



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 001

**Letting Date:** January 10, 2020

**Contract ID:** 82081-206745

**Description:** Traffic signal modernization, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on M-153 at Wyoming Avenue in the city of Dearborn, Wayne County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206745A	N/A	N/A	M 82081

**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 \$30,700.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	139.000	Ft
0040	Fence, Rem	2040025	50.000	Ft
0050	Pavt, Rem	2040050	29.000	Syd
0060	Sidewalk, Rem	2040055	166.000	Syd
0070	Exploratory Investigation, Vertical	2040080	30.000	Ft
0080	Excavation, Earth	2050016	27.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0110	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0120	Erosion Control, Silt Fence	2080036	25.000	Ft
0130	Subbase, LM	3010003	22.000	Cyd
0140	Aggregate Base, 6 inch	3020016	21.000	Syd
0150	Maintenance Gravel, LM	3060021	20.000	Cyd
0160	Hand Patching	5010025	8.000	Ton
0170	Conc Pavt, Nonreinf, 9 inch	6020106	21.000	Syd
0180	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0190	_ Roadside Unit, Intersection	8007050	1.000	Ea
0200	Curb and Gutter, Conc, Det F6	8020040	37.000	Ft
0210	Detectable Warning Surface	8030010	48.000	Ft
0220	Curb Ramp Opening, Conc	8030030	102.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	1,028.000	Sft
0240	Sidewalk, Conc, 4 inch	8030044	275.000	Sft
0250	Sidewalk, Conc, 6 inch	8030046	375.000	Sft
0260	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	50.000	Ft
0270	Post, Steel, 3 lb	8100371	32.000	Ft

0280	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0290	Sign, Type III, Rem	8100403	5.000	Ea
0300	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	210.000	Ft
0310	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft
0320	Rem Spec Mrkg	8110343	350.000	Sft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0350	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Mobile Attenuator	8120180	2.000	Ea
0420	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0440	Sign Cover	8120310	5.000	Ea
0450	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0470	Traf Regulator Control	8120370	1.000	LSUM
0480	Slope Restoration, Type B	8160101	78.000	Syd
0490	Conduit, DB, 1, 1 1/2 inch	8190027	15.000	Ft
0500	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
0510	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
0520	Conduit, Rem	8190140	120.000	Ft
0530	Hh, Adj	8190244	6.000	Ea
0540	Hh, Polymer Conc	8190250	2.000	Ea
0550	Hh, Rem	8190254	2.000	Ea
0560	Hh, Round, 3 foot dia	8190259	1.000	Ea
0570	Hh, Round	8190260	3.000	Ea
0580	Cable, Sec, 600V, 1, 3/C#6	8190399	15.000	Ft
0590	Conduit, Directional Bore, 3, 3 inch	8190606	200.000	Ft
0600	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0610	Case Sign, Rem	8200020	4.000	Ea
0620	Controller and Cabinet, Rem	8200030	1.000	Ea
0630	Controller Fdn, Base Mount	8200045	1.000	Ea
0640	Controller Fdn, Rem	8200046	1.000	Ea
0650	Fdn, Rem	8200065	4.000	Ea
0660	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0670	Pedestal, Alum	8200100	6.000	Ea
0680	Pedestal, Fdn	8200105	6.000	Ea
0690	Pedestal Fdn, Rem	8200106	2.000	Ea
0700	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr

0710	Pushbutton and Sign	8200121	8.000	Ea
0720	Pushbutton, Rem	8200122	4.000	Ea
0730	Pushbutton Pedestal, Rem	8200124	2.000	Ea
0740	Serv Disconnect	8200135	1.000	Ea
0750	Serv Disconnect, Rem	8200136	1.000	Ea
0760	Span Wire	8200140	4.000	Ea
0770	Span Wire, Rem	8200141	4.000	Ea
0780	Span Wire Tether	8200142	4.000	Ea
0790	Steel Pole, Rem	8200145	4.000	Ea
0800	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	4.000	Ea
0810	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
0820	Cabinet, NEMA Type	8200186	1.000	Ea
0830	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
0840	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
0850	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
0860	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0870	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0880	Hemispherical Video Detection Camera	8200444	1.000	Ea
0890	Hemispherical Video Detection System	8200445	1.000	Ea
0900	Junction Box, Span Wire	8200456	4.000	Ea
0910	Junction Box, Rem	8200457	4.000	Ea
0920	TS Face, Bag	8200458	4.000	Ea
0930	TS Face, Bag, Rem	8200459	4.000	Ea
0940	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0950	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0960	Strain Pole Fdn, 6 Bolt	8200470	78.000	Ft
0970	Casing	8200480	64.000	Ft
0980	Cellular Modem, TS, 4G	8200498	1.000	Ea
0990	Backplate, TS	8200501	14.000	Ea
1000	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1010	Contractor Staking, Road Only	8240007	1.000	LSUM
1020	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
1030	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
1040	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr
1050	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1060	Lightning Protection, Pole	8260021	1.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 002

**Letting Date:** January 10, 2020

**Contract ID:** 28000-133068

**Description:** Replacement of one 39 foot and one 45 foot prefabricated superstructures including riprap, pier repairs, approach work, concrete curb and gutter, drainage, cofferdams and guardrail on River Road over Boardman River, Grand Traverse County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133068A	20A0081	N/A	BHT 28000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$126,600.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	935.000	Ft
0030	Embankment, CIP	2050010	155.000	Cyd
0040	Excavation, Earth	2050016	570.000	Cyd
0050	Erosion Control, Silt Fence	2080036	540.000	Ft
0060	Erosion Control, Turbidity Curtain, Shallow	2080044	260.000	Ft
0070	Aggregate Base	3020001	1,961.000	Ton
0080	Underdrain, Fdn, 4 inch	4040031	566.000	Ft
0090	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0100	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0110	HMA Surface, Rem	5010005	913.000	Syd
0120	HMA, 4E1	5010050	143.000	Ton
0130	HMA, 5E1	5010056	143.000	Ton
0140	HMA Approach	5010061	20.000	Ton
0150	Conc Pavt, Bridge Approach, Reinf	6020600	276.000	Syd
0160	Curb and Gutter, Bridge Approach	8020010	173.000	Ft
0170	Guardrail, Type B	8070000	340.000	Ft
0180	Guardrail, Curved, Type B	8070010	38.000	Ft
0190	Guardrail Anch, Bridge, Det T2	8070023	8.000	Ea
0200	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0210	Guardrail Reflector	8070080	40.000	Ea
0220	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	1,130.000	Ft
0230	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	1,130.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Sign, Type B, Temp, Prismatic, Furn	8120350	477.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	477.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	261.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	261.000	Sft
0310	Riprap, Plain	8130010	40.000	Syd
0320	_ Slope Restoration, Modified	8167011	20.000	Syd

**Section: 2**

0330	Asbestos Materials, Rem and Disposal	2040001	20,000.000	Dir
0340	Excavation, Channel	2050015	190.000	Cyd
0350	_ Flexible Intermediate Bulk Container Stone Bags	2087001	140.000	Ft
0360	Cofferdams (SN 3060)	7040007	1.000	LSUM
0370	Conc, Grade D	7060010	4.000	Cyd
0380	Conc, Grade S2	7060011	8.000	Cyd
0390	Expansion Joint Device	7060050	138.000	Ft
0400	False Decking	7060060	6,272.000	Sft
0410	Reinforcement, Steel, Epoxy Coated	7060092	3,570.000	Lb
0420	Superstructure Conc	7060110	68.000	Cyd
0430	Superstructure Conc, Form, Finish, and Cure (SN 3060)	7060111	1.000	LSUM
0440	Superstructure Conc, Form, Finish, and Cure (SN 3061)	7060111	1.000	LSUM
0450	_ Bridge, Prefabricated Superstructure, 39 Foot	7067010	2,893.000	Sft
0460	_ Bridge, Prefabricated Superstructure, 45 Foot	7067010	3,338.000	Sft
0470	_ Silane Treatment	7107010	2,050.000	Sft
0480	Bridge Railing, 2 Tube	7110008	160.000	Ft
0490	Hand Chipping, Other Than Deck	7120007	50.000	Cft
0500	Patch, Forming	7120017	75.000	Sft
0510	Epoxy Ovly	7120020	672.000	Syd
0520	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	176.000	Ea
0530	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	30.000	Ea
0540	Structures, Rehabilitation, Rem Portions (SN 3060)	7120070	1.000	LSUM
0550	Structures, Rehabilitation, Rem Portions (SN 3061)	7120070	1.000	LSUM
0560	Patching Conc, C-L	7120112	4.000	Cyd
0570	Embedded Galvanic Anode	7120120	40.000	Ea
0580	_ Fiberglass Pile Jacket	7127050	5.000	Ea
0590	_ Riprap, Heavy, Modified	8137011	418.000	Syd
0600	_ Canoe Boom (SN 3060)	8507051	1.000	LSUM
0610	_ Canoe Boom (SN 3061)	8507051	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 003

**Letting Date:** January 10, 2020

**Contract ID:** 61000-202399

**Description:** Bridge rehabilitation includes removal and replacement of bituminous surface, pier repairs, replace deck joint, pedestrian railing, concrete curb and gutter, sidewalk and approach work on Lake Harbor Road over Mona Lake Channel in the city of Norton Shores, Muskegon County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202399A	2009102	N/A	BHT 61000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$18,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Guardrail, Rem	2040035	720.000	Ft
0040	Sidewalk, Rem	2040055	20.000	Syd
0050	_ Pedestrian Railing, Rem	2047001	206.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0070	_ Canoe Boom	2087051	1.000	LSUM
0080	Aggregate Base	3020001	10.000	Ton
0090	Aggregate Base, Conditioning	3020050	400.000	Syd
0100	Cold Milling HMA Surface	5010002	400.000	Syd
0110	HMA, 13A	5010033	170.000	Ton
0120	_ Sawing and Sealing Reference Joint	5017001	52.000	Ft
0130	_ HMA Surface, Rem, Mod	5017011	405.000	Syd
0140	Conc, Grade D	7060010	4.000	Cyd
0150	Expansion Joint Device	7060050	43.000	Ft
0160	Expansion Joint Device, Cover Plate	7060051	15.000	Ft
0170	False Decking	7060060	6,720.000	Sft
0180	Reinforcement, Steel, Epoxy Coated	7060092	224.000	Lb
0190	Membrane, Preformed Waterproofing	7100008	3,640.000	Sft
0200	Conc Surface Coating (SN 7703)	7100010	1.000	LSUM
0210	_ Pedestrian Railing, 42 inch	7117001	206.000	Ft
0220	Hand Chipping, Other Than Deck	7120007	20.000	Cft
0230	Patch, Forming	7120017	100.000	Sft
0240	Deck Joint, Rem	7120071	88.000	Ft
0250	Structural Crack, Repr	7120099	10.000	Ft
0260	Embedded Galvanic Anode	7120120	150.000	Ea
0270	_ Grout Repair	7127001	100.000	Ft

