular Material, CI II	2050023	25.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0080	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0090	Aggregate Base	3020001	6,000.000	Ton
0100	HMA Base Crushing and Shaping	3050002	22,600.000	Syd
0110	Approach, CI II	3070021	400.000	Ton
0120	Shoulder, CI III, 4 inch	3070146	1,500.000	Syd
0130	Trenching	3070200	126.000	Sta
0140	Underdrain, Subgrade, 6 inch	4040073	600.000	Ft
0150	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0160	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0170	HMA Approach	5010061	50.000	Ton
0180	HMA, LVSP	5010703	4,500.000	Ton
0190	Driveway, Nonreinf Conc, 6 inch	8010005	75.000	Syd
0200	Post, Mailbox	8070095	1.000	Ea
0210	Post, Steel, 3 lb	8100371	334.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0230	Sign, Type III, Rem	8100403	8.000	Ea
0240	Sign, Type IIIA	8100404	27.000	Sft
0250	Sign, Type IIIB	8100405	40.000	Sft
0260	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,200.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,100.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	12,200.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,100.000	Ft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	490.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	490.000	Ft
0370	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0380	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Slope Restoration, Type A	8160100	12,000.000	Syd
0430	Monument Box	8210001	1.000	Ea
0440	Monument Preservation	8210010	1.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 016

**Letting Date:** January 4, 2019

**Contract ID:** 13025-133175

**Description:** 1.98 mi of hot mix asphalt crushing, shaping and resurfacing and pavement markings on West Drive from Verona Road to F Drive North and on North Drive from West Drive to US Highway 27, Calhoun County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133175A	1900047	N/A	EDA 13025

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$50,300.00	1500001	1.000	LSUM
0020	_ Machine Grading, Modified	2027002	208.000	Sta
0030	Pavt, Rem	2040050	160.000	Syd
0040	Embankment, CIP	2050010	200.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0060	Erosion Control, Silt Fence	2080036	100.000	Ft
0070	HMA Base Crushing and Shaping	3050002	25,300.000	Syd
0080	Shoulder, CI II	3070121	2,214.000	Ton
0090	_ Approach, CI II, Modified	3077031	40.000	Ton
0100	HMA Surface, Rem	5010005	560.000	Syd
0110	HMA, 4E1	5010050	5,500.000	Ton
0120	Post, Mailbox	8070095	15.000	Ea
0130	Post, Steel, 3 lb	8100371	580.000	Ft
0140	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0150	Sign, Type III, Rem	8100403	23.000	Ea
0160	Sign, Type IIIA	8100404	59.000	Sft
0170	Sign, Type IIIB	8100405	180.000	Sft
0180	Sign, Type V, Rem	8100421	2.000	Ea
0190	Sign, Type VB	8100425	16.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	88.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	180.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,680.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, High Intensity, Furn	8120250	146.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	146.000	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	417.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	417.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	_ Slope Restoration, Modified	8167011	6,900.000	Syd
0360	Monument Preservation	8210010	2.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 017

**Letting Date:** January 4, 2019

**Contract ID:** 82457-132537-2

**Description:** 0.14 mi of hot mix asphalt shared-use path, steel prefabricated truss bridge, concrete curb, gutter, sidewalk and ramps, piles, cofferdams and pavement markings along Cherry Hill Road west of Ridge Road, Wayne County. This is a Local Agency project.

**Project Information**

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

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$37,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.140	Acre
0030	Curb and Gutter, Rem	2040020	30.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0050	Pavt, Rem	2040050	891.000	Syd
0060	Sidewalk, Rem	2040055	18.000	Syd
0070	Embankment, CIP	2050010	56.000	Cyd
0080	Excavation, Earth	2050016	335.000	Cyd
0090	Aggregate, 6A	2060001	34.000	Cyd
0100	Erosion Control, Filter Bag	2080014	1.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,820.000	Ft
0130	Erosion Control, Turbidity Curtain, Shallow	2080044	40.000	Ft
0140	Aggregate Base, 6 inch	3020016	1,356.000	Syd
0150	Shoulder, CI II, 4 inch	3070126	302.000	Syd
0160	Geotextile, Separator	3080005	1,356.000	Syd
0170	Underdrain, Bank, 4 inch	4040001	1,312.000	Ft
0180	HMA, 13A	5010033	105.000	Ton
0190	HMA, 36A	5010034	65.000	Ton
0200	_ 42 inch Ped Railing, Furn and Install	7117001	46.000	Ft
0210	Curb and Gutter, Conc, Det F2	8020036	10.000	Ft
0220	_ Bumper Block, Rem and Salvage	8027050	12.000	Ea
0230	Detectable Warning Surface	8030010	10.000	Ft
0240	Curb Ramp Opening, Conc	8030030	20.000	Ft
0250	Sidewalk Ramp, Conc, 6 inch	8030036	80.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	106.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	126.000	Ft

0280	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	25.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0310	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0320	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	271.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	271.000	Sft
0380	Slope Restoration, Type A	8160100	1,556.000	Syd
0390	_ Well, Abandon	8237050	1.000	Ea

**Section: 2**

0400	Excavation, Channel	2050015	170.000	Cyd
0410	Backfill, Structure, CIP	2060002	130.000	Cyd
0420	Excavation, Fdn	2060010	120.000	Cyd
0430	Underdrain, Fdn, 4 inch	4040031	60.000	Ft
0440	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0450	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0460	Conc Pavt, Bridge Approach, Reinf	6020600	32.000	Syd
0470	Cofferdams	7040007	1.000	LSUM
0480	_ Helical Pile	7057050	14.000	Ea
0490	_ Helical Pile Equipment, Furn	7057051	1.000	LSUM
0500	_ Obstruction Removal, Unexpected	7057060	1.000	Dlr
0510	Conc, Low Temperature Protection	7060020	35.000	Cyd
0520	Reinforcement, Steel, Epoxy Coated	7060092	8,057.000	Lb
0530	Substructure Conc	7060100	35.000	Cyd
0540	Water Repellent Treatment, Penetrating	7060140	22.000	Syd
0550	_ 40'x14' Prefabricated Truss, Furn	7077051	1.000	LSUM
0560	_ 40'x14' Prefabricated Truss, Install	7077051	1.000	LSUM
0570	Joint Waterproofing	7100001	90.000	Sft
0580	Substructure Horizontal Surface Sealer (Ford Plant Pathway Trail)	7100030	12.000	Syd
0590	Riprap, Heavy	8130005	20.000	Syd
0600	Riprap, Plain	8130010	60.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 018

**Letting Date:** January 4, 2019

**Contract ID:** 73000-133003-2

**Description:** Bridge deck patching and epoxy healer/sealer of bridge deck on Johnson Street, Court Street, Center Street and Holland Avenue over the Saginaw River, Saginaw County. This is a Local Agency Project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133003A	N/A	N/A	MCS 73000
201966A	1800495	N/A	BHT 73000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$30,800.00	1500001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Plastic Drum, High Intensity, Lighted, Furn	8120260	76.000	Ea
0080	Plastic Drum, High Intensity, Lighted, Oper	8120261	76.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	763.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	763.000	Sft
0110	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	329.000	Sft
0120	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	329.000	Sft

**Section: 2**

0130	Reinforcement, Steel, Epoxy Coated	7060092	200.000	Lb
0140	Penetrating Healer/Sealer, Bridge Deck	7100025	1,400.000	Syd
0150	Hand Chipping, Deep	7120004	200.000	Syd
0160	Reinforcement, Mechanical Splice	7120084	20.000	Ea
0170	Patching Conc, C-L	7120112	20.000	Cyd
0180	_ Steel Structure, Cleaning Special, Type 4, 9435	7157051	1.000	LSUM
0190	_ Steel Structure, Cleaning Spot, Type 4, 9438	7157051	1.000	LSUM
0200	_ Steel Structure, Cleaning, Spot, Type 4, 9437	7157051	1.000	LSUM
0210	_ Steel Structure, Coating, Spot, Type 4, 9437	7157051	1.000	LSUM
0220	Downspout Replacement	7170070	120.000	Ea
0230	_ Hand Hole Drain Extension, Special	7177050	14.000	Ea





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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 019

**Letting Date:** January 4, 2019

**Contract ID:** 60021-203272

**Description:** Guardrail upgrades on various routes, Montmorency County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203272A	1900028	N/A	HSIP 60021

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$18,300.00	1500001	1.000	LSUM
0020	_ Guardrail, Rem, Modified	2047001	4,164.000	Ft
0030	Guardrail, Type MGS-8 (9' Posts)	8070004	4,978.000	Ft
0040	Guardrail, Curved, Type MGS-8	8070012	225.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	17.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea
0070	Guardrail Reflector	8070080	210.000	Ea
0080	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
0090	Channelizing Device, 42 inch, Furn	8120030	30.000	Ea
0100	Channelizing Device, 42 inch, Oper	8120031	30.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0160	_ Minor Traf Devices, Modified	8127051	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 020

**Letting Date:** January 4, 2019

**Contract ID:** 58000-201833-2

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

**Project Information**

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

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max _\$32,000	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	400.000	Ft
0030	Pavt, Rem	2040050	700.000	Syd
0040	Sidewalk, Rem	2040055	58.000	Syd
0050	_ Roadway Brick Pavers, Salvage	2047011	700.000	Syd
0060	_ Sidewalk, Clay Brick Pavers, Rem	2047011	952.000	Syd
0070	_ Tree Grate and Frame, Rem and Reset	2047050	9.000	Ea
0080	_ Tree Grate and Frame, Rem and Salvage	2047050	2.000	Ea
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	_ Subgrade Manipulation, Modified	2057011	700.000	Syd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0120	Aggregate Base, 4 inch	3020010	700.000	Syd
0130	Maintenance Gravel	3060020	50.000	Ton
0140	Dr Structure Cover, Type B	4030010	3.000	Ea
0150	Dr Structure Cover, Type K	4030050	2.000	Ea
0160	Dr Structure Cover, Type Q	4030065	3.000	Ea
0170	_ Dr Structure, Adjust, Clean, and Plaster	4037050	6.000	Ea
0180	_ Dr Structure, Reconstruct	4037050	1.000	Ea
0190	Cold Milling HMA Surface	5010002	4,028.000	Syd
0200	Hand Patching	5010025	25.000	Ton
0210	HMA, 4E1	5010050	475.000	Ton
0220	HMA, 5E1	5010056	425.000	Ton
0230	Conc Base Cse, Nonreinf, 8 inch	6020019	700.000	Syd
0240	Conc Pavt, Nonreinf, 8 inch	6020104	20.000	Syd
0250	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0260	_ Curb and Gutter, Conc, C4, Modified	8027001	370.000	Ft
0270	Detectable Warning Surface	8030010	265.000	Ft

0280	Sidewalk Ramp, Conc, 6 inch	8030036	8,568.000	Sft
0290	Sidewalk, Conc, 6 inch	8030046	522.000	Sft
0300	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,820.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0320	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0330	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	2.000	Ea
0340	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0350	_ Pavt Mrkg, Polyurea, Spec Mrkg	8117010	864.000	Sft
0360	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0380	Pedestrian Type II Barricade, Temp Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, High Intensity, Lighted, Furn	8120260	100.000	Ea
0410	Plastic Drum, High Intensity, Lighted, Oper	8120261	100.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	_ Slope Restoration, Modified	8167011	10.000	Syd
0460	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
0470	Gate Box, Adj, Case 1	8230431	2.000	Ea
0480	_ Monument Box, Adjust or Replace	8237050	3.000	Ea



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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 021**Letting Date:** January 4, 2019**Contract ID:** 30000-200261**Description:** 3.01 mi of tree removal and clearing along Lake Pleasant Road between Peterson Road and Mauck Road, Hillsdale County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200261A	1900074	N/A	HRRR 30000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$18,100.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017002	100.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	74.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	231.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	9.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	6.000	Ea
0080	Barricade, Type III, High Intensity, Lighted, Furn	8120022	5.000	Ea
0090	Barricade, Type III, High Intensity, Lighted, Oper	8120023	5.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	415.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	415.000	Sft
0150	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	128.000	Sft
0160	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	128.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0180	Slope Restoration, Type A	8160100	500.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 022

**Letting Date:** January 4, 2019

**Contract ID:** 21000-129707

**Description:** 17.40 mi of hot mix asphalt base crushing, shaping and resurfacing, guardrail and pavement markings on Forest Highway 13 north of US-2, Delta County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129707A	1800585	N/A	STL 21000
202586A	FLAP053	N/A	FLAP 21000
202596A	FLAP053	N/A	FLAP 21000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$309,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	2,725.000	Ft
0030	Embankment, LM	2050011	1,300.000	Cyd
0040	Excavation, Earth	2050016	700.000	Cyd
0050	Aggregate Base, LM	3020002	19,650.000	Cyd
0060	HMA Base Crushing and Shaping	3050002	191,810.000	Syd
0070	Approach, CI II, LM	3070023	590.000	Cyd
0080	Shoulder, CI I, 6 inch	3070108	4,401.000	Syd
0090	Shoulder, CI II, LM	3070123	12,431.000	Cyd
0100	Trenching	3070200	198.000	Sta
0110	HMA Approach	5010061	205.000	Ton
0120	HMA, LVSP	5010703	34,733.000	Ton
0130	Guardrail, Type B	8070000	1,951.000	Ft
0140	Guardrail, Curved, Type B	8070010	75.000	Ft
0150	Guardrail Approach Terminal, Type 2B	8070042	37.000	Ea
0160	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0170	Guardrail Reflector	8070080	62.000	Ea
0180	Guardrail Height, Adj	8070100	3,655.000	Ft
0190	Guardrail Post, Furn and Install, 72 inch	8070101	40.000	Ea
0200	Guardrail, Reconst, Type B	8070105	230.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	183,810.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	74,310.000	Ft
0230	Witness, Log, \$1,000.00	8110350	3,000.000	Dlr
0240	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
0250	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	4.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	6,855.000	Ft
0300	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0310	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Slope Restoration, Type A	8160100	2,745.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 023