0280	_ Box Beam Surface Grouting	7127010	100.000	Sft
0290	_ Patching Conc, C-L, Mod	7127020	20.000	Cft
0300	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0310	Sidewalk, Conc, 6 inch	8030046	180.000	Sft
0320	Guardrail, Type B	8070000	300.000	Ft
0330	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0340	Guardrail Reflector	8070080	20.000	Ea
0350	_ Guardrail Anch, Bridge, Det T2, Mod	8077050	4.000	Ea
0360	Fence, Protective	8080007	250.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,000.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Plastic Drum, High Intensity, Furn	8120250	100.000	Ea
0420	Plastic Drum, High Intensity, Oper	8120251	100.000	Ea
0430	Sign Cover	8120310	10.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	275.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	275.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0480	Mulch Blanket	8160027	200.000	Syd
0490	_ Slope Restoration	8167011	200.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 004

**Letting Date:** January 10, 2020

**Contract ID:** 55031-130236

**Description:** Bridge rehabilitation including partial concrete deck and railing replacement, fascia t-beam replacement with 21-inch prestressed box beams, hot mix asphalt overlay and approach work on M-35 over Deer Creek, Menominee County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130236A	20A0143	N/A	ST 55031

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$25,400.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	627.000	Ft
0030	Embankment, CIP	2050010	25.000	Cyd
0040	Excavation, Earth	2050016	163.000	Cyd
0050	Erosion Control, Silt Fence	2080036	240.000	Ft
0060	Subbase, CIP	3010002	82.000	Cyd
0070	Aggregate Base	3020001	70.000	Ton
0080	Shoulder, CI II	3070121	20.000	Ton
0090	Trenching	3070200	6.000	Sta
0100	Cold Milling HMA Surface	5010002	538.000	Syd
0110	HMA Surface, Rem	5010005	319.000	Syd
0120	HMA Quality Initiative	5010007	480.000	Dlr
0130	Longitudinal Joint Density Quality Initiative	5010018	1,555.000	Dlr
0140	Hand Patching	5010025	5.000	Ton
0150	HMA, 3E3	5010045	43.000	Ton
0160	HMA, 4E3	5010051	88.000	Ton
0170	HMA, 5E3	5010057	104.000	Ton
0180	Curb and Gutter, Bridge Approach	8020010	68.000	Ft
0190	Guardrail, Type MGS-8	8070004	251.000	Ft
0200	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0210	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0220	Guardrail Reflector	8070080	26.000	Ea
0230	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0240	_ Guardrail Anch Bridge, Det M1, Modified	8077050	1.000	Ea
0250	Fdn, Wood Support, Rem	8100280	1.000	Ea
0260	Post, Steel, 3 lb	8100371	78.000	Ft
0270	Sign, Type III, Erect, Salv	8100402	1.000	Ea



0280	Sign, Type III, Rem	8100403	5.000	Ea
0290	Sign, Type IIIB	8100405	12.000	Sft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	227.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	618.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	227.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	618.000	Ft
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0360	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
0370	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
0380	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	1.000	Ea
0390	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
0400	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
0410	Conc Barrier Ending, Temp, Detail 5, Relocated	8120063	1.000	Ea
0420	Conc Barrier, Temp, Adj	8120080	340.000	Ft
0430	Conc Barrier, Temp, Furn	8120081	390.000	Ft
0440	Conc Barrier, Temp, Oper	8120082	390.000	Ft
0450	Conc Barrier, Temp, Relocated	8120083	50.000	Ft
0460	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0470	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0480	Minor Traf Devices	8120170	1.000	LSUM
0490	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,170.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0520	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0530	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0550	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0560	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	Slope Restoration, Type B	8160101	200.000	Syd
0610	Centerline Corrugations, Milled, HMA	8220013	182.000	Ft
0620	Contractor Staking	8240001	1.000	LSUM
0630	Staking Plan Errors and Extras, One Person	8240020	3.000	Hr
0640	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0650	Staking Plan Errors and Extras, Three Person	8240022	2.000	Hr

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**Section: 2**

0660	Backfill, Structure, CIP	2060002	18.000	Cyd
0670	Excavation, Fdn	2060010	53.000	Cyd

0680	HMA Approach	5010061	42.000	Ton
0690	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0700	Bridge Ltg, Oper and Maintain	7060002	14.000	Cyd
0710	False Decking	7060060	1,030.000	Sft
0720	Reinforcement, Steel, Epoxy Coated	7060092	4,000.000	Lb
0730	Substructure Conc	7060100	1.000	Cyd
0740	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0750	Superstructure Conc, Night Casting	7060113	14.000	Cyd
0760	Bearing, Elastomeric, 1 inch	7070012	528.000	Sin
0770	Prest Conc Box Beam, Furn, 21 inch	7080061	57.000	Ft
0780	Prest Conc Box Beam, Erect, 21 inch	7080062	57.000	Ft
0790	Joint Waterproofing	7100001	214.000	Sft
0800	Membrane, Preformed Waterproofing	7100008	1,020.000	Sft
0810	Bridge Railing, Aesthetic Parapet Tube, Det 2	7110033	55.000	Ft
0820	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	16.000	Ea
0830	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	42.000	Ea
0840	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	4.000	Ea
0850	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	32.000	Ea
0860	Structures, Rehabilitation, Rem Portions (B02 of 55031)	7120070	1.000	LSUM

**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 005**Letting Date:** January 10, 2020**Contract ID:** 58000-203473

**Description:** 0.60 mi of hot mix asphalt surfacing, concrete culverts, sewer, drainage, guardrail, sign upgrades and pavement markings on various routes, Monroe 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
203473A	20A0012	N/A	HRRR 58000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$24,200.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.500	Acre
0030	Tree, Rem, 37 inch or Larger	2020003	11.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0070	_ Drainage Structure, Rem	2037050	1.000	Ea
0080	Pavt, Rem	2040050	180.000	Syd
0090	_ Headwall, Rem	2047050	6.000	Ea
0100	Embankment, CIP	2050010	387.000	Cyd
0110	Excavation, Earth	2050016	68.000	Cyd
0120	Erosion Control, Silt Fence	2080036	450.000	Ft
0130	Aggregate Base, 12 inch	3020030	140.000	Syd
0140	Shoulder, CI II	3070121	70.000	Ton
0150	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0160	Culv, CI E, 60 inch	4010548	56.000	Ft
0170	Culv, CI F, 15 inch	4010608	72.000	Ft
0180	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	1.000	Ea
0190	Culv, Slp End Sect, 1 on 6, 60 inch, Longit	4010969	2.000	Ea
0200	Sewer, CI A, 15 inch, Tr Det A	4020005	8.000	Ft
0210	Sewer, CI E, 30 inch, Tr Det B	4020604	56.000	Ft
0220	_ Sewer, PVC	4027001	10.000	Ft
0230	Dr Structure Cover, Type G	4030040	2.000	Ea
0240	Dr Structure, 48 inch dia	4030210	1.000	Ea
0250	Dr Structure, 72 inch dia	4030230	1.000	Ea
0260	Pavt for Butt Joints, Rem	5010008	30.000	Syd
0270	Hand Patching	5010025	107.000	Ton

0280	HMA Approach	5010061	10.000	Ton
0290	HMA, LVSP	5010703	600.000	Ton
0300	Guardrail, Type MGS-8	8070004	130.000	Ft
0310	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0320	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0330	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0340	Guardrail Reflector	8070080	40.000	Ea
0350	Guardrail Post, Furn and Install, 84 inch	8070102	36.000	Ea
0360	_ Guardrail Long Span, DET MGS-1	8077050	2.000	Ea
0370	_ Post, Mailbox, Relocate	8077050	9.000	Ea
0380	Post, Steel, 3 lb	8100371	710.000	Ft
0390	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0400	Sign, Type III, Rem	8100403	34.000	Ea
0410	Sign, Type IIIA	8100404	20.000	Sft
0420	Sign, Type IIIB	8100405	248.000	Sft
0430	Reflective Panel for Permanent Sign Support, 6 foot	8100616	36.000	Ea
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,500.000	Ft
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0470	Channelizing Device, 42 inch, Furn	8120030	20.000	Ea
0480	Channelizing Device, 42 inch, Oper	8120031	20.000	Ea
0490	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0500	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Sign, Type B, Temp, Prismatic, Furn	8120350	532.000	Sft
0530	Sign, Type B, Temp, Prismatic, Oper	8120351	532.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Slope Restoration, Type D	8160103	725.000	Syd



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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 006

**Letting Date:** January 10, 2020

**Contract ID:** 13000-207221

**Description:** 4.56 mi of tree and brush removal along Banfield Road from M-37 to Base Line Road, on N Drive North from 12 Mile Road to 14 Mile Road and on S Drive South from 1 1/2 Mile Road to M-66, Calhoun County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207221A	20A0077	N/A	HRRR 13000
207223A	20A0078	N/A	HRRR 13000
207349A	20A0079	N/A	HSIP 13000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$4,300.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	364.000	Sta
0030	Channelizing Device, 42 inch, Furn	8120030	40.000	Ea
0040	Channelizing Device, 42 inch, Oper	8120031	40.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	544.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	544.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0110	Slope Restoration, Type B	8160101	500.000	Syd



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### Schedule of Pay Items

Report v1

**Letting Call:** 200110 007

**Letting Date:** January 10, 2020

**Contract ID:** 75000-207203

**Description:** 16.50 mi of centerline rumble strips and pavement markings on County Road 437 from County Road 442 to Rams Dam Road and on County Road 498 from M-77 to the easterly Schoolcraft county line, Schoolcraft County. This is a Local Agency project.

#### Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207203A	20A0008	N/A	HSIP 75000

#### List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$8,500.00	1500001	1.000	LSUM
0020	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	108,900.000	Ft
0030	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	108,900.000	Ft
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	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0090	Traf Regulator Control	8120370	1.000	LSUM
0100	_ Pilot Car, Corrugations	8127051	1.000	LSUM
0110	Centerline Corrugations, Milled, HMA	8220013	87,150.000	Ft



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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 008**Letting Date:** January 10, 2020**Contract ID:** 77147-133415**Description:** 2.83 mi of single course micro-surfacing, rut-filling and pavement markings on Range Road from Davis Road to Carney Drive, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133415A	20A0019	N/A	STU 77147

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$31,900.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Micro-Surface, Rutfilling	5040005	523.000	Ton
0040	Micro-Surface, Single Cse	5040010	48,543.000	Syd
0050	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0060	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	954.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,417.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	29,900.000	Ft
0130	Rem Spec Mrkg	8110343	710.000	Sft
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign Cover	8120310	6.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	292.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	292.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 009

**Letting Date:** January 10, 2020

**Contract ID:** 63000-205947

**Description:** 0.54 mi of concrete pavement, repairs, curb, gutter, sidewalk and ramps, hot mix asphalt cold milling and resurfacing, aggregate base, drainage, signals and pavement markings on Civic Center Drive from Lahser Road to Northwestern Highway in the city of Southfield, Oakland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205947A	20A0043	N/A	STU 63000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$150,000.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,250.000	Ft
0040	Pavt, Rem	2040050	6,583.000	Syd
0050	Sidewalk, Rem	2040055	156.000	Syd
0060	Embankment, CIP	2050010	474.000	Cyd
0070	Excavation, Earth	2050016	2,862.000	Cyd
0080	_ Subgrade Undercut and Refill, 21AA, Limestone	2057021	1,000.000	Cyd
0090	_ Exploratory Investigation	2057050	10.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	33.000	Ea
0110	Erosion Control, Silt Fence	2080036	250.000	Ft
0120	Aggregate Base	3020001	100.000	Ton
0130	Aggregate Base, 4 inch	3020010	2,002.000	Syd
0140	Aggregate Base, 6 inch	3020016	2,800.000	Syd
0150	Aggregate Base, 8 inch	3020020	6,517.000	Syd
0160	Maintenance Gravel	3060020	300.000	Ton
0170	Sewer, Cl A, 12 inch, Tr Det B	4020033	60.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	60.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0200	Dr Structure Cover, Type B	4030010	9.000	Ea
0210	Dr Structure Cover, Type D	4030025	2.000	Ea
0220	Dr Structure Cover, Type K	4030050	17.000	Ea
0230	Dr Structure Lead, Cleaning, 12 inch	4030112	100.000	Ft
0240	Dr Structure, 24 inch dia	4030200	1.000	Ea
0250	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0260	Dr Structure, Cleaning	4030290	5.000	Ea
0270	Dr Structure, Tap, 6 inch	4030306	6.000	Ea



0280	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0290	_ Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	3.000	Ea
0300	_ Sanitary Structure Cover	4037050	2.000	Ea
0310	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	1,935.000	Ft
0320	Pavt, Cleaning	5010001	1.000	LSUM
0330	HMA Surface, Rem	5010005	1,941.000	Syd
0340	Pavt for Butt Joints, Rem	5010008	67.000	Syd
0350	Pavt Joint and Crack Repr, Det 7	5010020	720.000	Ft
0360	Hand Patching	5010025	79.000	Ton
0370	HMA, 4E3	5010051	166.000	Ton
0380	HMA, 5E3	5010057	125.000	Ton
0390	HMA Approach	5010061	130.000	Ton
0400	HMA, LVSP	5010703	13.000	Ton
0410	Joint, Contraction, Cp	6020200	4,677.000	Ft
0420	Joint, Expansion, E3	6020208	4.000	Ft
0430	Joint, Plane-of-Weakness, W	6020211	244.000	Ft
0440	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 9 inch, Modified	6027011	1,846.000	Syd
0450	_ Cont Pavt with Integral Curb, Nonreinf, 9 inch, Modified	6027011	4,409.000	Syd
0460	Crack Sealing, Conc Pavt	6030010	150.000	Ft
0470	Cold Milling Conc Pavt	6030014	1,435.000	Syd
0480	Joint, Contraction, Crg	6030020	1,325.000	Ft
0490	Lane Tie, Epoxy Anchored	6030030	2,209.000	Ea
0500	_ Full Depth Conc Centerline, Repr	6037001	940.000	Ft
0510	_ Pavt Repr with or without Curb, Nonreinf Conc, 10 inch	6037011	51.000	Syd
0520	_ Pavt Repr with or without Curb, Nonreinf Conc, 9 inch	6037011	1,409.000	Syd
0530	_ Pavt Repr, Rem, Modified	6037011	1,463.000	Syd
0540	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	1,286.000	Syd
0550	Curb and Gutter, Bridge Approach	8020010	44.000	Ft
0560	Curb and Gutter, Conc, Det F2	8020036	734.000	Ft
0570	Driveway Opening, Conc, Det M	8020050	1,360.000	Ft
0580	_ Curb and Gutter, Conc, Repair	8027001	360.000	Ft
0590	Curb Ramp Opening, Conc	8030030	56.000	Ft
0600	Sidewalk Ramp, Conc, 6 inch	8030036	409.000	Sft
0610	Sidewalk, Conc, 4 inch	8030044	11,255.000	Sft
0620	Sidewalk, Conc, 6 inch	8030046	934.000	Sft
0630	Sidewalk, Conc, 8 inch	8030048	1,863.000	Sft
0640	_ Detectable Warning Surface, Modified	8037001	45.000	Ft
0650	Shared use Path, HMA	8060040	11.000	Ton
0660	Guardrail, Type B	8070000	25.000	Ft
0670	Guardrail, Type T	8070002	25.000	Ft
0680	Guardrail, Reconst, Type B	8070105	59.000	Ft
0690	Guardrail, Reconst, Type T	8070109	63.000	Ft

0700	Post, Steel, 3 lb	8100371	232.000	Ft
0710	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0720	Sign, Type III, Rem	8100403	11.000	Ea
0730	Sign, Type IIIA	8100404	13.000	Sft
0740	Sign, Type IIIB	8100405	53.000	Sft
0750	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	374.000	Ft
0760	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	78.000	Ft
0770	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0780	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	475.000	Ft
0790	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,000.000	Ft
0800	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	230.000	Ft
0810	Recessing Pavt Mrkg, Longit	8110450	12,705.000	Ft
0820	Recessing Pavt Mrkg, Transv	8110451	452.000	Sft
0830	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0840	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0850	Channelizing Device, 42 inch, Furn	8120030	250.000	Ea
0860	Channelizing Device, 42 inch, Oper	8120031	250.000	Ea
0870	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0880	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0890	Minor Traf Devices	8120170	1.000	LSUM
0900	Mobile Attenuator	8120180	1.000	Ea
0910	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	805.000	Ft
0920	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,200.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,600.000	Ft
0940	Sign Cover	8120310	25.000	Ea
0950	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0960	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0970	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0980	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0990	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
1000	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
1010	Traf Regulator Control	8120370	1.000	LSUM
1020	_ Maintaining Water Sprinkler System	8157050	6.000	Ea
1030	_ Surface Restoration, Hydroseed	8167011	6,310.000	Syd
1040	Conduit, DB, 1, 1 1/4 inch	8190026	100.000	Ft
1050	Conduit, DB, 1, 3 inch	8190029	100.000	Ft
1060	Hh, Adj	8190244	1.000	Ea
1070	Hh, Rem	8190254	1.000	Ea
1080	Hh, Round	8190260	2.000	Ea
1090	Conduit, Directional Bore, 1, 4 inch	8190603	65.000	Ft

1100	Pedestal, Alum	8200100	3.000	Ea
1110	Pedestal, Fdn	8200105	3.000	Ea
1120	Pedestal Fdn, Rem	8200106	1.000	Ea
1130	Pedestal, Rem	8200110	1.000	Ea
1140	Traf Loop	8200170	4.000	Ea
1150	TS, 4th Level Arrow, Rem	8200176	1.000	Ea
1160	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1170	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
1180	TS, 4th Level, LTGA (LED)	8200329	1.000	Ea
1190	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1200	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
1210	TS Face, Bag	8200458	7.000	Ea
1220	TS Face, Bag, Rem	8200459	7.000	Ea
1230	_ Mast Arm Connection Bolt Replacement	8207050	4.000	Ea
1240	Monument Box Adjust	8210005	10.000	Ea
1250	_ Gate Well Cover, Adj, Case 1	8237050	3.000	Ea
1260	_ Gate Well Cover, Adj, Case 2	8237050	2.000	Ea
1270	_ Water Shutoff, Adj	8237050	5.000	Ea
1280	_ Reimbursed Permit Fees	8507060	5,000.000	Dir



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 010

**Letting Date:** January 10, 2020

**Contract ID:** 47082-132613

**Description:** 0.69 mi of hot mix asphalt pavement widening for a center left turn lane including cold milling and resurfacing, signing, traffic signal modernization and pavement markings on M-59 from Cullen Road to Hartland Woods Drive, Livingston County. This project includes a 5 year and a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132613A	20A0149	N/A	HSIP 47082

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$178,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.640	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	11.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0070	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0080	Dr Structure, Rem	2030011	2.000	Ea
0090	Sewer, Rem, Less than 24 inch	2030015	74.000	Ft
0100	Curb and Gutter, Rem	2040020	577.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0120	Pavt, Rem	2040050	1,266.000	Syd
0130	Sidewalk, Rem	2040055	126.000	Syd
0140	Exploratory Investigation, Vertical	2040080	46.000	Ft
0150	Ditch Cleanout	2050006	11.000	Sta
0160	Embankment, CIP	2050010	908.000	Cyd
0170	Excavation, Earth	2050016	11,741.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0200	_ Out of Service Pipeline, Rem, 2 inch to 10 inch	2057001	475.000	Ft
0210	Erosion Control, Check Dam, Stone	2080012	578.000	Ft
0220	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0230	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	1.000	Ea
0240	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	15.000	Cyd
0260	Erosion Control, Sediment Trap	2080034	31.000	Ea