**Letting Date:** January 4, 2019

**Contract ID:** 11141-120015

**Description:** 0.30 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, concrete driveway, curb and gutter, drainage and pavement markings on Lemon Creek Road from First Street to Ruggles Road in the village of Baroda, Berrien County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
120015A	1900070	N/A	STL 11141

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$28,500.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	270.000	Syd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0050	_ Machine Grading, Modified	2057002	17.000	Sta
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0070	Erosion Control, Silt Fence	2080036	1,850.000	Ft
0080	Aggregate Base, 8 inch	3020020	200.000	Syd
0090	HMA Base Crushing and Shaping	3050002	6,890.000	Syd
0100	Approach, CI II, 6 inch	3070028	80.000	Syd
0110	Shoulder, CI II, 6 inch	3070128	150.000	Syd
0120	_ High Performance Biaxial Geogrid	3087011	1,100.000	Syd
0130	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0150	Dr Structure Cover, Type G	4030040	1.000	Ea
0160	Dr Structure Cover, Type J	4030045	1.000	Ea
0170	HMA Surface, Rem	5010005	330.000	Syd
0180	Hand Patching	5010025	10.000	Ton
0190	HMA, 4E1	5010050	1,090.000	Ton
0200	HMA, 5E1	5010056	580.000	Ton
0210	HMA Approach	5010061	80.000	Ton
0220	Driveway, Nonreinf Conc, 6 inch	8010005	210.000	Syd
0230	Curb and Gutter, Conc, Det B2	8020016	320.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0250	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0260	Guardrail Reflector	8070080	4.000	Ea
0270	Post, Mailbox	8070095	8.000	Ea

0280	Post, Steel, 3 lb	8100371	144.000	Ft
0290	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0300	Sign, Type IIIA	8100404	16.000	Sft
0310	Sign, Type IIIB	8100405	25.000	Sft
0320	Sign, Type IIIB, Modified	8100414	5.000	Sft
0330	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	50.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,450.000	Ft
0350	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,550.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0380	Dust Palliative, Applied	8120100	10.000	Ton
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0410	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	Riprap, Plain	8130010	10.000	Syd
0460	Slope Restoration, Type A	8160100	4,500.000	Syd
0470	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0480	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0490	Gate Box, Adj, Case 1	8230431	3.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 024

**Letting Date:** January 4, 2019

**Contract ID:** 73000-130430

**Description:** 0.58 mi of hot mix asphalt reconstruction, concrete driveway, curb, gutter, sidewalk and ramps, aggregate base, water main, drainage and pavement markings on Mackinaw Street from Congress Avenue to State Street (M-58) in the city of Saginaw, Saginaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130430A	1900082	N/A	STUL 73000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$218,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	30.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	283.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	100.000	Ft
0050	Exploratory Investigation, Vertical	2040080	10.000	Ft
0060	_ Driveway, Rem	2047011	618.000	Syd
0070	_ Pavt, Rem, Modified	2047011	14,093.000	Syd
0080	_ Sidewalk, Rem, Modified	2047011	1,603.000	Syd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0110	_ Machine Grading, Modified	2057002	31.000	Sta
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0130	Erosion Control, Silt Fence	2080036	500.000	Ft
0140	Subbase, CIP	3010002	5,960.000	Cyd
0150	_ Aggregate Base, 5 1/2 inch, Modified	3027011	1,439.000	Syd
0160	_ Aggregate Base, 8 inch, Modified	3027011	14,548.000	Syd
0170	_ Maintenance Gravel, Modified	3067031	250.000	Ton
0180	_ Geotextile, Separator, Modified	3087011	15,987.000	Syd
0190	Sewer Tap, 24 inch	4021207	1.000	Ea
0200	_ Sewer, 6 inch, SDR-26	4027001	431.000	Ft
0210	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0220	Dr Structure, Tap, 6 inch	4030306	8.000	Ea
0230	Drop Inlet, Type 1	4030395	2.000	Ea
0240	_ Combined Sewer Manhole, 48 inch dia	4037050	1.000	Ea
0250	_ Dr Structure Collar, Modified	4037050	21.000	Ea
0260	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	24.000	Ea
0270	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	4.000	Ea

0280	_ Dr Structure Cover, Type B, Modified	4037050	21.000	Ea
0290	_ Dr Structure Cover, Type D, Modified	4037050	3.000	Ea
0300	_ Dr Structure Cover, Type K, Modified	4037050	35.000	Ea
0310	_ Dr Structure, 48 inch dia, Modified	4037050	34.000	Ea
0320	Underdrain, Subbase, 6 inch	4040063	6,475.000	Ft
0330	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0340	HMA, 3E1	5010044	2,567.000	Ton
0350	HMA, 4E1	5010050	1,713.000	Ton
0360	HMA, 5E1	5010056	1,278.000	Ton
0370	HMA Approach	5010061	1.000	Ton
0380	Lane Tie, Epoxy Anchored	6030030	6.000	Ea
0390	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	482.000	Syd
0400	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	173.000	Syd
0410	_ Curb and Gutter, Conc, Det F2, Modified	8027001	6,201.000	Ft
0420	_ Driveway Opening, Conc, Det M, Modified	8027001	85.000	Ft
0430	Curb Ramp Opening, Conc	8030030	274.000	Ft
0440	_ Detectable Warning Surface, Modified	8037001	246.000	Ft
0450	_ Sidewalk Ramp, Conc, 7 inch, Modified	8037010	3,175.000	Sft
0460	_ Sidewalk, Conc, 4 inch, Modified	8037010	8,671.000	Sft
0470	_ Sidewalk, Conc, 6 inch, Modified	8037010	2,958.000	Sft
0480	Post, Steel, 3 lb	8100371	584.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0500	Sign, Type III, Rem	8100403	46.000	Ea
0510	Sign, Type IIIA	8100404	73.000	Sft
0520	Sign, Type IIIB	8100405	42.000	Sft
0530	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	474.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	138.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0570	Pavt Mrkg, Waterborne, 4 inch, White	8110231	143.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,784.000	Ft
0590	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	143.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,784.000	Ft
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0630	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Type NR, Tape, 4 inch, White, Temp	8120230	20.000	Ft
0680	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	464.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	20.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	464.000	Ft

Yellow, Temp				
0710	Plastic Drum, High Intensity, Furn	8120250	168.000	Ea
0720	Plastic Drum, High Intensity, Oper	8120251	168.000	Ea
0730	Sign Cover	8120310	43.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	681.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	681.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	162.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	162.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	_ Turf Establishment, Performance	8167011	4,750.000	Syd
0800	Wood Pole, Rem	8190505	1.000	Ea
0810	Gate Valve and Box, 8 inch	8230052	10.000	Ea
0820	Gate Valve and Box, 12 inch	8230054	7.000	Ea
0830	_ Water Main, 12 inch, Tr Det G, Modified	8237001	2,960.000	Ft
0840	_ Water Main, 6 inch, Tr Det G, Modified	8237001	71.000	Ft
0850	_ Water Main, 8 inch, Tr Det G, Modified	8237001	471.000	Ft
0860	_ Connection to Existing 12 inch Water Main	8237050	2.000	Ea
0870	_ Connection to Existing 16 inch Water Main	8237050	1.000	Ea
0880	_ Connection to Existing 6 inch Water Main	8237050	10.000	Ea
0890	_ Gas and Water Shutoff, Adj, Modified	8237050	3.000	Ea
0900	_ Hydrant, Complete, 6 inch	8237050	7.000	Ea
0910	_ Hydrant, Rem, Modified	8237050	7.000	Ea
0920	_ Water Serv, Long, Modified	8237050	32.000	Ea
0930	_ Water Serv, Private	8237050	9.000	Ea
0940	_ Water Serv, Short, Modified	8237050	22.000	Ea
0950	_ Abandoning Existing Water Main, in Place	8237051	1.000	LSUM
0960	_ Reimbursed Permit Fees	8267060	1,320.000	Dlr



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 025

**Letting Date:** January 4, 2019

**Contract ID:** 41000-130697

**Description:** 0.89 mi of hot mix asphalt cold milling and resurfacing, concrete bridge approach, guardrail and pavement markings on Kraft Avenue SE from 36th Street to 28th Street, Kent County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130697A	1900084	N/A	STU 41000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$79,200.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	150.000	Ft
0030	Pavt, Rem	2040050	257.000	Syd
0040	_ Roadway Grading	2057011	26,300.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0070	_ Aggregate Base, Modified	3027031	500.000	Ton
0080	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0090	Dr Structure, Temp Lowering	4030390	18.000	Ea
0100	_ Manhole Channel Protection	4037050	10.000	Ea
0110	Cold Milling HMA Surface	5010002	26,300.000	Syd
0120	Hand Patching	5010025	5.000	Ton
0130	HMA, 2C	5010030	6,380.000	Ton
0140	HMA, 5E3	5010057	2,985.000	Ton
0150	Joint, Contraction, C	6020202	28.000	Ft
0160	Joint, Expansion, E3	6020208	78.000	Ft
0170	Conc Pavt, Bridge Approach, Reinf	6020600	257.000	Syd
0180	Lane Tie, Epoxy Anchored	6030030	31.000	Ea
0190	Guardrail Approach Terminal, Type 1B	8070040	3.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	102.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,950.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,150.000	Ft
0260	Pavt Mrkg, Waterborne, 8 inch, White	8110235	100.000	Ft
0270	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea

0280	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0290	Channelizing Device, 42 inch, Furn	8120030	125.000	Ea
0300	Channelizing Device, 42 inch, Oper	8120031	125.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	900.000	Ft
0350	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	700.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,400.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,350.000	Ft
0380	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0390	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	30.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	30.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	Topsoil Surface, Furn, 3 inch	8160061	100.000	Syd
0460	_ Roadside Seeding	8167011	100.000	Syd
0470	Monument Box	8210001	1.000	Ea
0480	Monument Preservation	8210010	1.000	Ea
0490	Water Shutoff, Adj, Case 1	8230421	7.000	Ea

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12/7/2018 9:10 AM

AASHTOWare Project™ Version 4.0 Revision 189

**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 026**Letting Date:** January 4, 2019**Contract ID:** 14000-129338

**Description:** Bridge reconstruction with 33 inch prestressed concrete box beams, concrete deck, curb, gutter, approach, cofferdams, piling, guardrail and pavement markings on Sink Road over the Dowagiac River, Cass County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
129338A	N/A	N/A	MCS 14000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$77,100.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	6.000	Sta
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Guardrail, Rem	2040035	59.000	Ft
0060	Embankment, CIP	2050010	189.000	Cyd
0070	Excavation, Earth	2050016	767.000	Cyd
0080	Machine Grading	2050030	12.000	Sta
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0100	Erosion Control, Filter Bag	2080014	4.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0120	Erosion Control, Turbidity Curtain, Deep	2080042	75.000	Ft
0130	Subbase, CIP	3010002	734.000	Cyd
0140	Aggregate Base, 8 inch	3020020	2,103.000	Syd
0150	Shoulder, CI II, 6 inch	3070128	76.000	Syd
0160	HMA, 13A	5010033	169.000	Ton
0170	HMA, 36A	5010034	84.000	Ton
0180	_ HMA Surface, Rem, Modified	5017011	1,397.000	Syd
0190	Conc Pavt, Bridge Approach, Reinf	6020600	128.000	Syd
0200	Guardrail, Type MGS-8	8070004	210.000	Ft
0210	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0220	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0230	Guardrail Reflector	8070080	36.000	Ea
0240	Sign, Type III, Rem	8100403	9.000	Ea
0250	Sign, Type IIIB	8100405	30.000	Sft
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,136.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,136.000	Ft

0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	320.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft
0340	Riprap, Plain	8130010	3.000	Syd
0350	Fertilizer, Chemical Nutrient, CI A	8160020	14.000	Lb
0360	Mulch	8160025	497.000	Syd
0370	Mulch Blanket	8160027	124.000	Syd
0380	Seeding, Mixture TUF	8160042	30.000	Lb
0390	Topsoil Surface, Salv, 3 inch	8160076	621.000	Syd