0270	Erosion Control, Silt Fence	2080036	990.000	Ft
0280	Project Cleanup	2090001	1.000	LSUM
0290	Subbase, CIP	3010002	4,975.000	Cyd
0300	Aggregate Base, 6 inch	3020016	7,447.000	Syd
0310	Open-Graded Dr Cse, CIP	3030030	24.000	Cyd
0320	Maintenance Gravel, LM	3060021	30.000	Cyd
0330	Shoulder, CI II, LM	3070123	16.000	Cyd
0340	Shoulder, CI II, 7 inch	3070129	707.000	Syd
0350	Culv End Sect, 12 inch	4010012	19.000	Ea
0360	Culv End Sect, Grate	4010083	102.000	Lb
0370	Culv, CI A, 12 inch	4010131	260.000	Ft
0380	Culv, CI A, Conc, 24 inch	4010168	18.000	Ft
0390	Culv, CI A, Conc, 36 inch	4010170	11.000	Ft
0400	Culv, CI F, 12 inch	4010607	228.000	Ft
0410	Culv, CI F, 18 inch	4010609	36.000	Ft
0420	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0430	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	1.000	Ea
0440	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0450	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0460	Dr Marker Post	4011109	19.000	Ea
0470	Outfall Label	4011115	6.000	Ea
0480	Sewer, CI A, 12 inch, Tr Det B	4020033	48.000	Ft
0490	Video Taping Sewer and Culv Pipe	4021275	601.000	Ft
0500	_ Video Inspection of Sanitary Sewers	4027051	1.000	LSUM
0510	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0520	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0530	Dr Structure Cover, Type B	4030010	1.000	Ea
0540	Dr Structure Cover, Type J	4030045	3.000	Ea
0550	Dr Structure Lead, Cleaning, 36 inch	4030136	79.000	Ft
0560	Dr Structure, 24 inch dia	4030200	1.000	Ea
0570	Dr Structure, 48 inch dia	4030210	3.000	Ea
0580	Underdrain, Subbase, 6 inch	4040063	3,565.000	Ft
0590	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0600	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	466.000	Ft
0610	Underdrain Outlet, 6 inch	4040093	314.000	Ft
0620	Underdrain, Outlet Ending, 6 inch	4040113	15.000	Ea
0630	_ Underdrain, Outlet Ending, 10 inch	4047050	1.000	Ea
0640	Pavt, Cleaning	5010001	1.000	LSUM
0650	Cold Milling HMA Surface	5010002	17,316.000	Syd
0660	HMA Surface, Rem	5010005	3,980.000	Syd
0670	HMA Quality Initiative	5010007	8,256.000	Dir
0680	Longitudinal Joint Density Quality Initiative	5010018	14,300.000	Dir
0690	Pavt Joint and Crack Repr, Det 7	5010020	1,316.000	Ft
0700	Pavt Joint and Crack Repr, Det 8	5010021	371.000	Ft
0710	Hand Patching	5010025	118.000	Ton

0720	HMA, 3E3	5010045	902.000	Ton
0730	HMA, 4E3	5010051	517.000	Ton
0740	HMA, 5E3	5010057	1,701.000	Ton
0750	HMA Approach	5010061	890.000	Ton
0760	HMA, Temp Pavt (5E3)	5010806	67.000	Ton
0770	_ Pedestrian Path, Temp	8007001	250.000	Ft
0780	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0790	_ Pedestrian Ramp, Temp	8007050	8.000	Ea
0800	_ Roadside Unit, Intersection	8007050	1.000	Ea
0810	Curb and Gutter, Conc, Det B2	8020016	489.000	Ft
0820	Driveway Opening, Conc, Det M	8020050	192.000	Ft
0830	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0840	Spillway, Conc	8020075	16.000	Ft
0850	Detectable Warning Surface	8030010	80.000	Ft
0860	Curb Ramp Opening, Conc	8030030	38.000	Ft
0870	Sidewalk Ramp, Conc, 6 inch	8030036	1,572.000	Sft
0880	Sidewalk, Conc, 4 inch	8030044	2,922.000	Sft
0890	Delineator Reflector, Green	8100133	6.000	Ea
0900	Post, Rigid, Delineator	8100361	6.000	Ea
0910	Post, Steel, 3 lb	8100371	220.000	Ft
0920	Sign, Type III, Rem	8100403	15.000	Ea
0930	Sign, Type IIIA	8100404	40.000	Sft
0940	Sign, Type IIIB	8100405	29.000	Sft
0950	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	175.000	Ft
0960	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	128.000	Ft
0970	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	86.000	Ft
0980	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0990	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1000	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	52.000	Ft
1010	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,080.000	Ft
1020	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	6,290.000	Ft
1030	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1040	Recessing Pavt Mrkg, Longit	8110450	15,422.000	Ft
1050	Recessing Pavt Mrkg, Transv	8110451	172.000	Sft
1060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
1070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
1080	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
1090	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
1100	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	3.000	Ea
1110	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	3.000	Ea
1120	Conc Barrier, Temp, Adj	8120080	1,200.000	Ft
1130	Conc Barrier, Temp, Furn	8120081	1,500.000	Ft
1140	Conc Barrier, Temp, Oper	8120082	1,500.000	Ft

1150	Delineator, Flexible, Temp, Furn	8120091	30.000	Ea
1160	Delineator, Flexible, Temp, Oper	8120092	30.000	Ea
1170	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1180	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1190	Minor Traf Devices	8120170	1.000	LSUM
1200	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	7,200.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	13,900.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,000.000	Ft
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,757.000	Ft
1240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,650.000	Ft
1250	Plastic Drum, Fluorescent, Furn	8120252	90.000	Ea
1260	Plastic Drum, Fluorescent, Oper	8120253	90.000	Ea
1270	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	25.000	Ft
1280	Sign Cover	8120310	10.000	Ea
1290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1310	Sign, Type B, Temp, Prismatic, Furn	8120350	633.000	Sft
1320	Sign, Type B, Temp, Prismatic, Oper	8120351	633.000	Sft
1330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	76.000	Sft
1340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	76.000	Sft
1350	Traf Regulator Control	8120370	1.000	LSUM
1360	Riprap, Plain	8130010	257.000	Syd
1370	Site Preparation, Max \$500.00	8150001	1.000	LSUM
1380	Watering and Cultivating, First Season, Min \$300.00	8150002	1.000	LSUM
1390	Watering and Cultivating, Second Season, Min \$500.00	8150003	1.000	LSUM
1400	Picea abies, 6 foot	8152742	6.000	Ea
1410	_ Growing Medium	8157021	110.000	Cyd
1420	_ Boulder, Relocate	8157050	6.000	Ea
1430	Slope Restoration, Type B	8160101	19,964.000	Syd
1440	Slope Restoration, Type C	8160102	3,994.000	Syd
1450	Cable Pole, TS, Disman	8190010	2.000	Ea
1460	Conduit, DB, 1, 1 1/2 inch	8190027	60.000	Ft
1470	Conduit, DB, 3, 3 inch	8190035	35.000	Ft
1480	Conduit, DB, 4, 3 inch	8190038	15.000	Ft
1490	Conduit, Rem	8190140	120.000	Ft
1500	Hh, Polymer Conc	8190250	2.000	Ea
1510	Hh, Rem	8190254	2.000	Ea
1520	Hh, Round, 3 foot dia	8190259	1.000	Ea
1530	Hh, Round	8190260	3.000	Ea

1540	Cable, Sec, 600V, 1, 3/C#6	8190399	60.000	Ft
1550	Conduit, Directional Bore, 1, 3 inch	8190602	55.000	Ft
1560	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
1570	Case Sign, Rem	8200020	1.000	Ea
1580	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
1590	Controller and Cabinet, Rem	8200030	1.000	Ea
1600	Controller Fdn, Base Mount	8200045	1.000	Ea
1610	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1620	Pedestal, Fdn	8200105	1.000	Ea
1630	Pedestal Fdn, Rem	8200106	3.000	Ea
1640	Pedestal, Rem	8200110	3.000	Ea
1650	Power Co. (Est. Cost to Contractor)	8200116	4,500.000	Dir
1660	Pushbutton and Sign	8200121	2.000	Ea
1670	Pushbutton, Rem	8200122	4.000	Ea
1680	Pushbutton Pedestal, Alum	8200123	1.000	Ea
1690	Serv Disconnect	8200135	1.000	Ea
1700	Serv Disconnect, Rem	8200136	1.000	Ea
1710	Span Wire	8200140	3.000	Ea
1720	Span Wire, Rem	8200141	1.000	Ea
1730	Span Wire Tether	8200142	3.000	Ea
1740	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1750	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
1760	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1770	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1780	Cabinet, NEMA Type	8200186	1.000	Ea
1790	TS, One Way Span Wire Mtd (LED)	8200313	6.000	Ea
1800	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1810	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
1820	Wireless Interchn, Closed Loop, Rem	8200396	1.000	Ea
1830	Wireless Vehicle Detection System	8200422	1.000	Ea
1840	Wireless Vehicle Sensor Node	8200425	5.000	Ea
1850	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
1860	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1870	Strain Pole Fdn, 6 Bolt	8200470	64.000	Ft
1880	Casing	8200480	50.000	Ft
1890	Cellular Modem, TS, 4G	8200498	1.000	Ea
1900	Backplate, TS	8200501	6.000	Ea
1910	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1920	Monument Box Adjust	8210005	2.000	Ea
1930	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	3,043.000	Ft
1940	Gate Box, Adj, Case 2	8230432	3.000	Ea
1950	_ Hydrant, Adj	8237050	3.000	Ea
1960	_ Water Main Conflict, 12 inch	8237050	3.000	Ea



1970	Contractor Staking, Road Only	8240007	1.000	LSUM
1980	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
1990	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
2000	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
2010	Lightning Protection, Pole	8260021	1.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 011

**Letting Date:** January 10, 2020

**Contract ID:** 46082-204092

**Description:** 2.85 mi of preventive maintenance, double chip seal, warranty, with shoulder gravel and pavement markings on M-50 from Gripton Road to County Line Highway in the village of Britton, Lenawee County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204092A	20A0167	N/A	ST 46082

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$32,000.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0030	Shoulder, CI II	3070121	750.000	Ton
0040	Pavt, Cleaning	5010001	1.000	LSUM
0050	Overband Crack Fill, Lane	5020003	5.690	Lnmi
0060	Chip Seal, Double, Warranty	5050020	66,033.000	Syd
0070	Reflective Panel for Permanent Sign Support, 6 foot	8100616	32.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,770.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	30,160.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,770.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	30,160.000	Ft
0120	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	305.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	305.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0200	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,208.000	Ea
0210	Sign Cover	8120310	5.000	Ea
0220	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0230	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	500.000	Sft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM