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**Section: 2**

0400	Structures, Rem	2040060	1.000	LSUM
0410	Backfill, Structure, CIP	2060002	321.000	Cyd
0420	Excavation, Fdn	2060010	856.000	Cyd
0430	Joint, Expansion, E3	6020208	66.000	Ft
0440	_ Cofferdam, Modified	7047051	1.000	LSUM
0450	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0460	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	1,406.000	Ft
0470	Test Pile, CIP Conc, 14 inch	7050023	2.000	Ea
0480	Pile Point, CIP Conc	7050025	36.000	Ea
0490	Pile, Steel, Splice	7050050	36.000	Ea
0500	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0510	Bridge Ltg, Oper and Maintain	7060002	49.000	Cyd
0520	Conc, Grade T	7060013	124.000	Cyd
0530	False Decking	7060060	2,560.000	Sft
0540	Reinforcement, Steel, Epoxy Coated	7060092	31,448.000	Lb
0550	Substructure Conc	7060100	212.000	Cyd
0560	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0570	Superstructure Conc, Night Casting	7060113	49.000	Cyd
0580	Bearing, Elastomeric, 1 inch	7070012	5,760.000	Sin
0590	Prest Conc Deck, 33 inch	7080005	2,490.000	Sft
0600	Post Tensioning	7080015	1.000	LSUM
0610	Joint Waterproofing	7100001	297.000	Sft
0620	Bridge Railing, Aesthetic Parapet Tube	7110005	138.000	Ft
0630	Curb and Gutter, Bridge Approach	8020010	89.000	Ft
0640	_ Riprap, Heavy, Modified	8137011	185.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 027

**Letting Date:** January 4, 2019

**Contract ID:** 56000-129763-2

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

**Project Information**

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

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$48,700.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	90.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	78.000	Ft
0060	Curb and Gutter, Rem	2040020	41.000	Ft
0070	Pavt, Rem	2040050	52.000	Syd
0080	Sidewalk, Rem	2040055	53.000	Syd
0090	Ditch Cleanout	2050006	28.000	Sta
0100	Embankment, CIP	2050010	180.000	Cyd
0110	Excavation, Earth	2050016	231.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0130	Erosion Control, Silt Fence	2080036	300.000	Ft
0140	_ Aggregate Base, 8 inch, Modified	3027011	191.000	Syd
0150	_ Approach, CI I, 6 inch Modified	3027011	865.000	Syd
0160	_ Approach, CI II, 6 inch, Modified	3027011	201.000	Syd
0170	_ Shoulder, CI II, Modified	3027031	261.000	Ton
0180	Maintenance Gravel	3060020	100.000	Ton
0190	Trenching	3070200	67.000	Sta
0200	_ Geosynthetic Paving Interlayer, Fiberglass Reinf	3087011	500.000	Syd
0210	Sewer, CI A, 12 inch, Tr Det A	4020004	12.000	Ft
0220	Sewer, CI A, 36 inch, Tr Det A	4020009	12.000	Ft
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	131.000	Ft
0240	Sewer, CI A, 36 inch, Tr Det B	4020038	65.000	Ft
0250	Sewer Tap, 18 inch	4021206	1.000	Ea
0260	Sewer Tap, 36 inch	4021209	1.000	Ea
0270	Video Taping Sewer and Culv Pipe	4021275	220.000	Ft



0280	Dr Structure Cover, Type B	4030010	1.000	Ea
0290	Dr Structure Cover, Type G	4030040	4.000	Ea
0300	Dr Structure Cover, Type K	4030050	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	4.000	Ea
0320	Dr Structure, 60 inch dia	4030220	2.000	Ea
0330	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	10.000	Ft
0340	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0350	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
0360	Cold Milling HMA Surface	5010002	28,670.000	Syd
0370	HMA Surface, Rem	5010005	969.000	Syd
0380	Hand Patching	5010025	52.000	Ton
0390	HMA, 5E1	5010056	2,536.000	Ton
0400	HMA Approach	5010061	245.000	Ton
0410	Seal, Single Chip	5050001	27,661.000	Syd
0420	Driveway, Nonreinf Conc, 6 inch	8010005	26.000	Syd
0430	Curb and Gutter, Conc, Det F4	8020038	51.000	Ft
0440	Shoulder Gutter, Conc, Det 2	8020056	1.000	Ea
0450	_ Spillway, Conc, Modified	8027001	5.000	Ft
0460	Detectable Warning Surface	8030010	40.000	Ft
0470	Curb Ramp Opening, Conc	8030030	15.000	Ft
0480	Sidewalk Ramp, Conc, 6 inch	8030036	493.000	Sft
0490	Sidewalk, Conc, 4 inch	8030044	211.000	Sft
0500	Post, Mailbox	8070095	3.000	Ea
0510	Post, Steel, 3 lb	8100371	176.000	Ft
0520	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0530	Sign, Type III, Rem	8100403	5.000	Ea
0540	Sign, Type IIIB	8100405	54.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	168.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	78.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	38.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,976.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,052.000	Ft
0620	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	11,976.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	14,052.000	Ft
0640	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0650	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0660	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	786.000	Ft

0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	786.000	Ft
0720	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0730	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0740	Sign, Type B, Temp, Prismatic, Furn	8120350	552.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	552.000	Sft
0760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	50.000	Sft
0770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	50.000	Sft
0780	Traf Regulator Control	8120370	1.000	LSUM
0790	Riprap, Plain	8130010	4.000	Syd
0800	_ Turf Establishment, Performance	8167011	1,620.000	Syd
0810	_ Tack Coat, PG 58-28 Asphalt	8507022	200.000	Gal

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 028

**Letting Date:** January 4, 2019

**Contract ID:** 82000-200545

**Description:** 0.01 mi of intersection improvement including traffic signal, sidewalk ramps and pavement markings on Sheldon Road at Goldsmith Road in the city of Plymouth, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200545A	N/A	N/A	EDA 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$19,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Sidewalk, Rem	2040055	40.000	Syd
0040	Exploratory Investigation, Vertical	2040080	10.000	Ft
0050	Embankment, CIP	2050010	1.000	Cyd
0060	Excavation, Earth	2050016	2.000	Cyd
0070	Aggregate Base, 4 inch	3020010	47.000	Syd
0080	Lane Tie, Epoxy Anchored	6030030	18.000	Ea
0090	Detectable Warning Surface	8030010	22.000	Ft
0100	Curb Ramp Opening, Conc	8030030	30.000	Ft
0110	Sidewalk Ramp, Conc, 7 inch	8030037	335.000	Sft
0120	Sidewalk, Conc, 4 inch	8030044	55.000	Sft
0130	Post, Steel, 3 lb	8100371	60.000	Ft
0140	Sign, Type III, Rem	8100403	2.000	Ea
0150	Sign, Type IIIB	8100405	18.000	Sft
0160	Mast Arm Pole, Cat I	8100510	3.000	Ea
0170	Mast Arm, 30 foot, Cat I	8100522	1.000	Ea
0180	Mast Arm, 35 foot, Cat I	8100523	1.000	Ea
0190	Mast Arm, 50 foot, Cat I	8100526	2.000	Ea
0200	Mast Arm Pole Fdn, 6 Bolt	8100550	44.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	365.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	115.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	125.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	625.000	Ft
0260	Rem Spec Mrkg	8110343	30.000	Sft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	950.000	Ft
0330	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0340	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Type A	8160100	40.000	Syd
0390	Conduit, DB, 1, 1 1/2 inch	8190027	145.000	Ft
0400	Conduit, DB, 1, 3 inch	8190029	50.000	Ft
0410	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
0420	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0430	Hh, Round, 3 foot dia	8190259	1.000	Ea
0440	Hh, Round	8190260	5.000	Ea
0450	Cable, Sec, 600V, 1, 3/C#6	8190399	150.000	Ft
0460	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea
0470	Conduit, Directional Bore, 2, 3 inch	8190604	240.000	Ft
0480	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
0490	Controller and Cabinet, Digital Type	8200031	1.000	Ea
0500	Controller Fdn, Base Mount	8200045	1.000	Ea
0510	Global Positioning System Module	8200050	1.000	Ea
0520	Pedestal, Alum	8200100	5.000	Ea
0530	Pedestal, Fdn	8200105	5.000	Ea
0540	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0550	Pushbutton and Sign	8200121	2.000	Ea
0560	Serv Disconnect	8200135	1.000	Ea
0570	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0580	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0590	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0600	Video Traf Detection System	8200380	1.000	Ea
0610	Video Traf Detection Camera	8200381	2.000	Ea
0620	Casing	8200480	26.000	Ft
0630	Backplate, TS	8200501	8.000	Ea

**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 029**Letting Date:** January 4, 2019**Contract ID:** 70000-200804

**Description:** 0.60 mi of hot mix asphalt shared use path, concrete curb, gutter, culverts, drainage and pavement markings along 42nd Avenue from Pierce Street to the Grand Ravines Park Trailhead, Ottawa County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200804A	1900075	N/A	TA 70000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$28,000.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	29.000	Ea
0030	_ Tree, Relocate, 2.5 to 4.0 Inch Caliper	2027050	19.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Curb and Gutter, Rem	2040020	86.000	Ft
0060	Pavt, Rem	2040050	105.000	Syd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0080	Erosion Control, Silt Fence	2080036	3,280.000	Ft
0090	Subbase, CIP	3010002	1,385.000	Cyd
0100	Culv End Sect, 12 inch	4010012	7.000	Ea
0110	Culv, CI A, 12 inch	4010131	121.000	Ft
0120	Culv, CI F, 12 inch	4010607	60.000	Ft
0130	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0140	Dr Structure Cover, Type G	4030040	1.000	Ea
0150	Dr Structure, 48 inch dia	4030210	1.000	Ea
0160	Underdrain, Subbase, 4 inch	4040061	2,934.000	Ft
0170	Underdrain Outlet, 4 inch	4040091	150.000	Ft
0180	Curb and Gutter, Conc, Det F4	8020038	86.000	Ft
0190	Detectable Warning Surface	8030010	60.000	Ft
0200	Shared use Path, Conc	8060020	467.000	Syd
0210	Shared use Path, HMA	8060040	360.000	Ton
0220	_ Shared use Path, Barrier	8067001	200.000	Ft
0230	_ Shared use Path, Grading, Modified	8067001	3,244.000	Ft
0240	_ Shared use Path, Aggregate, 6 inch	8067011	3,840.000	Syd
0250	Post, Wood, 4 inch by 6 inch	8100380	112.000	Ft
0260	Sign, Type IIIA	8100404	35.000	Sft
0270	Sign, Type IIIB	8100405	20.000	Sft

0280	Pavt Mrkg, Waterborne, 12 inch, White	8110237	180.000	Ft
0290	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, High Intensity, Furn	8120250	40.000	Ea
0330	Plastic Drum, High Intensity, Oper	8120251	40.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	304.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0360	Riprap, Plain	8130010	21.000	Syd
0370	Site Preparation, Max \$3,200.00	8150001	1.000	LSUM
0380	Watering and Cultivating, First Season, Min \$2,800.00	8150002	1.000	LSUM
0390	Watering and Cultivating, Second Season, Min \$3,400.00	8150003	1.000	LSUM
0400	Acer x freemanii Autumn Blaze, 2 inch	8150222	16.000	Ea
0410	Picea abies, 6 foot	8152742	16.000	Ea
0420	_ Brick Wall, Salvage, Reinstall	8157051	1.000	LSUM
0430	Mulch Blanket	8160027	2,200.000	Syd
0440	_ Slope Restoration	8167011	4,950.000	Syd
0450	_ Utility, Elec	8197060	1.000	Dlr
0460	_ Bollard Light and Base , Relocate	8207050	15.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 030

**Letting Date:** January 4, 2019

**Contract ID:** 79062-201404

**Description:** 12.33 mi of hot mix asphalt cold milling and single course resurfacing with joint repairs, concrete curb, gutter, sidewalk ramp and pavement markings on M-81 from Cass City Road to the village of Cass City and on M-81 from Deckerville Road to Cass City Road in the village of Cass City, Tuscola County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201404A	N/A	N/A	M 79062
201405A	1900123	N/A	ST 79062

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Sidewalk Ramp Layout	1047051	1.000	LSUM
0020	Mobilization, Max \$249,400.00	1500001	1.000	LSUM
0030	Pavt, Rem	2040050	23.000	Syd
0040	Sidewalk, Rem	2040055	20.000	Syd
0050	Embankment, LM	2050011	2.000	Cyd
0060	Excavation, Earth	2050016	2.000	Cyd
0070	Aggregate Base	3020001	7.000	Ton
0080	Trenching	3070200	158.000	Sta
0090	_ Shoulder, CI II, Modified	3077031	4,205.000	Ton
0100	HMA Surface, Rem	5010005	12.000	Syd
0110	HMA Quality Initiative	5010007	46,468.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	68,369.000	Dlr
0130	Pavt Joint and Crack Repr, Det 7	5010020	7,344.000	Ft
0140	Pavt Joint and Crack Repr, Det 8	5010021	3,216.000	Ft
0150	Hand Patching	5010025	1,263.000	Ton
0160	HMA, 5E1	5010056	19,746.000	Ton
0170	HMA Approach	5010061	1,061.000	Ton
0180	Fine Textured Pavement Milling	5010100	238,330.000	Syd
0190	HMA, LVSP	5010703	1,164.000	Ton
0200	Curb and Gutter, Conc, Det F3	8020037	31.000	Ft
0210	Detectable Warning Surface	8030010	14.000	Ft
0220	Curb Ramp Opening, Conc	8030030	19.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	180.000	Sft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	124.000	Ft

0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,629.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	127,000.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	124.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,629.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	127,000.000	Ft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	470.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	470.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	12,000.000	Ft
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,000.000	Ft
0410	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0420	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0430	Sign Cover	8120310	4.000	Ea
0440	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	2,024.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	2,024.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
0500	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
0510	Slope Restoration, Type B	8160101	50.000	Syd
0520	Monument Box	8210001	10.000	Ea
0530	Monument Preservation	8210010	10.000	Ea
0540	Centerline Corrugations, Milled, HMA	8220013	63,501.000	Ft





**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 031

**Letting Date:** January 4, 2019

**Contract ID:** 78054-126093

**Description:** 0.08 mi of bridge removal, placement of embankment, steel sheet piling and roadway construction on M-66 over New York Central Railroad (abandoned), St. Joseph County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
126093A	1900124	N/A	ST 78054

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$72,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Curb and Gutter, Rem	2040020	87.000	Ft
0070	Fence, Rem	2040025	110.000	Ft
0080	Guardrail, Rem	2040035	534.000	Ft
0090	Embankment, CIP	2050010	12,464.000	Cyd
0100	Excavation, Earth	2050016	1,225.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0130	_ Geotechnical Instrumentation Hardware (R01 OF 78054)	2057051	1.000	LSUM
0140	_ Geotechnical Instrumentation Installation (R01 OF 78054)	2057051	1.000	LSUM
0150	_ Geotechnical Instrumentation Monitoring (R01 OF 78054)	2057051	1.000	LSUM
0160	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0180	Erosion Control, Silt Fence	2080036	950.000	Ft
0190	Subbase, CIP	3010002	781.000	Cyd
0200	Aggregate Base, 6 inch	3020016	1,889.000	Syd
0210	Shoulder, CI II, 6 inch	3070128	284.000	Syd
0220	Cold Milling HMA Surface	5010002	1,700.000	Syd
0230	HMA Surface, Rem	5010005	949.000	Syd
0240	HMA, 3E1	5010044	311.000	Ton
0250	HMA, 4E1	5010050	640.000	Ton
0260	_ High Performance Biaxial Geogrid	7007011	3,200.000	Syd

0270	Steel Sheet Piling, Temp, Left in Place	7040003	4,800.000	Sft
0280	Guardrail, Type B	8070000	850.000	Ft
0290	Guardrail Reflector	8070080	38.000	Ea
0300	Fdn, Wood Support, Rem	8100280	2.000	Ea
0310	Delineator, Rem Delineator, Rem	8100349	4.000	Ea
0320	Post, Steel, 3 lb	8100371	16.000	Ft
0330	Post, Wood, 6 inch by 8 inch	8100382	32.000	Ft
0340	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0350	Sign, Type II, Rem	8100397	1.000	Ea
0360	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0370	Sign, Type III, Rem	8100403	8.000	Ea
0380	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	132.000	Ft
0390	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	1,050.000	Ft
0400	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	132.000	Ft
0410	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	1,050.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	165.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,313.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	165.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,313.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0520	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0530	Sign Cover	8120310	20.000	Ea
0540	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0550	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,295.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,295.000	Sft
0580	_ Turf Establishment, Performance	8167011	3,500.000	Syd
0590	Centerline Corrugations, Milled, HMA	8220013	850.000	Ft
0600	Contractor Staking	8240001	1.000	LSUM
0610	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0620	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0630	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

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**Section: 2**

0640	Structures, Rem Portions (R01 of 78054)	2040061	1.000	LSUM
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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 032**Letting Date:** January 4, 2019**Contract ID:** 52011-130229**Description:** Bridge rehabilitation including replacement of expansion joint, drain replacement, super and substructure repairs and pier overcasting on M-95 over Trout Creek Falls and Michigamme River, Marquette County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130229A	1900133	N/A	ST 52011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$69,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	110.000	Ft
0030	Guardrail, Rem	2040035	125.000	Ft
0040	Embankment, CIP	2050010	5.000	Cyd
0050	Excavation, Earth	2050016	10.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0080	Aggregate Base, 6 inch	3020016	25.000	Syd
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0100	Dr Structure Cover, Type D	4030025	1.000	Ea
0110	HMA Surface, Rem	5010005	25.000	Syd
0120	Hand Patching	5010025	10.000	Ton
0130	Curb and Gutter, Bridge Approach	8020010	110.000	Ft
0140	Guardrail, Reconst, Type B	8070105	75.000	Ft
0150	Guardrail, Reconst, Type T	8070109	125.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,000.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,040.000	Ft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0190	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0200	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0210	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0220	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0230	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0240	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0250	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0260	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	2.000	Ea
0270	Conc Barrier, Temp, Adj	8120080	860.000	Ft

0280	Conc Barrier, Temp, Furn	8120081	940.000	Ft
0290	Conc Barrier, Temp, Oper	8120082	940.000	Ft
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	225.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,400.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	44.000	Ft
0360	PTS System, Temp, Furn	8120270	2.000	Ea
0370	PTS System, Temp, Oper	8120271	2.000	Ea
0380	Sign Cover	8120310	4.000	Ea
0390	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0400	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0430	Contractor Staking	8240001	1.000	LSUM
0440	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0450	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0460	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

**Section: 2**

0470	Backfill, Structure, CIP	2060002	178.000	Cyd
0480	Excavation, Fdn	2060010	654.000	Cyd
0490	Erosion Control, Filter Bag	2080014	5.000	Ea
0500	_ Articulating Conc Block System, 8 inch	2087011	479.000	Syd
0510	_ Dewatering System	4017050	5.000	Ea
0520	_ Dewatering Barrier	7057051	1.000	LSUM
0530	Conc, Grade D	7060010	46.000	Cyd
0540	Expansion Joint Device	7060050	67.000	Ft
0550	False Decking	7060060	3,977.000	Sft
0560	Reinforcement, Steel, Epoxy Coated	7060092	6,364.000	Lb
0570	Substructure Horizontal Surface Sealer (B02 of 52011)	7100030	22.000	Syd
0580	Substructure Horizontal Surface Sealer (B03 of 52011)	7100030	41.000	Syd
0590	Hand Chipping, Shallow	7120003	15.000	Syd
0600	Hand Chipping, Other Than Deck	7120007	263.000	Cft
0610	Patch, Forming	7120017	1,052.000	Sft
0620	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	396.000	Ea
0630	Deck Joint, Rem	7120071	73.000	Ft
0640	Reinforcement, Mechanical Splice	7120084	32.000	Ea
0650	Patching Conc, C-L	7120112	6.000	Cyd
0660	Embedded Galvanic Anode	7120120	935.000	Ea
0670	_ Hand Chipping, Full Depth	7127020	54.000	Cft
0680	_ Shotcrete, Vertical and Overhead Structure Repairs	7127020	127.000	Cft

0690	Beam Plate, Seal Perimeter	7130010	80.000	Ft
0700	Support, Column, Temp	7130080	2.000	Ea
0710	Drain Casting, Type 1	7170001	8.000	Ea
0720	Drain Casting Assembly	7170010	8.000	Ea
0730	_ Riprap, Under Structures, Class II	8137031	994.000	Ton

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 033

**Letting Date:** January 4, 2019

**Contract ID:** 02041-128724

**Description:** Bridge rehabilitation including shallow overlay, concrete deck, railing, patching, curb, gutter and approach, joints, riprap and pavement markings on M-28 over the Sand River, Alger County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
128724A	1900131	N/A	NH 02041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$56,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	86.000	Ft
0030	Guardrail, Rem	2040035	375.000	Ft
0040	Embankment, CIP	2050010	15.000	Cyd
0050	Excavation, Earth	2050016	82.000	Cyd
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Aggregate Base	3020001	113.000	Ton
0080	HMA Surface, Rem	5010005	572.000	Syd
0090	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	120.000	Syd
0100	Joint, Expansion, E2	6020207	48.000	Ft
0110	Joint, Expansion, E3	6020208	70.000	Ft
0120	Joint, Expansion, E4	6020209	14.000	Ft
0130	Shoulder, Nonreinf Conc	6020222	35.000	Syd
0140	Conc Pavt, Bridge Approach, Reinf	6020600	156.000	Syd
0150	Bridge Railing, Thrie Beam Retrofit	7110006	200.000	Ft
0160	Curb and Gutter, Bridge Approach	8020010	88.000	Ft
0170	Guardrail Anch, Bridge, Det A2	8070021	4.000	Ea
0180	Guardrail Reflector	8070080	16.000	Ea
0190	Post, Steel, 3 lb	8100371	64.000	Ft
0200	Sign, Type III, Rem	8100403	4.000	Ea
0210	Sign, Type IIIB	8100405	12.000	Sft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	390.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,110.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	390.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,110.000	Ft
0260	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	38.000	Ft
0270	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	296.000	Ft
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea

0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0300	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0310	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0320	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0330	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0340	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0350	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0360	Conc Barrier, Temp, Adj	8120080	280.000	Ft
0370	Conc Barrier, Temp, Furn	8120081	340.000	Ft
0380	Conc Barrier, Temp, Oper	8120082	340.000	Ft
0390	Conc Barrier, Temp, Relocated	8120083	60.000	Ft
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	270.000	Ft
0420	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,110.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0480	PTS System, Temp, Furn	8120270	1.000	Ea
0490	PTS System, Temp, Oper	8120271	1.000	Ea
0500	Sign Cover	8120310	5.000	Ea
0510	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0520	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	470.000	Sft
0540	Sign, Type B, Temp, Prismatic, Oper	8120351	470.000	Sft
0550	Slope Restoration, Type B	8160101	200.000	Syd
0560	Contractor Staking	8240001	1.000	LSUM
0570	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0580	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0590	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

**Section: 2**

0600	_ Maintaining Navigation (B01 of 02041)	1077051	1.000	LSUM
0610	Backfill, Structure, CIP	2060002	40.000	Cyd
0620	Excavation, Fdn	2060010	50.000	Cyd
0630	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0640	Erosion Control, Turbidity Curtain, Deep	2080042	425.000	Ft
0650	False Decking	7060060	2,300.000	Sft
0660	Reinforcement, Steel, Epoxy Coated	7060092	6,000.000	Lb
0670	Superstructure Conc	7060110	47.000	Cyd
0680	Superstructure Conc, Form, Finish, and Cure (B01 of 02041)	7060111	1.000	LSUM

0690	_ Expansive Waterstop	7067001	210.000	Ft
0700	Structural Steel, Mixed, Erect	7070050	450.000	Lb
0710	Structural Steel, Mixed, Furn and Fab	7070051	450.000	Lb
0720	Joint Waterproofing	7100001	105.000	Sft
0730	_ Bridge Railing Panel, Rem, Salv, and Erect	7117050	11.000	Ea
0740	_ R-4 Bridge Railing Panel, Install	7117050	11.000	Ea
0750	_ R-4 Bridge Railing Panel, Transport	7117051	1.000	LSUM
0760	Scarifying	7120001	245.000	Syd
0770	Hand Chipping, Other Than Deck	7120007	160.000	Cft
0780	Patch, Forming	7120017	350.000	Sft
0790	Epoxy Ovly	7120020	90.000	Syd
0800	Bridge Deck Surface Construction	7120025	245.000	Syd
0810	Conc, Silica Fume Modified	7120027	33.000	Cyd
0820	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	142.000	Ea
0830	Structures, Rehabilitation, Rem Portions (B01 of 02041)	7120070	1.000	LSUM
0840	Hydrodemolition, First Pass	7120076	245.000	Syd
0850	Hydrodemolition, Second Pass	7120077	25.000	Syd
0860	Embedded Galvanic Anode	7120120	355.000	Ea
0870	_ Structural Crack, Historic, Repr	7127001	50.000	Ft
0880	_ Patching Conc, Historic	7127021	6.000	Cyd
0890	_ Conc Testing, Historic (B01 of 02041)	7127051	1.000	LSUM
0900	_ Riprap, Special, Class II	8137031	1,100.000	Ton





**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 034

**Letting Date:** January 4, 2019

**Contract ID:** 03112-200589

**Description:** 7.63 mi of hot mix asphalt cold milling and hot mix asphalt overlay, concrete pavement repairs, guardrail and pavement markings on US-131 from south of 133rd Avenue north to the Allegan/Kent county line including ramps at the 135th Avenue and 142nd Avenue interchanges in the city of Wayland, Allegan County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200589A	1900142	N/A	NH 03112

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$403,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	181.000	Ft
0030	Guardrail, Rem	2040035	200.000	Ft
0040	Excavation, Earth	2050016	52.000	Cyd
0050	_ Embankment, CIP, Special	2057021	212.000	Cyd
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Aggregate Base, 6 inch	3020016	80.000	Syd
0080	Shoulder, CI II	3070121	1,035.000	Ton
0090	Cold Milling HMA Surface	5010002	313,225.000	Syd
0100	Bump Grinding	5010004	800.000	Syd
0110	HMA Quality Initiative	5010007	72,222.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	95,063.000	Dlr
0130	Pavt Joint and Crack Repr, Det 7	5010020	5,310.000	Ft
0140	Pavt Joint and Crack Repr, Det 8	5010021	2,276.000	Ft
0150	Hand Patching	5010025	1,549.000	Ton
0160	HMA, 5E3	5010057	3,540.000	Ton
0170	HMA, 5E10	5010058	30,486.000	Ton
0180	HMA Approach	5010061	536.000	Ton
0190	Conc Pavt, Nonreinf, 8 inch	6020104	80.000	Syd
0200	Joint, Contraction, Cp	6020200	250.000	Ft
0210	Cement	6030005	10.000	Ton
0220	Cold Milling Conc Pavt	6030014	1,451.000	Syd
0230	Joint, Contraction, Crg	6030020	750.000	Ft
0240	Joint, Tied, Trg	6030023	50.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	15.000	Ea
0260	Non-Chloride Accelerator	6030035	200.000	Gal