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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 012

**Letting Date:** January 10, 2020

**Contract ID:** 84911-127585

**Description:** Application of pavement markings on US-2, US-41 and I-75BS at various locations, Iron, Houghton, Marquette and Chippewa Counties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
127585A	20A0163	N/A	HSIP 84911

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$13,700.00	1500001	1.000	LSUM
0020	Recessing Pavt Mrkg, Longit	8110450	22,586.000	Ft
0030	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, White	8110510	19,567.000	Ft
0040	Pavt Mrkg, Wet Retrflec Modified Urethane, 6 inch, White	8110511	26,090.000	Ft
0050	Pavt Mrkg, Wet Retrflec Modified Urethane, 8 inch, White	8110512	50.000	Ft
0060	Pavt Mrkg, Wet Retrflec Modified Urethane, 12 inch, White	8110513	1,060.000	Ft
0070	Pavt Mrkg, Wet Retrflec Modified Urethane, 4 inch, Yellow	8110514	51,302.000	Ft
0080	Pavt Mrkg, Wet Retrflec Modified Urethane, 6 inch, Yellow	8110515	8,072.000	Ft
0090	_ Scarification, for Modified Urethane Longit Mrkg	8117001	77,025.000	Ft
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	9,530.000	Ft
0120	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft

**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 013**Letting Date:** January 10, 2020**Contract ID:** 11014-207872

**Description:** 0.01 mi of box culvert replacement, weigh station reconstruction, drainage, signing, lighting and pavement markings on I-94 over Squaw Creek, Berrien County. This project includes a 5 year materials and workmanship pavement warranty. This is a PDF pilot project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207872A	20A0162	N/A	IM 11014

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$967,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0040	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Culv, End, Rem, Over 48 inch	2030007	2.000	Ea
0070	Dr Structure, Rem	2030011	1.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	515.000	Ft
0090	Conc Barrier, Rem	2040010	375.000	Ft
0100	Guardrail, Rem	2040035	393.000	Ft
0110	Masonry and Conc Structure, Rem	2040045	30.000	Cyd
0120	Pavt, Rem	2040050	18,209.000	Syd
0130	Sidewalk, Rem	2040055	339.000	Syd
0140	Backfill, Swamp	2050001	100.000	Cyd
0150	Embankment, CIP	2050010	2,822.000	Cyd
0160	Excavation, Earth	2050016	62,481.000	Cyd
0170	Excavation, Peat	2050017	100.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0200	Backfill, Structure, CIP	2060002	8,000.000	Cyd
0210	Excavation, Fdn	2060010	16,270.000	Cyd
0220	Obliterate Old Road	2070001	36.000	Sta
0230	Erosion Control, Check Dam, Stone	2080012	128.000	Ft
0240	Erosion Control, Filter Bag	2080014	6.000	Ea
0250	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0260	Erosion Control, Gravel Filter Berm	2080018	48.000	Ft
0270	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea

0280	Erosion Control, Inlet Protection, Sediment Trap	2080024	12.000	Ea
0290	Erosion Control, Maintenance, Sediment Removal	2080026	30.000	Cyd
0300	Erosion Control, Sand Bag	2080028	508.000	Ea
0310	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0320	Erosion Control, Turbidity Curtain, Shallow	2080044	75.000	Ft
0330	_ Permeable Runoff Structure	2087001	128.000	Ft
0340	Subbase, CIP	3010002	11,837.000	Cyd
0350	Aggregate Base, 6 inch	3020016	45,838.000	Syd
0360	Shoulder, CI II, 6 inch, Temp	3070183	994.000	Syd
0370	_ Shoulder, CI II, 12 inch	3077011	1,958.000	Syd
0380	Geotextile, Separator	3080005	4,170.000	Syd
0390	Geotextile, Stabilization	3080010	500.000	Syd
0400	Culv End Sect, 12 inch	4010012	2.000	Ea
0410	Culv End Sect, 36 inch	4010036	1.000	Ea
0420	Culv, CI A, 12 inch	4010131	613.000	Ft
0430	Culv, CI A, 15 inch	4010132	299.000	Ft
0440	Culv, CI A, 18 inch	4010133	267.000	Ft
0450	Culv, CI A, 30 inch	4010135	235.000	Ft
0460	Culv, CI A, 36 inch	4010136	24.000	Ft
0470	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0480	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	2.000	Ea
0490	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	1.000	Ea
0500	Outfall Label	4011115	1.000	Ea
0510	Sewer, CI A, 12 inch, Tr Det B	4020033	72.000	Ft
0520	Sewer, CI A, 15 inch, Tr Det B	4020034	16.000	Ft
0530	Sewer Tap, 15 inch	4021205	1.000	Ea
0540	Sewer Bulkhead, 72 inch	4021243	1.000	Ea
0550	_ Slotted Drain, Galv, 12 inch, Temp	4027001	690.000	Ft
0560	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0570	Dr Structure Cover, Type B	4030010	2.000	Ea
0580	Dr Structure Cover, Type G	4030040	6.000	Ea
0590	Dr Structure Cover, Type J	4030045	8.000	Ea
0600	Dr Structure, 48 inch dia	4030210	13.000	Ea
0610	Dr Structure, 60 inch dia	4030220	2.000	Ea
0620	Dr Structure, 72 inch dia	4030230	1.000	Ea
0630	Underdrain, Fdn, 4 inch	4040031	2,240.000	Ft
0640	Underdrain, Subgrade, 4 inch	4040071	200.000	Ft
0650	Underdrain Outlet, 4 inch	4040091	115.000	Ft
0660	Underdrain, Outlet Ending, 4 inch	4040111	7.000	Ea
0670	Culv Bedding, Box Culv	4060005	1,840.000	Cyd
0680	_ Culv, Precast Conc Box, 22 foot x 10 foot	4067001	520.000	Ft
0690	Cold Milling HMA Surface	5010002	12,625.000	Syd
0700	HMA Surface, Rem	5010005	9,088.000	Syd
0710	HMA Quality Initiative	5010007	2,840.000	Dlr
0720	Pavt for Butt Joints, Rem	5010008	2,252.000	Syd

0730	Longitudinal Joint Density Quality Initiative	5010018	1,500.000	Dir
0740	HMA, 4E3	5010051	125.000	Ton
0750	HMA Approach	5010061	1,295.000	Ton
0760	HMA, Temp Pavt (3E3)	5010804	1,407.000	Ton
0770	HMA, Temp Pavt (4E3)	5010805	804.000	Ton
0780	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	756.000	Syd
0790	Conc Pavt, Nonreinf, 12 inch	6020112	7,719.000	Syd
0800	Joint, Contraction, Cp	6020200	7,553.000	Ft
0810	Joint, Contraction, C3p	6020201	665.000	Ft
0820	Joint, Expansion, E2	6020207	240.000	Ft
0830	Shoulder, Nonreinf Conc	6020222	1,663.000	Syd
0840	Conc Quality Initiative	6020401	1,165.000	Dir
0850	Conc Pavt, Bridge Approach, Reinf	6020600	1,318.000	Syd
0860	Joint, Contraction, Crg	6030020	4,188.000	Ft
0870	Joint, Expansion, Erg	6030021	171.000	Ft
0880	Lane Tie, Epoxy Anchored	6030030	32.000	Ea
0890	Pavt Repr, Nonreinf Conc, 12 inch	6030052	1,034.000	Syd
0900	Pavt Repr, Rem	6030080	1,034.000	Syd
0910	Saw Cut, Intermediate	6030090	72.000	Ft
0920	_ Joint, Tied, 2.5 foot, Special	6037001	135.000	Ft
0930	_ Joint, Tied, 4 foot, Special	6037001	491.000	Ft
0940	_ Conc Repr, Non-Cementitious, Partial Depth	6037011	24.000	Syd
0950	_ Pavt Repr, 2.5 foot, Nonreinf, 12 inch, Special	6037011	39.000	Syd
0960	_ Pavt Repr, 2.5 foot, Rem, Special	6037011	39.000	Syd
0970	_ Pavt Repr, 4 foot, Nonreinf, 12 inch, Special	6037011	219.000	Syd
0980	_ Pavt Repr, 4 foot, Rem, Special	6037011	219.000	Syd
0990	Steel Sheet Piling, Temp	7040002	3,170.000	Sft
1000	_ Steel Sheet Piling, Temp, Spec	7047010	1,140.000	Sft
1010	_ Cofferdam, Left in Place, Special (C01 of 11014)	7047051	1.000	LSUM
1020	Conc, Grade D	7060010	6.000	Cyd
1030	Reinforcement, Steel	7060090	156.000	Lb
1040	Reinforcement, Steel, Epoxy Coated	7060092	5,828.000	Lb
1050	Substructure Conc, High Performance	7060101	67.000	Cyd
1060	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	800.000	Sft
1070	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	800.000	Sft
1080	Joint Waterproofing	7100001	90.000	Sft
1090	_ Sign, Changeable Message, Forward/Back, Salv	8007050	1.000	Ea
1100	_ Sign, Changeable Message, Speed Limit, Salv	8007050	3.000	Ea
1110	_ Speaker, Public Address	8007050	3.000	Ea
1120	_ Speaker, Public Address, Salv	8007050	3.000	Ea
1130	_ System Testing, Vehicle Detection System, Over Height Vehicle	8007050	1.000	Ea
1140	_ Vehicle Dectection System, Over Height Vehicle, Salv	8007050	1.000	Ea