0270	Pavt Repr, Nonreinf Conc, 10 inch	6030048	275.000	Syd
0280	Pavt Repr, Rem	6030080	275.000	Syd
0290	_ Joint, Tied 2.5 foot, Special	6037001	280.000	Ft
0300	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch, Special	6037011	40.000	Syd
0310	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	40.000	Syd
0320	_ Valley Gutter, Conc, Modified	8027001	181.000	Ft
0330	Guardrail, Type T	8070002	19.000	Ft
0340	Guardrail, Curved, Type B	8070010	138.000	Ft
0350	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0360	Guardrail Reflector	8070080	6.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	4.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0400	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	270.000	Ft
0410	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,789.000	Ft
0420	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,570.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	84,570.000	Ft
0440	Pavt Mrkg, Waterborne, 12 inch, White	8110237	4,200.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	22,789.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,570.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	84,570.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	4,200.000	Ft
0490	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0500	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0520	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0540	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0550	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0560	Ltg for Night Work	8120160	1.000	LSUM
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Mobile Attenuator	8120180	1.000	Ea
0590	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,800.000	Ft
0600	Sign Cover	8120310	20.000	Ea
0610	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0620	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0630	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0640	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	1,950.000	Sft
0660	Sign, Type B, Temp, Prismatic, Oper	8120351	1,950.000	Sft

0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Slope Restoration, Type C	8160102	830.000	Syd
0690	Shoulder Corrugations, Ground or Cut, HMA	8220001	78,893.000	Ft
0700	Contractor Staking, Road Only	8240007	1.000	LSUM
0710	Staking Plan Errors and Extras, One Person	8240020	1.000	Hr
0720	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0730	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 035

**Letting Date:** January 4, 2019

**Contract ID:** 74073-201338

**Description:** 15.69 mi of hot mix asphalt cold milling and resurfacing and Cherry Creek bridge waterproofing, joint repairs and overlay on M-25 from Lynn Boulevard north to French Line Road and from the north village limits of Port Sanilac north to Deckerville Road, Sanilac County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201338A	N/A	N/A	M 74073
201411A	1900148	N/A	NH 74071
201412A	N/A	N/A	M 74072

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$297,600.00	1500001	1.000	LSUM
0020	_ Approach, CI II, Modified	3077031	50.000	Ton
0030	_ Shoulder, CI II, Modified	3077031	2,815.000	Ton
0040	Dr Structure Cover, Adj, Case 1, Modified	4030004	29.000	Ea
0050	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0060	_ Dr Structure Cover, ADA Compliant	4037050	2.000	Ea
0070	Cold Milling HMA Surface	5010002	282,438.000	Syd
0080	HMA Quality Initiative	5010007	54,172.000	Dlr
0090	Joint and Crack, Cleanout	5010015	1,000.000	Ft
0100	Longitudinal Joint Density Quality Initiative	5010018	89,080.000	Dlr
0110	Pavt Joint and Crack Repr, Det 7	5010020	3,325.000	Ft
0120	Pavt Joint and Crack Repr, Det 8	5010021	825.000	Ft
0130	Hand Patching	5010025	265.000	Ton
0140	HMA, 5E1	5010056	25,360.000	Ton
0150	HMA Approach	5010061	611.000	Ton
0160	HMA, 5E1, High Stress	5010514	850.000	Ton
0170	Joint, Expansion, E2	6020207	92.000	Ft
0180	Cold Milling Conc Pavt	6030014	400.000	Syd
0190	_ Spray Applied Waterproofing Membrane	7107011	170.000	Syd
0200	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0210	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	505.000	Ft
0240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	82.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	54.000	Ft

0260	Pavt Mrkg, Waterborne, 4 inch, White	8110231	470.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	44,125.000	Ft
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	112,250.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	470.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	44,125.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	112,250.000	Ft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
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	260.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	260.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,950.000	Ft
0410	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	48.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	16,800.000	Ft
0430	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0450	PTS System, Temp, Furn	8120270	1.000	Ea
0460	PTS System, Temp, Oper	8120271	1.000	Ea
0470	Sign Cover	8120310	15.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0500	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0510	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	1,749.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	1,749.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
0560	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
0570	Monument Box	8210001	2.000	Ea
0580	Monument Preservation	8210010	7.000	Ea
0590	Centerline Corrugations, Milled, HMA	8220013	74,600.000	Ft
0600	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	118,500.000	Ft
0610	Gate Box, Adj, Case 1	8230431	1.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 036

**Letting Date:** January 4, 2019

**Contract ID:** 71021-131749

**Description:** 18.96 mi of hot mix asphalt cold milling and single course overlay on M-68 from Glasier Road to Curtis Road and on M-211 from Cedar Street to Bonz Beach Highway, Presque Isle County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131749A	N/A	N/A	M 71021

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$281,100.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0030	_ Shoulder, CI II, Modified	3077031	6,200.000	Ton
0040	Cold Milling HMA Surface	5010002	340,707.000	Syd
0050	HMA Quality Initiative	5010007	64,750.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	101,288.000	Dlr
0070	Hand Patching	5010025	6.000	Ton
0080	HMA Approach	5010061	741.000	Ton
0090	HMA, LVSP	5010703	31,628.000	Ton
0100	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	150.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,464.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	200,185.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	150.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	35,464.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	200,185.000	Ft
0170	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0180	Protective Ovly, Snowmobile Trail Crossing	8110550	120.000	Syd
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg Cover, Type R, Black	8120200	4,000.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft

0270	Sign Cover	8120310	12.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Monument Box Adjust	8210005	30.000	Ea
0320	Centerline Corrugations, Milled, HMA	8220013	100,075.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 037**Letting Date:** January 4, 2019**Contract ID:** 49041-132036

**Description:** 12.27 mi of hot mix asphalt cold milling, resurfacing and shoulder widening, shoulder aggregate and pavement markings on M-134 from Hilltop Road to the east Mackinac/Chippewa county line, Mackinac and Chippewa Counties. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132036A	N/A	N/A	M 49041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$222,500.00	1500001	1.000	LSUM
0020	Aggregate Base	3020001	4,050.000	Ton
0030	Approach, CI II	3070021	20.000	Ton
0040	Shoulder, CI II	3070121	2,489.000	Ton
0050	Trenching	3070200	785.000	Sta
0060	Cold Milling HMA Surface	5010002	223,680.000	Syd
0070	Bump Grinding	5010004	200.000	Syd
0080	HMA Surface, Rem	5010005	50.000	Syd
0090	HMA Quality Initiative	5010007	44,072.000	Dlr
0100	Longitudinal Joint Density Quality Initiative	5010018	64,789.000	Dlr
0110	HMA Approach	5010061	188.000	Ton
0120	HMA, LVSP	5010703	21,848.000	Ton
0130	Fence, Protective	8080007	950.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	38,500.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	129,600.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	38,500.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	129,600.000	Ft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0210	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0220	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	49,180.000	Ft
0250	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,000.000	Ft



0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0270	Sign Cover	8120310	6.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	764.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	764.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Monument Box Adjust	8210005	19.000	Ea
0320	Protect Corners	8210020	19.000	Ea
0330	Centerline Corrugations, Milled, HMA	8220013	61,146.000	Ft
0340	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	41,710.000	Ft
0350	Contractor Staking, Road Only	8240007	1.000	LSUM
0360	Staking Plan Errors and Extras, One Person	8240020	19.000	Hr
0370	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0380	Staking Plan Errors and Extras, Three Person	8240022	12.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 038

**Letting Date:** January 4, 2019

**Contract ID:** 11052-127448

**Description:** 7.25 mi of hot mix asphalt cold milling and resurfacing, pavement markings, signing, passing flares installation including concrete curb and gutter and drainage on M-139 from south of Hinchman Road to north of the St. Joseph River and on M-43 from west of the westerly 16th Avenue approach to east of the easterly 16th Avenue approach, Berrien and Van Buren Counties. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
127448A	1900127	N/A	CM 11052
200631A	1900128	N/A	NH 11052

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$216,200.00	1500001	1.000	LSUM
0020	_ Clearing, Special	2017011	150.000	Syd
0030	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	119.000	Ft
0060	Fence, Rem	2040025	354.000	Ft
0070	Guardrail, Rem	2040035	387.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0090	Exploratory Investigation, Vertical	2040080	40.000	Ft
0100	Embankment, CIP	2050010	425.000	Cyd
0110	Excavation, Earth	2050016	4,388.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	150.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0140	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0150	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0160	Erosion Control, Sediment Trap	2080034	5.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,650.000	Ft
0180	_ Permeable Runoff Structure	2087001	105.000	Ft
0190	Subbase, CIP	3010002	3,287.000	Cyd
0200	Aggregate Base, 6 inch	3020016	4,720.000	Syd
0210	Aggregate Base, Conditioning	3020050	200.000	Syd
0220	Aggregate Surface Cse, 8 inch	3060012	49.000	Syd
0230	_ Driveway Maintenance, Commercial	3067050	1.000	Ea
0240	_ Driveway Maintenance, Residential	3067050	8.000	Ea
0250	Shoulder, CI II, LM	3070123	50.000	Cyd

0260	Shoulder, CI II, 6 inch	3070128	559.000	Syd
0270	Trenching	3070200	350.000	Sta
0280	_ Shoulder, CI II, 1.5 inch	3077011	22,464.000	Syd
0290	Culv End Sect, 15 inch	4010015	9.000	Ea
0300	Culv, CI F, 15 inch	4010608	119.000	Ft
0310	Dr Marker Post	4011109	3.000	Ea
0320	Sewer, CI A, 12 inch, Tr Det B	4020033	400.000	Ft
0330	Sewer, CI A, 15 inch, Tr Det B	4020034	143.000	Ft
0340	Sewer, CI A, 18 inch, Tr Det B	4020035	129.000	Ft
0350	Sewer Tap, 30 inch	4021208	1.000	Ea
0360	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0370	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0380	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0390	Dr Structure Cover, Type C	4030015	3.000	Ea
0400	Dr Structure Cover, Type G	4030040	1.000	Ea
0410	Dr Structure, 48 inch dia	4030210	4.000	Ea
0420	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0430	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0440	Underdrain, Subbase, 6 inch	4040063	548.000	Ft
0450	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0460	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0470	_ Bypass Pumping	4067051	1.000	LSUM
0480	Cold Milling HMA Surface	5010002	167,114.000	Syd
0490	Bump Grinding	5010004	500.000	Syd
0500	HMA Surface, Rem	5010005	2,831.000	Syd
0510	HMA Quality Initiative	5010007	34,294.000	Dlr
0520	Longitudinal Joint Density Quality Initiative	5010018	54,159.000	Dlr
0530	Hand Patching	5010025	125.000	Ton
0540	HMA, 3E1	5010044	680.000	Ton
0550	HMA, 4E1	5010050	456.000	Ton
0560	HMA, 5E1	5010056	14,999.000	Ton
0570	HMA Approach	5010061	832.000	Ton
0580	_ Cold Milling HMA Surface, Modified	5017011	500.000	Syd
0590	_ Hand Patching, Modified	5017031	55.000	Ton
0600	Curb and Gutter, Conc, Det D2	8020031	841.000	Ft
0610	Guardrail, Type MGS-8	8070004	676.000	Ft
0620	Guardrail Anchored in Backslope, Type 4MGS-8	8070034	3.000	Ea
0630	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0640	Guardrail Reflector	8070080	34.000	Ea
0650	Post, Mailbox	8070095	11.000	Ea
0660	Fence, Protective	8080007	500.000	Ft
0670	Fence, Chain Link, 48 inch	8080011	371.000	Ft
0680	Fence Gate, 8 foot, for 48 inch Chain Link Fence	8080041	1.000	Ea
0690	Delineator Reflector, Green	8100133	8.000	Ea

0700	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
0710	Post, Rigid, Delineator	8100361	8.000	Ea
0720	Post, Steel, 3 lb	8100371	146.000	Ft
0730	Sign, Type III, Rem	8100403	6.000	Ea
0740	Sign, Type IIIB	8100405	16.000	Sft
0750	Sign, Type V, Rem	8100421	3.000	Ea
0760	Sign, Type VB	8100425	22.000	Sft
0770	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0780	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	132.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0800	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0810	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,090.000	Ft
0820	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	50,964.000	Ft
0830	Pavt Mrkg, Waterborne, 6 inch, White	8110233	73,470.000	Ft
0840	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,090.000	Ft
0850	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	50,964.000	Ft
0860	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	73,470.000	Ft
0870	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0900	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	275.000	Ea
0910	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	275.000	Ea
0920	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
0930	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0940	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0950	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
0960	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0970	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0980	Conc Barrier, Temp, Adj	8120080	560.000	Ft
0990	Conc Barrier, Temp, Furn	8120081	560.000	Ft
1000	Conc Barrier, Temp, Oper	8120082	560.000	Ft
1010	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1020	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1030	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
1040	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
1050	Minor Traf Devices	8120170	1.000	LSUM
1060	Mobile Attenuator	8120180	2.000	Ea
1070	Pavt Mrkg Cover, Type R, Black	8120200	1,000.000	Ft
1080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,750.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,000.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	12,900.000	Ft
1110	Plastic Drum, Fluorescent, Furn	8120252	225.000	Ea