1150	_ Static Scale	8007051	1.000	LSUM
1160	_ Weigh-In-Motion Truck Scale Equipment, Remove and Salv	8007051	1.000	LSUM
1170	Driveway, Nonreinf Conc, 6 inch	8010005	380.000	Syd
1180	Curb and Gutter, Conc, Det B3	8020017	20.000	Ft
1190	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
1200	Divider, Nonreinf Conc, Type 1	8020066	3,934.000	Sft
1210	Spillway, Conc	8020075	15.000	Ft
1220	_ Curb and Gutter, Conc, Det B3, Modified	8027001	1,639.000	Ft
1230	_ Curb, Conc, Det E1, Modified	8027001	418.000	Ft
1240	Sidewalk, Conc, 6 inch	8030046	3,875.000	Sft
1250	Conc Barrier, Single Face, Type A	8040001	100.000	Ft
1260	Conc Barrier, Single Face, Type B	8040002	145.000	Ft
1270	Guardrail, Type MGS-8	8070004	469.000	Ft
1280	Guardrail, Curved, Type MGS-8	8070012	75.000	Ft
1290	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
1300	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
1310	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
1320	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
1330	Guardrail, Salv	8070075	66.000	Ft
1340	Guardrail, Reconst, Type T	8070109	66.000	Ft
1350	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
1360	Cable Barrier, High Tension, Salv	8070201	2,750.000	Ft
1370	Cable Barrier, High Tension, Reconst	8070202	2,750.000	Ft
1380	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	126.000	Ea
1390	Cable Barrier, High Tension, Line Post Fdn	8070221	126.000	Ea
1400	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	2.000	Ea
1410	Cable Barrier, High Tension, End Term Fdn	8070223	2.000	Ea
1420	Fence, Protective	8080007	700.000	Ft
1430	Delineator Reflector, Red	8100131	44.000	Ea
1440	Delineator Reflector, Yellow	8100132	23.000	Ea
1450	Delineator Reflector, Green	8100133	2.000	Ea
1460	Delineator Reflector, White	8100134	45.000	Ea
1470	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	4.000	Ea
1480	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	8.000	Ea
1490	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
1500	Delineator, Rem	8100349	171.000	Ea
1510	Post, Flexible, Delineator	8100360	8.000	Ea
1520	Post, Rigid, Delineator	8100361	70.000	Ea
1530	Post, Steel, 3 lb	8100371	203.000	Ft
1540	Post, Wood, 4 inch by 6 inch	8100380	262.000	Ft
1550	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1560	Sign, Type I, Rem	8100391	1.000	Ea
1570	Sign, Type II, Erect, Salv	8100396	6.000	Ea

1580	Sign, Type II, Rem	8100397	26.000	Ea
1590	Sign, Type IIA	8100398	50.000	Sft
1600	Sign, Type III, Erect, Salv	8100402	15.000	Ea
1610	Sign, Type III, Rem	8100403	22.000	Ea
1620	Sign, Type IIIA	8100404	39.000	Sft
1630	Sign, Type IIIB	8100405	12.000	Sft
1640	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1650	Sign, Type VB	8100425	51.000	Sft
1660	Mast Arm Pole, Cat I	8100510	1.000	Ea
1670	Mast Arm, 40 foot, Cat I	8100524	1.000	Ea
1680	Mast Arm Pole Fdn, 6 Bolt	8100550	15.000	Ft
1690	Mast Arm, Rem	8100560	1.000	Ea
1700	Mast Arm Std, Rem	8100570	1.000	Ea
1710	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	62.000	Ft
1720	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,526.000	Ft
1730	Recessing Pavt Mrkg, Longit	8110450	59,046.000	Ft
1740	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	10,021.000	Ft
1750	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	22,279.000	Ft
1760	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	5,234.000	Ft
1770	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	21,512.000	Ft
1780	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
1790	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
1800	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	1.000	Ea
1810	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	6.000	Ea
1820	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	6.000	Ea
1830	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	5.000	Ea
1840	Conc Barrier Reflector Replacement	8120070	80.000	Ea
1850	Conc Barrier, Temp, Adj	8120080	1,400.000	Ft
1860	Conc Barrier, Temp, Furn	8120081	5,800.000	Ft
1870	Conc Barrier, Temp, Oper	8120082	5,800.000	Ft
1880	Conc Barrier, Temp, Relocated	8120083	1,800.000	Ft
1890	Glare Screen, Temp	8120094	3,600.000	Ft
1900	Glare Screen, Temp, Relocated	8120095	300.000	Ft
1910	Glare Screen, Temp, Complete Section, Replaced	8120096	90.000	Ea
1920	High Intensity Light, Type B, Furn	8120110	6.000	Ea
1930	High Intensity Light, Type B, Oper	8120111	6.000	Ea
1940	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1950	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1960	Minor Traf Devices	8120170	1.000	LSUM
1970	Mobile Attenuator	8120180	2.000	Ea
1980	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	16,123.000	Ft
1990	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,700.000	Ft
2000	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,510.000	Ft



2010	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,650.000	Ft
2020	Pavt Mrkg, Wet Reflective, Type NR, Paint, 8 inch, White, Temp	8120237	6,190.000	Ft
2030	Pavt Mrkg, Wet Reflective, Type NR, Paint, 8 inch, Yellow, Temp	8120238	3,100.000	Ft
2040	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,640.000	Ft
2050	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,790.000	Ft
2060	Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, White, Temp	8120247	16,470.000	Ft
2070	Pavt Mrkg, Wet Reflective, Type R, Tape, 8 inch, Yellow, Temp	8120248	8,340.000	Ft
2080	Plastic Drum, Fluorescent, Furn	8120252	410.000	Ea
2090	Plastic Drum, Fluorescent, Oper	8120253	410.000	Ea
2100	Sign Cover	8120310	40.000	Ea
2110	Sign Cover, Type 1	8120320	4.000	Ea
2120	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
2130	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
2140	Sign, Type B, Temp, Prismatic, Furn	8120350	1,670.000	Sft
2150	Sign, Type B, Temp, Prismatic, Oper	8120351	1,670.000	Sft
2160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
2170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
2180	_ Aggregate, 4AA	8137021	220.000	Cyd
2190	_ Cobblestone	8137021	1,540.000	Cyd
2200	_ Riprap, Special, Class II	8137031	820.000	Ton
2210	Site Preparation, Max \$6,170.00	8150001	1.000	LSUM
2220	Watering and Cultivating, First Season, Min \$3,500.00	8150002	1.000	LSUM
2230	Watering and Cultivating, Second Season, Min \$4,320.00	8150003	1.000	LSUM
2240	Acer rubrum, 1 1/2 inch	8150146	10.000	Ea
2250	Acer saccharinum, 1 1/2 inch	8150163	10.000	Ea
2260	Celtis occidentalis, 1 1/2 inch	8150778	10.000	Ea
2270	Cornus amomum, bareroot, 18-24 inch	8150958	57.000	Ea
2280	Cornus sericea, bareroot, 24-18 inch	8151067	57.000	Ea
2290	Quercus palustris, 1 1/2 inch	8153096	10.000	Ea
2300	Salix discolor, bareroot, 18-24 inch	8153368	57.000	Ea
2310	Sambucus canadensis, bareroot, 18-24 inch	8153381	57.000	Ea
2320	Tilia americana, 1 1/2 inch	8153841	10.000	Ea
2330	Viburnum lentago, bareroot, 18-24 inch	8154086	57.000	Ea
2340	Mulch	8160025	22,999.000	Syd
2350	Mulch Blanket	8160027	19,363.000	Syd
2360	Seeding, Mixture TDS	8160037	1,277.000	Lb
2370	Topsoil Surface, Furn, 4 inch	8160062	42,964.000	Syd
2380	_ Mulch Blanket, Modified	8167011	2,792.000	Syd
2390	_ Temp Seed Mixture	8167011	1,840.000	Syd

2400	_ Wet Meadow Flood Shelf Seed Mixture	8167011	2,792.000	Syd
2410	_ Seeding, Special	8167030	35.000	Lb
2420	Cable, Rem	8190016	4,400.000	Ft
2430	Conduit, DB, 1, 3 inch	8190029	1,520.000	Ft
2440	Conduit, Rem	8190140	4,400.000	Ft
2450	DB Cable, in Conduit, 600V, 1/C#3/0	8190204	150.000	Ft
2460	DB Cable, in Conduit, 600V, 1/C#6	8190211	4,800.000	Ft
2470	Cable, Equipment Grounding Wire, 1/C#6	8190236	1,250.000	Ft
2480	Hh, Rem	8190254	31.000	Ea
2490	Light Std Arm, Install	8190275	9.000	Ea
2500	Light Std Arm, Rem	8190277	8.000	Ea
2510	Light Std Fdn	8190279	9.000	Ea
2520	Light Std Fdn, Rem	8190280	7.000	Ea
2530	Light Std, Frangible Transformer Base	8190281	9.000	Ea
2540	Light Std Shaft, Install	8190300	9.000	Ea
2550	Light Std Shaft, Rem	8190305	7.000	Ea
2560	Luminaire, Rem	8190360	12.000	Ea
2570	Conduit, Directional Bore, 1, 3 inch	8190602	75.000	Ft
2580	_ Scale Controls, Type A	8197001	2,120.000	Ft
2590	_ Scale Controls, Type AA	8197001	55.000	Ft
2600	_ Scale Controls, Type AC	8197001	1,335.000	Ft
2610	_ Scale Controls, Type AE	8197001	60.000	Ft
2620	_ Scale Controls, Type B	8197001	1,925.000	Ft
2630	_ Scale Controls, Type C	8197001	510.000	Ft
2640	_ Scale Controls, Type D	8197001	65.000	Ft
2650	_ Scale Controls, Type E	8197001	75.000	Ft
2660	_ Scale Controls, Type F	8197001	165.000	Ft
2670	_ Scale Controls, Type G	8197001	105.000	Ft
2680	_ Scale Controls, Type H	8197001	670.000	Ft
2690	_ Scale Controls, Type I	8197001	670.000	Ft
2700	_ Scale Controls, Type J	8197001	670.000	Ft
2710	_ Scale Controls, Type K	8197001	350.000	Ft
2720	_ Scale Controls, Type L	8197001	1,060.000	Ft
2730	_ Scale Controls, Type M	8197001	1,600.000	Ft
2740	_ Scale Controls, Type N	8197001	1,090.000	Ft
2750	_ Scale Controls, Type O	8197001	70.000	Ft
2760	_ Scale Controls, Type Q	8197001	355.000	Ft
2770	_ Scale Controls, Type T	8197001	200.000	Ft
2780	_ Scale Controls, Type V	8197001	200.000	Ft
2790	_ Scale Controls, Type X	8197001	200.000	Ft
2800	_ Scale Controls, Type Y	8197001	55.000	Ft
2810	_ Scale Controls, Type Z	8197001	55.000	Ft
2820	_ Flood Light, LED	8197050	10.000	Ea
2830	_ Hh, Round, Elec	8197050	26.000	Ea
2840	_ Lighting Control System	8197050	1.000	Ea

2850	_ Luminaire, LED Parking Area	8197050	5.000	Ea
2860	_ Luminaire, LED Scale Area	8197050	9.000	Ea
2870	_ Utility, Elec	8197060	15,000.000	Dlr
2880	Fdn, Rem	8200065	1.000	Ea
2890	Pedestal, Alum	8200100	5.000	Ea
2900	Pedestal, Alum, Salv	8200101	5.000	Ea
2910	Pedestal, Fdn	8200105	10.000	Ea
2920	Pedestal Fdn, Rem	8200106	5.000	Ea
2930	Traf Loop	8200170	15.000	Ea
2940	TS, One Way Pedestal Mtd	8200230	2.000	Ea
2950	TS, One Way Mast Arm Mtd, Salv	8200251	2.000	Ea
2960	Shoulder Corrugations, Ground or Cut, Conc	8220000	120.000	Ft
2970	Shoulder Corrugations, Ground or Cut, HMA	8220001	35,131.000	Ft
2980	Contractor Staking	8240001	1.000	LSUM
2990	Staking Plan Errors and Extras, One Person	8240020	75.000	Hr
3000	Staking Plan Errors and Extras, Two Person	8240021	30.000	Hr
3010	Staking Plan Errors and Extras, Three Person	8240022	45.000	Hr
3020	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM

**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 014**Letting Date:** January 10, 2020**Contract ID:** 36022-208433

**Description:** 1.87 mi of preventive maintenance, hot mix asphalt cold milling and resurfacing, overband crack fill, chip seal and aggregate shoulders on US-2 from East Lake Emily Road to Oss Road, Iron County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208433A	20A0168	N/A	ST 36022

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$64,000.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	239.000	Ton
0030	Cold Milling HMA Surface	5010002	53,672.000	Syd
0040	HMA Quality Initiative	5010007	8,946.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	29,377.000	Dlr
0060	HMA, 5E1	5010056	4,473.000	Ton
0070	Overband Crack Fill, Lane	5020003	3.730	Lnmi
0080	Seal, Shoulder Chip	5050010	15,357.000	Syd
0090	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	2.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,059.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,716.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	39,432.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,059.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	19,716.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	19,716.000	Ft
0160	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0170	Protective Ovly, Snowmobile Trail Crossing	8110550	72.000	Syd
0180	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	21,100.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,600.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,350.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,600.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea

0260	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0300	Protect Corners	8210020	10.000	Ea
0310	Centerline Corrugations, Milled, HMA	8220013	9,858.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 015

**Letting Date:** January 10, 2020

**Contract ID:** 34000-202404

**Description:** Bridge replacement with 39 inch prestressed concrete box beams, approach work, cofferdams, steel sheet piling, steel piles, underdrains, concrete curb and gutter, culverts, drainage, guardrail and pavement markings on Long Lake Road over Dickerson Creek, Ionia County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202404A	N/A	N/A	BRT 34000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$158,500.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	729.000	Ft
0050	Embankment, CIP	2050010	960.000	Cyd
0060	Excavation, Earth	2050016	1,420.000	Cyd
0070	Erosion Control, Filter Bag	2080014	2.000	Ea
0080	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0090	Erosion Control, Silt Fence	2080036	1,400.000	Ft
0100	Subbase, CIP	3010002	903.000	Cyd
0110	Aggregate Base, 8 inch	3020020	2,574.000	Syd
0120	Approach, CI II, 6 inch	3070028	84.000	Syd
0130	Approach, CI II, 8 inch	3070030	225.000	Syd
0140	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0150	Culv End Sect, Metal, 15 inch	4010095	2.000	Ea
0160	Culv, CI A, 15 inch	4010132	40.000	Ft
0170	Sewer, CI A, 18 inch, Tr Det B	4020035	212.000	Ft
0180	Dr Structure Cover, Type G	4030040	2.000	Ea
0190	Dr Structure, 48 inch dia	4030210	2.000	Ea
0200	HMA Surface, Rem	5010005	1,985.000	Syd
0210	HMA, 3C	5010031	282.000	Ton
0220	HMA, LVSP	5010703	491.000	Ton
0230	Curb and Gutter, Conc, Det F4	8020038	296.000	Ft
0240	Spillway, Conc	8020075	16.000	Ft
0250	Guardrail, Type MGS-8	8070004	563.000	Ft
0260	Guardrail, Curved, Type MGS-8	8070012	50.000	Ft
0270	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea

0280	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0290	Guardrail Reflector	8070080	53.000	Ea
0300	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	518.000	Ft
0310	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	1,429.000	Ft
0320	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	1,429.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0380	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0390	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	366.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	366.000	Sft
0420	Mulch Blanket, High Velocity	8160028	950.000	Syd
0430	Slope Restoration, Type B	8160101	1,860.000	Syd
0440	Slope Restoration, Type C	8160102	200.000	Syd
0450	Contractor Staking	8240001	1.000	LSUM
0460	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0470	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0480	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr

**Section: 2**

0490	Structures, Rem (SN 4035)	2040060	1.000	LSUM
0500	Backfill, Structure, CIP	2060002	1,060.000	Cyd
0510	Excavation, Fdn	2060010	500.000	Cyd
0520	Underdrain, Fdn, 6 inch	4040033	200.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0540	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0550	Conc Pavt, Bridge Approach, Reinf	6020600	152.000	Syd
0560	Steel Sheet Piling, Permanent	7040001	2,300.000	Sft
0570	Cofferdams (SN 4035)	7040007	1.000	LSUM
0580	Pile Driving Equipment, Furn (SN 4035)	7050002	1.000	LSUM
0590	Pile, Steel, Furn and Driven, 14 inch	7050034	1,776.000	Ft
0600	Pile Point, Steel	7050039	48.000	Ea
0610	Pile, Steel, Splice (SN 4035)	7050050	48.000	Ea
0620	Bridge Ltg, Furn and Rem (SN 4035)	7060001	1.000	LSUM
0630	Bridge Ltg, Oper and Maintain	7060002	85.000	Cyd
0640	Conc, Grade S2, Subfooting	7060012	26.000	Cyd
0650	Conc, Grade T	7060013	85.000	Cyd
0660	Expansion Joint Device	7060050	35.000	Ft
0670	False Decking	7060060	3,352.000	Sft
0680	Reinforcement, Steel	7060090	17,328.000	Lb

0690	Reinforcement, Steel, Epoxy Coated	7060092	53,395.000	Lb
0700	Substructure Conc	7060100	356.000	Cyd
0710	Superstructure Conc	7060110	20.000	Cyd
0720	Superstructure Conc, Form, Finish, and Cure (SN 4035)	7060111	1.000	LSUM
0730	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 4035)	7060112	1.000	LSUM
0740	Superstructure Conc, Night Casting	7060113	85.000	Cyd
0750	Bearing, Elastomeric, 2 inch	7070016	19,584.000	Sin
0760	Structural Steel, Rolled Shape, Erect	7070070	5,000.000	Lb
0770	Structural Steel, Rolled Shape, Furn and Fab	7070071	5,000.000	Lb
0780	Prest Conc Box Beam, Furn, 39 inch	7080075	448.000	Ft
0790	Prest Conc Box Beam, Erect, 39 inch	7080076	448.000	Ft
0800	Joint Waterproofing	7100001	238.000	Sft
0810	Joint Waterproofing, Expansion	7100003	30.000	Sft
0820	Conc Surface Coating (SN 4035)	7100010	1.000	LSUM
0830	Bridge Railing, 4 Tube	7110010	179.000	Ft
0840	Bolt, Adhesive Anchored, 3/4 inch	7120042	7.000	Ea
0850	_ Riprap, Heavy (Stone)	8137011	100.000	Syd

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 016

**Letting Date:** January 10, 2020

**Contract ID:** 08000-202435

**Description:** Replacement of 2 structures with timber structures, cofferdams, treated timber and concrete piles, guardrail, approach work and pavement markings on Charlton Park Road over Little Thornapple River and North Avenue over Wabascon Creek, Barry County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202435A	N/A	N/A	BRT 08000
202436A	N/A	N/A	BRT 08000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$150,100.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	12.000	Sta
0030	Pavt, Rem	2040050	1,145.000	Syd
0040	Backfill, Swamp	2050001	2,997.000	Cyd
0050	Embankment, CIP	2050010	246.000	Cyd
0060	Embankment, LM	2050011	108.000	Cyd
0070	Excavation, Earth	2050016	3,151.000	Cyd
0080	Excavation, Peat	2050017	2,997.000	Cyd
0090	Aggregate, 6A	2060001	147.000	Cyd
0100	Erosion Control, Silt Fence	2080036	2,119.000	Ft
0110	Subbase, CIP	3010002	1,170.000	Cyd
0120	Aggregate Base	3020001	2,067.000	Ton
0130	Shoulder, CI II	3070121	232.000	Ton
0140	Geotextile, Separator	3080005	1,695.000	Syd
0150	_ High Performance Biaxial Geogrid	3087011	5,073.000	Syd
0160	HMA Surface, Rem	5010005	1,695.000	Syd
0170	HMA, 13A	5010033	439.000	Ton
0180	HMA, 36A	5010034	309.000	Ton
0190	Guardrail Approach Terminal, Type 2B	8070042	8.000	Ea
0200	Guardrail, Salv	8070075	678.000	Ft
0210	Guardrail Reflector	8070080	40.000	Ea
0220	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	8.000	Ea
0230	Sign, Type III, Rem	8100403	6.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,286.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,960.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, High Intensity, Furn	8120250	32.000	Ea
0320	Plastic Drum, High Intensity, Oper	8120251	32.000	Ea
0330	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0340	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,045.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,045.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	325.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	325.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Riprap, Plain	8130010	151.000	Syd
0410	Slope Restoration, Type B	8160101	1,080.000	Syd
0420	Slope Restoration, Type C	8160102	1,540.000	Syd