1120	Plastic Drum, Fluorescent, Oper	8120253	225.000	Ea
1130	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	230.000	Ft
1140	Sign Cover	8120310	30.000	Ea
1150	Sign, Portable, Changeable Message, Furn	8120330	8.000	Ea
1160	Sign, Portable, Changeable Message, Oper	8120331	8.000	Ea
1170	Sign, Type B, Temp, Prismatic, Furn	8120350	2,592.000	Sft
1180	Sign, Type B, Temp, Prismatic, Oper	8120351	2,592.000	Sft
1190	Traf Regulator Control	8120370	1.000	LSUM
1200	Riprap, Plain	8130010	30.000	Syd
1210	_ HMA Spillway	8147011	4.000	Syd
1220	Slope Restoration, Type B	8160101	4,572.000	Syd
1230	Slope Restoration, Type D	8160103	250.000	Syd
1240	Wireless Vehicle Sensor Node, Rem	8200426	20.000	Ea
1250	Wireless Vehicle Sensor Node, Salv	8200427	20.000	Ea
1260	Monument Box	8210001	1.000	Ea
1270	Monument Preservation	8210010	1.000	Ea
1280	Protect Corners	8210020	9.000	Ea
1290	_ Hydrant, Adj	8237050	1.000	Ea
1300	Contractor Staking, Road Only	8240007	1.000	LSUM
1310	Staking Plan Errors and Extras, One Person	8240020	17.000	Hr
1320	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
1330	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 039

**Letting Date:** January 4, 2019

**Contract ID:** 80041-200632

**Description:** 13.65 mi of paver placed surface seal, concrete curb, gutter, sidewalk and ramp upgrades, shoulder aggregate and pavement markings on M-43 from the west city limits of Bangor to east of M-40 in the city of Bangor, Van Buren County. This project includes a 3 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200632A	1900132	N/A	ST 80041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$206,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	46.000	Ft
0030	Sidewalk, Rem	2040055	30.000	Syd
0040	Excavation, Earth	2050016	5.000	Cyd
0050	Subbase, CIP	3010002	5.000	Cyd
0060	Aggregate Base, 3 inch	3020008	13.000	Syd
0070	_ Shoulder, CI II, 1.5 inch	3077011	34,850.000	Syd
0080	Cold Milling HMA Surface	5010002	4,050.000	Syd
0090	HMA Surface, Rem	5010005	7.000	Syd
0100	HMA Quality Initiative	5010007	690.000	Dlr
0110	Pavt for Butt Joints, Rem	5010008	1,275.000	Syd
0120	Hand Patching	5010025	30.000	Ton
0130	HMA Approach	5010061	315.000	Ton
0140	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	18,237.000	Syd
0150	Overband Crack Fill, Lane	5020003	28.000	Lnmi
0160	Paver Placed Surface Seal, Type C, Warranty	5030041	286,581.000	Syd
0170	Conc Base Cse, Nonreinf, 7 inch	6020017	6.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	46.000	Ft
0190	Detectable Warning Surface	8030010	5.000	Ft
0200	Sidewalk Ramp, Conc, 6 inch	8030036	125.000	Sft
0210	Sidewalk, Conc, 4 inch	8030044	228.000	Sft
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	350.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	90.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	144.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	9.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,384.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	59,464.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	144,101.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,384.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	59,464.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	144,101.000	Ft
0360	Rem Spec Mrkg	8110343	672.000	Sft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0380	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	320.000	Ft
0390	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0400	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	10,000.000	Ft
0430	Sign Cover	8120310	5.000	Ea
0440	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	1,344.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	1,344.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type A	8160100	66.000	Syd
0500	Monument Box	8210001	8.000	Ea
0510	Monument Box Adjust	8210005	20.000	Ea
0520	Monument Preservation	8210010	8.000	Ea
0530	Protect Corners	8210020	20.000	Ea
0540	Centerline Corrugations, Milled, HMA	8220013	64,557.000	Ft
0550	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	10,950.000	Ft
0560	Contractor Staking, Road Only	8240007	1.000	LSUM
0570	Staking Plan Errors and Extras, One Person	8240020	18.000	Hr
0580	Staking Plan Errors and Extras, Two Person	8240021	7.000	Hr
0590	Staking Plan Errors and Extras, Three Person	8240022	11.000	Hr
0600	_ Railroad Protection, at Grade Crossing	8507060	3,000.000	Dlr



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 040

**Letting Date:** January 4, 2019

**Contract ID:** 42012-201151

**Description:** 17.23 mi of chip seal, double, warranty, overband crackfill, lane, gravel shoulders, berm grading and pavement markings on US-41 from north of 1st Street to north of Lac Labelle Road, Keweenaw County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201151A	1900137	N/A	ST 42012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$152,300.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	122.000	Sta
0030	Shoulder, CI II	3070121	5,712.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0050	Dr Structure Cover, Type E	4030035	2.000	Ea
0060	Pavt, Cleaning	5010001	1.000	LSUM
0070	Edge Trimming	5010009	1,200.000	Ft
0080	Hand Patching	5010025	50.000	Ton
0090	Overband Crack Fill, Lane	5020003	34.360	Lnmi
0100	Chip Seal, Double, Warranty	5050020	303,220.000	Syd
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	85.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	113,000.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	181,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	85.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	113,000.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	181,000.000	Ft
0170	Rem Spec Mrkg	8110343	1,008.000	Sft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Protective Ovly, Snowmobile Trail Crossing	8110550	112.000	Syd
0200	_ Traffic Control	8127051	1.000	LSUM
0210	Fertilizer, Chemical Nutrient, CI A	8160020	94.000	Lb
0220	Mulch	8160025	2,000.000	Syd
0230	Mulch Anchoring	8160026	2,000.000	Syd
0240	Seeding, Mixture THV	8160040	91.000	Lb
0250	Topsoil Surface, Furn, 4 inch	8160062	2,000.000	Syd
0260	Monument Box	8210001	4.000	Ea
0270	Monument Preservation	8210010	4.000	Ea



0280	Contractor Staking, Road Only	8240007	1.000	LSUM
0290	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0300	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0310	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 041**Letting Date:** January 4, 2019**Contract ID:** 08071-202999

**Description:** 7.03 mi of hot mix asphalt cold milling, single course resurfacing and detail 8 joints and pavement markings on M-89 from Doster Road to the south Barry county line and on M-78 from M-66 to west Pease Road, Calhoun, Barry and Eaton Counties. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202999A	N/A	N/A	M 08071

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$134,700.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	28.000	Ton
0030	Shoulder, CI II	3070121	2,312.000	Ton
0040	Cold Milling HMA Surface	5010002	116,476.000	Syd
0050	Bump Grinding	5010004	100.000	Syd
0060	HMA Quality Initiative	5010007	25,982.000	Dir
0070	Longitudinal Joint Density Quality Initiative	5010018	41,053.000	Dir
0080	Pavt Joint and Crack Repr, Det 8	5010021	5,044.000	Ft
0090	Hand Patching	5010025	1,000.000	Ton
0100	HMA Approach	5010061	291.000	Ton
0110	HMA, LVSP	5010703	11,700.000	Ton
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	400.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	46,300.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	74,500.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	675.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	400.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	46,300.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	74,500.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	675.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea

0260	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,760.000	Ft
0310	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0320	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0330	Sign Cover	8120310	20.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
0380	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	56.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	56.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Monument Box	8210001	1.000	Ea
0420	Monument Preservation	8210010	1.000	Ea
0430	Protect Corners	8210020	1.000	Ea
0440	Centerline Corrugations, Milled, HMA	8220013	35,392.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 042**Letting Date:** January 4, 2019**Contract ID:** 68042-203951

**Description:** 22.29 mi of overband crack fill, single course chip seal and fog seal and pavement markings on M-72 from east of Maple Drive to east of Crooked Lake Road, on M-65 from south of Bamfield Road to north of the M-72 east leg and on M-33 from north of Island Lake Road to south of County Road 612, Montmorency County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203951A	1900152	N/A	ST 68042

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$126,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0030	_ Shoulder, CI II, Modified	3077031	7,271.000	Ton
0040	Overband Crack Fill, Lane	5020003	44.910	Lnmi
0050	Chip Seal, Single, Warranty	5050040	369,741.000	Syd
0060	_ Seal, Fog	5057011	369,741.000	Syd
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	940.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	78,677.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	235,359.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	940.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	78,677.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	235,359.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	_ Traffic Control	8127051	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 043

**Letting Date:** January 4, 2019

**Contract ID:** 72023-204225

**Description:** 5.65 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on M-55 from east of Kelly Street to west of Old M-55, Roscommon County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204225A	N/A	N/A	GF19 72023

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$121,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	285.000	Ft
0030	Embankment, LM	2050011	40.000	Cyd
0040	Excavation, Earth	2050016	15.000	Cyd
0050	Erosion Control, Silt Fence	2080036	350.000	Ft
0060	Shoulder, CI II	3070121	1,500.000	Ton
0070	Cold Milling HMA Surface	5010002	133,100.000	Syd
0080	HMA Quality Initiative	5010007	23,270.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	89,500.000	Dlr
0100	HMA Approach	5010061	135.000	Ton
0110	HMA, LVSP	5010703	11,500.000	Ton
0120	Guardrail, Type B	8070000	13.000	Ft
0130	Guardrail, Type MGS-8	8070004	160.000	Ft
0140	Guardrail, Curved, Type B	8070010	24.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0160	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0170	Guardrail Reflector	8070080	14.000	Ea
0180	Delineator Reflector, White	8100134	350.000	Ea
0190	Post, Rigid, Delineator	8100361	175.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0210	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	30.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	175.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,600.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, White	8110233	58,750.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	175.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,600.000	Ft
0270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	58,750.000	Ft

0280	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0290	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mount	8117001	173.000	Ft
0300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	450.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	450.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,600.000	Ft
0360	Sign Cover	8120310	10.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Fertilizer, Chemical Nutrient, CI A	8160020	39.000	Lb
0410	Mulch Blanket	8160027	900.000	Syd
0420	Seeding, Mixture TDS	8160037	38.000	Lb
0430	Topsoil Surface, Furn, 4 inch	8160062	900.000	Syd
0440	Centerline Corrugations, Milled, HMA	8220013	29,000.000	Ft
0450	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	58,000.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 044

**Letting Date:** January 4, 2019

**Contract ID:** 80041-131563

**Description:** 0.76 mi of full depth concrete pavement repairs and pavement markings on M-43 from La Grange Street (I-196BL) easterly to Blue Star Highway in the city of South Haven, Van Buren County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131563A	N/A	N/A	M 80041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$35,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	10.000	Ft
0030	Pavt, Rem	2040050	237.000	Syd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0060	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0070	Dr Structure Cover, Type B	4030010	2.000	Ea
0080	Dr Structure Cover, Type D	4030025	1.000	Ea
0090	Dr Structure Cover, Type K	4030050	2.000	Ea
0100	Joint, Contraction, Cp	6020200	724.000	Ft
0110	_ Concrete Surface Patch, (LMC), Special	6027011	25.000	Syd
0120	_ Latex Modified Concrete	6027021	17.000	Cyd
0130	Cement	6030005	46.000	Ton
0140	Joint, Contraction, Crg	6030020	3,557.000	Ft
0150	Joint, Expansion, Erg	6030021	277.000	Ft
0160	Joint, Expansion, Esc	6030022	60.000	Ft
0170	Lane Tie, Epoxy Anchored	6030030	717.000	Ea
0180	Non-Chloride Accelerator	6030035	100.000	Gal
0190	Pavt Repr, Nonreinf Conc, 10 inch	6030048	2,343.000	Syd
0200	Pavt Repr, Rem	6030080	2,106.000	Syd
0210	Saw Cut, Intermediate	6030090	2,035.000	Ft
0220	Curb and Gutter, Conc, Det C3	8020022	10.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	90.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0260	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,500.000	Ft
0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	8,500.000	Ft

0280	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	18,000.000	Ft
0290	Rem Curing Compound, for Spec Mrkg	8110321	300.000	Sft
0300	Rem Spec Mrkg	8110343	300.000	Sft
0310	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0390	Sign Cover	8120310	15.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	425.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	425.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	120.000	Sft
0430	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	120.000	Sft
0440	Slope Restoration, Type A	8160100	20.000	Syd
0450	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0460	Contractor Staking, Road Only	8240007	1.000	LSUM
0470	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0480	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0490	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr





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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 045**Letting Date:** January 4, 2019**Contract ID:** 82192-201368**Description:** 0.44 mi of full depth concrete pavement repair on M-39 from Porter Avenue to Lafayette Boulevard in the city of Lincoln Park, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201368A	1900146	N/A	NH 82192

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$45,300.00	1500001	1.000	LSUM
0020	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0030	Joint, Contraction, Cp	6020200	36.000	Ft
0040	Conc Quality Initiative	6020401	3,587.000	Dlr
0050	Cement	6030005	38.000	Ton
0060	Joint, Contraction, Crg	6030020	9,216.000	Ft
0070	Lane Tie, Epoxy Anchored	6030030	1,658.000	Ea
0080	Non-Chloride Accelerator	6030035	1,784.000	Gal
0090	Pavt Repr, Nonreinf Conc, 10 inch	6030048	3,208.000	Syd
0100	Pavt Repr, Rem	6030080	3,208.000	Syd
0110	Saw Cut, Intermediate	6030090	710.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	125.000	Ft
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	130.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,150.000	Ft
0190	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,150.000	Ft
0200	Rem Curing Compound, for Spec Mrkg	8110321	845.000	Sft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0280	Ltg for Night Work	8120160	1.000	LSUM

0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0320	Sign Cover	8120310	20.000	Ea
0330	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0340	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 046

**Letting Date:** January 4, 2019

**Contract ID:** 36021-130204

**Description:** Bridge rehabilitation including railing replacement, end header repair, deck patching, guardrail, concrete approach, curb and gutter and pavement markings on US-2 over the south branch of Iron River, Iron County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130204A	1900149	N/A	NH 36021

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$17,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	88.000	Ft
0030	Guardrail, Rem	2040035	688.000	Ft
0040	Embankment, CIP	2050010	35.000	Cyd
0050	Excavation, Earth	2050016	72.000	Cyd
0060	Erosion Control, Silt Fence	2080036	110.000	Ft
0070	Aggregate Base	3020001	71.000	Ton
0080	HMA Surface, Rem	5010005	162.000	Syd
0090	Hand Patching	5010025	11.000	Ton
0100	Joint, Expansion, E3	6020208	82.000	Ft
0110	Conc Pavt, Bridge Approach, Reinf	6020600	160.000	Syd
0120	Curb and Gutter, Bridge Approach	8020010	100.000	Ft
0130	Guardrail, Type MGS-8	8070004	464.000	Ft
0140	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0150	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0160	Guardrail Reflector	8070080	16.000	Ea
0170	Delineator Reflector, Green	8100133	4.000	Ea
0180	Fdn, Wood Support, Rem	8100280	1.000	Ea
0190	Post, Rigid, Delineator	8100361	4.000	Ea
0200	Post, Steel, 3 lb	8100371	14.000	Ft
0210	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0220	Sign, Type III, Rem	8100403	2.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	350.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,800.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	350.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,800.000	Ft
0270	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	17.000	Ft

0280	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	134.000	Ft
0290	Recessing Pavt Mrkg, Longit	8110450	3,000.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0320	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0330	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0340	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0350	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0360	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0370	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0380	Conc Barrier, Temp, Adj	8120080	240.000	Ft
0390	Conc Barrier, Temp, Furn	8120081	290.000	Ft
0400	Conc Barrier, Temp, Oper	8120082	290.000	Ft
0410	Conc Barrier, Temp, Relocated	8120083	50.000	Ft
0420	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	340.000	Ft
0460	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	340.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	680.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,000.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0520	PTS System, Temp, Furn	8120270	1.000	Ea
0530	PTS System, Temp, Oper	8120271	1.000	Ea
0540	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0550	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0560	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0570	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0580	Traf Regulator Control	8120370	1.000	LSUM
0590	Riprap, Plain	8130010	12.000	Syd
0600	Slope Restoration, Type B	8160101	340.000	Syd
0610	Contractor Staking	8240001	1.000	LSUM
0620	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0630	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0640	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

**Section: 2**

0650	Conc, Grade D	7060010	1.000	Cyd
0660	Reinforcement, Steel, Epoxy Coated	7060092	1,117.000	Lb
0670	_ Expansive Waterstop	7067001	54.000	Ft

0680	Joint Waterproofing	7100001	108.000	Sft
0690	_ Silane Treatment	7107010	517.000	Sft
0700	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0710	Bridge Barrier Railing, Type 4, Modified	7110030	54.000	Ft
0720	Hand Chipping, Shallow	7120003	5.000	Syd
0730	Hand Chipping, Deep	7120004	11.000	Syd
0740	Hand Chipping, Other Than Deck	7120007	15.000	Cft
0750	Adhesive Anchoring of Vertical Bar, 1/2 inch Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120032	164.000	Ea
0760	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM
0770	Patching Conc, C-L	7120112	2.000	Cyd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 047

**Letting Date:** January 4, 2019

**Contract ID:** 22021-201212

**Description:** 2.85 mi of micro-surface, chip seal, overband crack fill, micro cold milling, joint repairs and pavement markings on US-2 from Kent Street to east of the north junction of M-95 in the city of Iron Mountain, Dickinson County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201212A	1900143	N/A	NH 22021

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$67,700.00	1500001	1.000	LSUM
0020	_ Berm Grading	2057002	4.000	Sta
0030	Shoulder, CI II	3070121	275.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0050	HMA Quality Initiative	5010007	226.000	Dlr
0060	Pavt Joint and Crack Repr, Det 7	5010020	738.000	Ft
0070	Pavt Joint and Crack Repr, Det 8	5010021	185.000	Ft
0080	Hand Patching	5010025	113.000	Ton
0090	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	40,406.000	Syd
0100	Overband Crack Fill, Lane	5020003	14.580	Lnmi
0110	Micro-Surface, Single Cse, Warranty	5040020	40,406.000	Syd
0120	Micro-Surface, Warranty	5040030	64,148.000	Syd
0130	_ Seal, Single Chip, Modified	5057011	40,406.000	Syd
0140	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	514.000	Ft
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	193.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,131.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	37,553.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,042.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	620.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	37,553.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,042.000	Ft
0220	Rem Spec Mrkg	8110343	2,378.000	Sft
0230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0240	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	18.000	Ea
0250	Pavt Mrkg, Polyurea, Only	8110410	7.000	Ea
0260	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	7.000	Ea
0270	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	7,511.000	Ft

0280	Protective Ovly, Snowmobile Trail Crossing	8110550	134.000	Syd
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	29,747.000	Ft
0300	_ Traffic Control	8127051	1.000	LSUM
0310	Monument Box Adjust	8210005	1.000	Ea
0320	Protect Corners	8210020	3.000	Ea
0330	Gate Box, Adj, Case 1	8230431	3.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 048**Letting Date:** January 4, 2019**Contract ID:** 31052-131821

**Description:** 1.42 mi of hot mix asphalt overlay, gravel shoulders, centerline and shoulder corrugations and pavement markings on US-41 from Airpark Boulevard to north of Oneco Road, Houghton County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131821A	N/A	N/A	M 31052

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$60,200.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	20.000	Ton
0030	Shoulder, CI II	3070121	550.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	HMA Quality Initiative	5010007	12,596.000	Dlr
0060	Pavt for Butt Joints, Rem	5010008	1,470.000	Syd
0070	Longitudinal Joint Density Quality Initiative	5010018	35,540.000	Dlr
0080	Pavt Joint and Crack Repr, Det 7	5010020	1,704.000	Ft
0090	Pavt Joint and Crack Repr, Det 8	5010021	48.000	Ft
0100	Hand Patching	5010025	135.000	Ton
0110	HMA, 5E3	5010057	4,600.000	Ton
0120	HMA Approach	5010061	48.000	Ton
0130	HMA, LVSP	5010703	1,515.000	Ton
0140	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	4.000	Ea
0150	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,754.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,016.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,016.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,754.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,016.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	15,016.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Recessing Pavt Mrkg, Longit	8110450	18,770.000	Ft
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,930.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	2,560.000	Ft



Yellow, Temp

0280	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0300	Sign Cover	8120310	6.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,120.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,120.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Centerline Corrugations, Milled, HMA	8220013	7,508.000	Ft
0350	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	15,016.000	Ft
0360	Contractor Staking, Road Only	8240007	1.000	LSUM
0370	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0380	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0390	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 049

**Letting Date:** January 4, 2019

**Contract ID:** 58041-132582

**Description:** 4.40 mi of micro-surface with warranty, overband crack sealing and pavement repairs on M-50 from the Lenawee county line to west of Wilcox Road, Monroe County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132582A	1900158	N/A	ST 58041

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$49,300.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Shoulder, CI II	3070121	710.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	424.000	Syd
0050	Pavt Joint and Crack Repr, Det 7	5010020	26.000	Ft
0060	Pavt Joint and Crack Repr, Det 8	5010021	26.000	Ft
0070	Hand Patching	5010025	200.000	Ton
0080	Overband Crack Fill, Lane	5020003	8.800	Lnmi
0090	Micro-Surface, Warranty	5040030	98,069.000	Syd
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	47,000.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,000.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	47,000.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	140.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	140.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Mobile Attenuator	8120180	2.000	Ea
0210	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	53,000.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0240	Sign Cover	8120310	15.000	Ea
0250	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	524.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	524.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Centerline Corrugations, Milled, HMA	8220013	23,227.000	Ft
0310	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	46,454.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 050

**Letting Date:** January 4, 2019

**Contract ID:** 64015-126486

**Description:** 3.96 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repairs and pavement markings on US-31 from M-20 northerly to north of West Shelby Road, Oceana County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
126486A	1900150	N/A	NH 64015

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$149,500.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	128,661.000	Syd
0030	HMA Quality Initiative	5010007	23,388.000	Dlr
0040	Longitudinal Joint Density Quality Initiative	5010018	40,668.000	Dlr
0050	HMA, 5E10	5010058	11,484.000	Ton
0060	HMA Approach	5010061	210.000	Ton
0070	Cement	6030005	4.000	Ton
0080	Crack Sealing, Conc Pavt	6030010	220.000	Ft
0090	Joint, Contraction, Crg	6030020	350.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0110	Non-Chloride Accelerator	6030035	153.000	Gal
0120	Pavt Repr, Nonreinf Conc, 10 inch	6030048	250.000	Syd
0130	Pavt Repr, Rem	6030080	250.000	Syd
0140	Saw Cut, Intermediate	6030090	130.000	Ft
0150	Sawing and Sealing Trans Pavt Joints	6030096	220.000	Ft
0160	Resealing Trans Joints with Hot-Poured Rubber	6030100	625.000	Ft
0170	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	750.000	Ft
0180	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0190	Recessing Pavt Mrkg, Longit	8110450	148,630.000	Ft
0200	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	14,726.000	Ft
0210	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	65,999.000	Ft
0220	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	4,300.000	Ft
0230	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	63,605.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,337.000	Ea

0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,337.000	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, Longit, 6 inch or Less Width, Rem	8120210	630.000	Ft
0320	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	210.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,500.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	500.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,340.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,620.000	Ft
0370	Sign Cover	8120310	23.000	Ea
0380	Sign Cover, Type 1	8120320	10.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
0410	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
0420	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	2,242.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	2,242.000	Sft
0450	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	32.000	Sft
0460	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	32.000	Sft
0470	Contractor Staking, Road Only	8240007	1.000	LSUM
0480	Staking Plan Errors and Extras, One Person	8240020	6.000	Hr
0490	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0500	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 051

**Letting Date:** January 4, 2019

**Contract ID:** 59609-130959

**Description:** 1.48 mi of hot mix asphalt resurfacing, concrete pavement, curb and gutter, drainage, guardrail, bridge reconstruction with a 60 inch pre stressed concrete bulb-tee beam, piling, cofferdam, riprap and pavement markings on Wise Road from Youngman Road to M-91 over the Flat River, Montcalm County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130959A	1900125	N/A	HSIP 59609
132288A	1801107	N/A	STUL 59000
133056A	1900098	N/A	BRT 59000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$225,900.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	18.000	Sta
0030	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	5.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	30.000	Ea
0060	Guardrail, Rem	2040035	208.000	Ft
0070	Embankment, CIP	2050010	1,815.000	Cyd
0080	Excavation, Earth	2050016	5,900.000	Cyd
0090	Aggregate, 6A	2060001	6.000	Cyd
0100	Erosion Control, Silt Fence	2080036	2,220.000	Ft
0110	Subbase, CIP	3010002	3,033.000	Cyd
0120	Aggregate Base	3020001	3,683.000	Ton
0130	HMA Base Crushing and Shaping	3050002	24,620.000	Syd
0140	Approach, CI II	3070021	96.000	Ton
0150	Shoulder, CI II	3070121	1,894.000	Ton
0160	Geotextile, Separator	3080005	32.000	Syd
0170	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0180	Culv, CI F, 12 inch	4010607	105.000	Ft
0190	Underdrain, Subbase, 6 inch	4040063	650.000	Ft
0200	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0210	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0220	HMA Surface, Rem	5010005	5,910.000	Syd
0230	HMA, 13A	5010033	3,224.000	Ton
0240	HMA, 5E1	5010056	3,377.000	Ton
0250	HMA Approach	5010061	392.000	Ton

0260	_ HMA Spillway	5017011	26.000	Syd
0270	Conc Pavt, Bridge Approach, Reinf	6020600	86.000	Syd
0280	Curb and Gutter, Bridge Approach	8020010	75.000	Ft
0290	Curb and Gutter, Conc, Det B2	8020016	603.000	Ft
0300	Guardrail, Type B	8070000	650.000	Ft
0310	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0320	Guardrail Anchored in Backslope, Type 4B	8070036	1.000	Ea
0330	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0340	Guardrail Approach Terminal, Type 2B	8070042	2.000	Ea
0350	Guardrail Reflector	8070080	32.000	Ea
0360	Post, Mailbox	8070095	32.000	Ea
0370	Post, Steel, 3 lb	8100371	332.000	Ft
0380	Sign, Type III, Rem	8100403	16.000	Ea
0390	Sign, Type IIIB	8100405	50.000	Sft
0400	Sign, Type VB	8100425	48.000	Sft
0410	Reflective Panel for Permanent Sign Support, 3 foot	8100613	24.000	Ea
0420	Pavt Mrkg, Waterborne, 4 inch, White	8110231	15,350.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,370.000	Ft
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0460	Channelizing Device, 42 inch, Furn	8120030	25.000	Ea
0470	Channelizing Device, 42 inch, Oper	8120031	25.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0520	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0530	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0540	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	623.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	623.000	Sft
0570	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	95.000	Sft
0580	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	95.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	Riprap, Plain	8130010	62.000	Syd
0610	Site Preparation, Max \$400.00	8150001	1.000	LSUM
0620	Watering and Cultivating, First Season, Min \$200.00	8150002	1.000	LSUM
0630	Pinus strobus, 4 foot	8152869	4.000	Ea
0640	Slope Restoration, Type B	8160101	2,950.000	Syd
0650	Slope Restoration, Type C	8160102	2,540.000	Syd
0660	Contractor Staking	8240001	1.000	LSUM
0670	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0680	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr

0690	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
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**Section: 2**

0700	Structures, Rem	2040060	1.000	LSUM
0710	Backfill, Structure, CIP	2060002	1,400.000	Cyd
0720	Excavation, Fdn	2060010	2,060.000	Cyd
0730	Erosion Control, Filter Bag	2080014	4.000	Ea
0740	Erosion Control, Turbidity Curtain, Shallow	2080044	180.000	Ft
0750	Underdrain, Fdn, 4 inch	4040031	245.000	Ft
0760	Underdrain Outlet, 4 inch	4040091	30.000	Ft
0770	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0780	Joint, Expansion, E3	6020208	43.000	Ft
0790	Steel Sheet Piling, Temp	7040002	1,365.000	Sft
0800	Cofferdams	7040007	1.000	LSUM
0810	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0820	Pile Point, CIP Conc	7050025	44.000	Ea
0830	Pile, CIP Conc, Furn and Driven, 16 inch	7050026	1,328.000	Ft
0840	Test Pile, CIP Conc, 16 inch	7050027	4.000	Ea
0850	Pile, Steel, Splice	7050050	4.000	Ea
0860	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0870	Bridge Ltg, Oper and Maintain	7060002	255.000	Cyd
0880	Conc, Grade T	7060013	200.000	Cyd
0890	Expansion Joint Device	7060050	41.000	Ft
0900	False Decking	7060060	4,700.000	Sft
0910	Reinforcement, Steel, Epoxy Coated	7060092	72,873.000	Lb
0920	Substructure Conc	7060100	403.000	Cyd
0930	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0940	Superstructure Conc, Night Casting	7060113	255.000	Cyd
0950	_ Simulated Stone Masonry	7067011	314.000	Syd
0960	_ Structure Name Plate	7067050	1.000	Ea
0970	Bearing, Elastomeric, 2 inch	7070016	3,996.000	Sin
0980	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,970.000	Lb
0990	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,970.000	Lb
1000	Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch	7080130	703.000	Ft
1010	Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch	7080131	703.000	Ft
1020	Joint Waterproofing	7100001	337.000	Sft
1030	_ Silane Treatment	7107010	1,620.000	Sft
1040	Bridge Railing, 2 Tube	7110008	264.000	Ft
1050	_ Riprap, Fieldstone, Modified	8137031	396.000	Ton





**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 052

**Letting Date:** January 4, 2019

**Contract ID:** 67051-201196

**Description:** 6.43 mi of hot mix asphalt cold milling, resurfacing and pavement markings on M-115 from northwest of 20 Mile Road to the north Osceola county line, Osceola County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201196A	N/A	N/A	M 67051

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$167,600.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	50.000	Ton
0030	Shoulder, CI II	3070121	760.000	Ton
0040	Cold Milling HMA Surface	5010002	166,979.000	Syd
0050	Bump Grinding	5010004	300.000	Syd
0060	HMA Quality Initiative	5010007	37,554.000	Dlr
0070	Edge Trimming	5010009	500.000	Ft
0080	Longitudinal Joint Density Quality Initiative	5010018	33,962.000	Dlr
0090	HMA, 4E3	5010051	18,651.000	Ton
0100	HMA Approach	5010061	126.000	Ton
0110	Delineator Reflector, Green	8100133	51.000	Ea
0120	Delineator Reflector, White	8100134	70.000	Ea
0130	Delineator, Rem	8100349	105.000	Ea
0140	Post, Rigid, Delineator	8100361	121.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,463.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	41,124.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	67,924.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	6,463.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	41,124.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	67,924.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,108.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	4,744.000	Ft

Yellow, Temp				
0280	Plastic Drum, Fluorescent, Furn	8120252	254.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	254.000	Ea
0300	Sign Cover	8120310	18.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	588.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	588.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0340	Monument Box	8210001	1.000	Ea
0350	Protect Corners	8210020	1.000	Ea
0360	Centerline Corrugations, Milled, HMA	8220013	33,962.000	Ft
0370	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	45,196.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 190104 053

**Letting Date:** January 4, 2019

**Contract ID:** 78000-132962

**Description:** 0.39 mi of hot mix asphalt surfacing, concrete curb, gutter and sidewalk, storm sewer and water main on North Lakeview Avenue from US-12 (East Chicago Road) to the railroad tracks in the city of Sturgis, St. Joseph County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132962A	1900073	N/A	STUL 78000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Railroad Protection, at Grade Crossing	1027060	8,000.000	Dir
0020	Mobilization, Max \$116,300.00	1500001	1.000	LSUM
0030	Tree, Rem, 19 inch to 36 inch	2020002	9.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0070	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	10.000	Ea
0090	Dr Structure, Rem	2030011	16.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	300.000	Ft
0110	Curb and Gutter, Rem	2040020	4,200.000	Ft
0120	Pavt, Rem	2040050	7,500.000	Syd
0130	Sidewalk, Rem	2040055	1,480.000	Syd
0140	Subgrade Undercutting, Type II	2050041	750.000	Cyd
0150	_ Roadway Grading	2057002	21.000	Sta
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0170	Erosion Control, Silt Fence	2080036	400.000	Ft
0180	Subbase, CIP	3010002	3,750.000	Cyd
0190	Aggregate Base, 6 inch	3020016	90.000	Syd
0200	Aggregate Base, 8 inch	3020020	7,300.000	Syd
0210	Sewer, CI A, 12 inch, Tr Det B	4020033	210.000	Ft
0220	Sewer, CI A, 12 inch, Tr Det C	4020063	480.000	Ft
0230	Sewer, CI A, 24 inch, Tr Det C	4020066	1,155.000	Ft
0240	Sewer, CI E, 24 inch, Tr Det D	4020663	225.000	Ft
0250	Sewer Tap, 10 inch	4021203	1.000	Ea
0260	Sewer Tap, 12 inch	4021204	1.000	Ea
0270	Trench Undercut and Backfill	4021260	200.000	Cyd

0280	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0290	Dr Structure Cover, Type B	4030010	2.000	Ea
0300	Dr Structure Cover, Type K	4030050	14.000	Ea
0310	Dr Structure Cover, Type Q	4030065	1.000	Ea
0320	Dr Structure, 24 inch dia	4030200	5.000	Ea
0330	Dr Structure, 48 inch dia	4030210	11.000	Ea
0340	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0350	Dr Structure, Temp Lowering	4030390	10.000	Ea
0360	_ Dr Structure, Reconstruct	4037050	1.000	Ea
0370	_ Utility Structure Cover, Adj, Case 1	4037050	2.000	Ea
0380	Underdrain, Subbase, 6 inch	4040063	4,000.000	Ft
0390	Hand Patching	5010025	15.000	Ton
0400	HMA, 13A	5010033	1,160.000	Ton
0410	HMA, 36A	5010034	750.000	Ton
0420	_ Flowable Fill	7067021	24.000	Cyd
0430	Driveway, Nonreinf Conc, 6 inch	8010005	600.000	Syd
0440	Curb and Gutter, Conc, Det F4	8020038	3,940.000	Ft
0450	Curb Ramp Opening, Conc	8030030	260.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	3,200.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	9,500.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	4,000.000	Sft
0490	_ Detectable Warning Surface, Modified	8037001	135.000	Ft
0500	Post, Steel, 3 lb	8100371	546.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0520	Sign, Type III, Rem	8100403	40.000	Ea
0530	Sign, Type IIIA	8100404	32.000	Sft
0540	Sign, Type IIIB	8100405	85.000	Sft
0550	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,000.000	Ft
0560	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,000.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	4,000.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,000.000	Ft
0590	Rem Spec Mrkg	8110343	180.000	Sft
0600	Recessing Pavt Mrkg, Transv	8110451	670.000	Sft
0610	_ Pavt Mrkg, Preformed Hot Tape, 12 inch, Crosswalk	8117001	144.000	Ft
0620	_ Pavt Mrkg, Preformed Hot Tape, 24 inch, Stop Bar	8117001	70.000	Ft
0630	_ Pavt Mrkg, Preformed Hot Tape, 6 inch, Crosswalk	8117001	764.000	Ft
0640	_ Pavt Mrkg, Preformed Hot Tape, Bike, Small Sym	8117050	10.000	Ea
0650	_ Pavt Mrkg, Preformed Hot Tape, Directional Arrow Symbol, Bike	8117050	10.000	Ea
0660	_ Pavt Mrkg, Preformed Hot Tape, Lt Turn Arrow Sym	8117050	1.000	Ea
0670	_ Pavt Mrkg, Preformed Hot Tape, Railroad Sym	8117050	1.000	Ea
0680	_ Pavt Mrkg, Preformed Hot Tape, Thru and Rt Turn Arrow Sym	8117050	1.000	Ea
0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0700	Barricade, Type III, High Intensity, Double Sided,	8120013	16.000	Ea

	Lighted, Oper			
0710	Pedestrian Type II Barricade, Temp	8120026	28.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	400.000	Ft
0760	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0770	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0780	Sign Cover	8120310	4.000	Ea
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0810	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	45.000	Sft
0820	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	45.000	Sft
0830	Traf Regulator Control	8120370	1.000	LSUM
0840	Site Preparation, Max \$6,200.00	8150001	1.000	LSUM
0850	Watering and Cultivating, First Season, Min \$3,000.00	8150002	1.000	LSUM
0860	Watering and Cultivating, Second Season, Min \$3,800.00	8150003	1.000	LSUM
0870	Acer campestre, tree form, 2 inch	8150048	6.000	Ea
0880	Acer ginnala, 1 3/4 inch	8150060	13.000	Ea
0890	Acer rubrum, 2 inch	8150149	2.000	Ea
0900	Carpinus caroliniana, #7 cont.	8150734	5.000	Ea
0910	Cercis canadensis, tree form, 2 inch	8150808	12.000	Ea
0920	Prunus serrulata Kwanzan, 2 inch	8152952	10.000	Ea
0930	Quercus alba, 2 inch	8153031	1.000	Ea
0940	Quercus rubra, 2 inch	8153126	2.000	Ea
0950	Syringa reticulata Ivory Silk, 1 3/4 inch	8153717	11.000	Ea
0960	_ Turf Establishment	8167011	6,000.000	Syd
0970	_ Conduit Bank, DB	8197001	410.000	Ft
0980	Traf Loop	8200170	2.000	Ea
0990	Monument Box	8210001	1.000	Ea
1000	Monument Box Adjust	8210005	3.000	Ea
1010	Monument Preservation	8210010	3.000	Ea
1020	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	2,135.000	Ft
1030	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	10.000	Ft
1040	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	36.000	Ft
1050	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	165.000	Ft
1060	_ Water Service, 1 inch	8237001	1,300.000	Ft
1070	_ Bend, 45 Deg, 12 inch	8237050	14.000	Ea
1080	_ Bend, 45 Deg, 4 inch	8237050	2.000	Ea
1090	_ Bend, 45 Deg, 6 inch	8237050	4.000	Ea
1100	_ Bend, 45 Deg, 8 inch	8237050	10.000	Ea
1110	_ Bend, 90 Deg, 6 inch	8237050	3.000	Ea
1120	_ Corp Stop, Curb Stop and Box, 1 inch	8237050	42.000	Ea
1130	_ Cut and Plug Ex WM	8237050	3.000	Ea

1140	_ Fire Hydrant, Modified	8237050	3.000	Ea
1150	_ Gate Box, Rem	8237050	7.000	Ea
1160	_ Gate Valve and Box, 12 inch, Modified	8237050	8.000	Ea
1170	_ Gate Valve and Box, 6 inch, Modified	8237050	3.000	Ea
1180	_ Gate Valve and Box, 8 inch, Modified	8237050	3.000	Ea
1190	_ Gate Valve, Rem	8237050	3.000	Ea
1200	_ Gate Well, Rem, Modified	8237050	1.000	Ea
1210	_ Hydrant Rem, Modified	8237050	2.000	Ea
1220	_ Reducer, 12 inch x 8 inch	8237050	1.000	Ea
1230	_ Reducer, 8 inch x 6 inch	8237050	3.000	Ea
1240	_ Tee, 12 inch x 12 inch x 12 inch	8237050	2.000	Ea
1250	_ Tee, 12 inch x 12 inch x 6 inch	8237050	3.000	Ea
1260	_ Tee, 12 inch x 12 inch x 8 inch	8237050	3.000	Ea
1270	_ Water Main Tap, 12 inch	8237050	3.000	Ea
1280	_ Water Main Tap, 6 inch	8237050	3.000	Ea
1290	_ Water Main Tap, 8 inch	8237050	1.000	Ea
1300	_ Water Service, Connect	8237050	42.000	Ea
1310	_ Sanitary Lateral, 6 inch	8257001	40.000	Ft
1320	_ Sanitary Sewer, 8 inch	8257001	40.000	Ft
1330	_ Sanitary Lateral, Reconnect	8257050	2.000	Ea
1340	_ Sanitary Sewer Tap, 8 inch	8257050	2.000	Ea