**Section: 2**

0430	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0440	Structures, Rem (SN 559)	2040060	1.000	LSUM
0450	Structures, Rem (SN 560)	2040060	1.000	LSUM
0460	Backfill, Structure, CIP	2060002	408.000	Cyd
0470	Excavation, Fdn	2060010	778.000	Cyd
0480	Erosion Control, Filter Bag	2080014	8.000	Ea
0490	Erosion Control, Turbidity Curtain, Shallow	2080044	400.000	Ft
0500	Cofferdams (SN 560)	7040007	1.000	LSUM
0510	Cofferdams, Left in Place (SN 559)	7040009	1.000	LSUM
0520	Pile Driving Equipment, Furn (SN 559)	7050002	1.000	LSUM
0530	Pile Driving Equipment, Furn (SN 560)	7050002	1.000	LSUM
0540	Pile, Treated Timber, Furn	7050010	1,524.000	Ft
0550	Pile, Treated Timber, Driven	7050011	1,524.000	Ft
0560	Test Pile, Treated Timber	7050015	2.000	Ea
0570	Pile, CIP Conc, Furn and Driven, 12 inch	7050020	1,951.000	Ft
0580	Test Pile, CIP Conc, 12 inch	7050021	2.000	Ea
0590	Pile Point, CIP Conc	7050025	28.000	Ea
0600	Pile, Steel, Splice	7050050	28.000	Ea
0610	False Decking	7060060	2,285.000	Sft
0620	Structural Steel, Mixed, Erect	7070050	850.000	Lb
0630	Structural Steel, Mixed, Furn and Fab	7070051	850.000	Lb
0640	_ Structure, Timber, Modified (SN 559)	7097051	1.000	LSUM
0650	_ Structure, Timber, Modified (SN 560)	7097051	1.000	LSUM
0660	_ Riprap, Heavy, Modified	8137011	146.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 017

**Letting Date:** January 10, 2020

**Contract ID:** 63000-204888

**Description:** 1.00 mi of hot mix asphalt shared use path with steel pedestrian bridge and piles, concrete pavement, curb, gutter and sidewalk ramps, earthwork, drainage and wood boardwalk on Clarkston Road from M-24 to Kern Road, Oakland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204888A	20A0047	N/A	TA 63000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Audio Video Route Survey	1047051	1.000	LSUM
0020	_ Reimbursed Permit Fees	1077060	7,500.000	Dlr
0030	Mobilization, Max \$230,500.00	1500001	1.000	LSUM
0040	Tree, Rem, 19 inch to 36 inch	2020002	32.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	293.000	Ea
0060	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0080	Curb and Gutter, Rem	2040020	32.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0100	_ Driveway, Rem	2047011	496.000	Syd
0110	_ Subgrade Undercutting, Type II, Modified	2057021	400.000	Cyd
0120	_ Erosion Control, Silt Fence, OCWRC	2087001	3,000.000	Ft
0130	_ Erosion Control, Inlet Protection, Fabric Drop, OCWRC	2087050	3.000	Ea
0140	_ Erosion Control, Inlet Protection, Geotextile and Stone, OCWRC	2087050	3.000	Ea
0150	Project Cleanup	2090001	1.000	LSUM
0160	_ Aggregate Base, 6 inch, Modified	3027011	1,125.000	Syd
0170	Maintenance Gravel	3060020	400.000	Ton
0180	_ Approach, CI II, Modified	3077031	200.000	Ton
0190	Culv End Sect, 12 inch	4010012	4.000	Ea
0200	Culv End Sect, 15 inch	4010015	1.000	Ea
0210	Culv End Sect, 18 inch	4010018	2.000	Ea
0220	Culv, CI A, CSP, 12 inch	4010199	234.000	Ft
0230	Culv, CI A, CSP, 15 inch	4010200	40.000	Ft
0240	Culv, CI A, CSP, 18 inch	4010201	50.000	Ft
0250	Sewer Tap, 12 inch	4021204	2.000	Ea
0260	Sewer Tap, 15 inch	4021205	1.000	Ea

0270	Sewer Tap, 18 inch	4021206	1.000	Ea
0280	Dr Structure Cover, Type B	4030010	3.000	Ea
0290	Dr Structure Cover, Type G	4030040	2.000	Ea
0300	Dr Structure, 24 inch dia	4030200	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	4.000	Ea
0320	_ Structure Cover, Adj, Case 2	4037050	8.000	Ea
0330	Hand Patching	5010025	50.000	Ton
0340	HMA Approach	5010061	137.000	Ton
0350	Conc Pavt, Nonreinf, 9 inch	6020106	105.000	Syd
0360	_ Driveway with Integral Curb, Nonreinf Conc, 9 inch	8017011	362.000	Syd
0370	Curb, Conc, Det E2	8020002	114.000	Ft
0380	Curb and Gutter, Conc, Det B2	8020016	20.000	Ft
0390	Shoulder Gutter, Conc, Det 2	8020056	2.000	Ea
0400	Curb Ramp Opening, Conc	8030030	20.000	Ft
0410	Sidewalk Ramp, Conc, 6 inch	8030036	1,032.000	Sft
0420	_ Detectable Warning Surface, Modified	8037001	80.000	Ft
0430	Shared use Path, Grading	8060030	4,911.000	Ft
0440	Shared use Path, HMA	8060040	937.000	Ton
0450	_ Shared use Path, Aggregate, 6 inch, Modified	8067011	4,246.000	Syd
0460	_ Post Mailbox, Remove and Reset	8077050	10.000	Ea
0470	Fence, Moving	8080120	60.000	Ft
0480	Post, Steel, 3 lb	8100371	308.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0500	Sign, Type IIIA	8100404	13.000	Sft
0510	Sign, Type IIIB	8100405	54.000	Sft
0520	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	120.000	Ft
0530	Barricade, Type III, High Intensity, Lighted, Furn	8120022	15.000	Ea
0540	Barricade, Type III, High Intensity, Lighted, Oper	8120023	15.000	Ea
0550	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0560	Minor Traf Devices	8120170	1.000	LSUM
0570	Plastic Drum, High Intensity, Furn	8120250	150.000	Ea
0580	Plastic Drum, High Intensity, Oper	8120251	150.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	659.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	659.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	278.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	278.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	Riprap, Plain	8130010	32.000	Syd
0650	_ Turf Establishment, Performance	8167011	10,000.000	Syd
0660	_ Dual Solar Rectangular Rapid Flashing Beacon (RRFB)	8207050	2.000	Ea
0670	Monument Box	8210001	1.000	Ea
0680	Monument Box Adjust	8210005	1.000	Ea
0690	Monument Preservation	8210010	1.000	Ea

**Section: 2**

0700	_ Helical Pile, Additional 7' section	7057050	396.000	Ea
0710	_ Steel Helical Pile	7057050	246.000	Ea
0720	Conc, Grade S2	7060011	9.000	Cyd
0730	Reinforcement, Steel, Epoxy Coated	7060092	935.000	Lb
0740	_ Steel Pedestrian Bridge, Type 2, Erect, Modified	7077050	1.000	Ea
0750	_ Steel Pedestrian Bridge, Type 2, Furn and Fab, Modified	7077050	1.000	Ea
0760	_ Pressure Treated Wood Boardwalk	7097001	1,070.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 018

**Letting Date:** January 10, 2020

**Contract ID:** 82000-203584

**Description:** 1.33 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, sidewalk ramps, signing and pavement markings on Lake Shore Road from Warner Road to north of Moross Road in the city of Grosse Pointe Farms, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203584A	20A0074	N/A	STU 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$168,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	72.000	Ft
0030	Sidewalk, Rem	2040055	137.000	Syd
0040	_ Misc Pavt, Rem, Patching	2047011	1,026.000	Syd
0050	_ Misc Obstruction, Rem	2047021	2.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	81.000	Ea
0070	Erosion Control, Maintenance, Sediment Removal	2080026	4.000	Cyd
0080	Project Cleanup	2090001	1.000	LSUM
0090	Dr Structure, Cleaning	4030290	45.000	Ea
0100	Dr Structure, Temp Lowering	4030390	8.000	Ea
0110	_ Misc Structure Reconstruct	4037001	40.000	Ft
0120	_ Misc San Structure Cover, Adj	4037050	14.000	Ea
0130	_ Misc Structure Cover, Adj	4037050	81.000	Ea
0140	_ Misc Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0150	_ Misc Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0160	Cold Milling HMA Surface	5010002	45,361.000	Syd
0170	_ Misc Bit Mixture for Patching, Temp	5017031	50.000	Ton
0180	_ Misc Conditioning Existing Pavement	5017031	656.000	Ton
0190	_ Misc HMA, 4E10	5017031	5,613.000	Ton
0200	_ Misc HMA, 5E10	5017031	3,929.000	Ton
0210	_ Misc HMA, Hand Patching	5017031	10.000	Ton
0220	_ Misc HMA, Wedge	5017031	210.000	Ton
0230	Joint, Contraction, Cp	6020200	410.000	Ft
0240	Joint, Expansion, E2	6020207	62.000	Ft
0250	Lane Tie, Epoxy Anchored	6030030	54.000	Ea
0260	_ Misc Pavt Repr, Nonreinf Conc, Patching	6037011	1,026.000	Syd
0270	_ Misc Conc Curb Cap	8027001	179.000	Ft

0280	_ Misc Conc Curb Cap, Patching	8027001	1,355.000	Ft
0290	Detectable Warning Surface	8030010	66.000	Ft
0300	Curb Ramp Opening, Conc	8030030	72.000	Ft
0310	Sidewalk Ramp, Conc, 4 inch	8030034	1,233.000	Sft
0320	_ Misc Field Office	8097043	4.000	Mo
0330	_ Misc Sign, Type B, Perm	8107010	864.000	Sft
0340	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	400.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	230.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	4,650.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,250.000	Ft
0390	Rem Spec Mrkg	8110343	500.000	Sft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0420	Barricade, Type III, High Intensity, Lighted, Furn	8120022	60.000	Ea
0430	Barricade, Type III, High Intensity, Lighted, Oper	8120023	60.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	34.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0460	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	200.000	Ft
0490	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	100.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,250.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	250.000	Ft
0520	Plastic Drum, High Intensity, Furn	8120250	550.000	Ea
0530	Plastic Drum, High Intensity, Oper	8120251	550.000	Ea
0540	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,250.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	250.000	Ft
0560	Sign Cover	8120310	6.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	1,660.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	1,660.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0600	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
0630	Staking Plan Errors and Extras, Two Person	8240021	8.000	Hr
0640	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr
0650	_ Contractor Staking, Modified	8247051	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 019

**Letting Date:** January 10, 2020

**Contract ID:** 81000-204934

**Description:** 0.76 mi of hot mix asphalt shared use path with helical pile supported timber boardwalk, concrete sidewalks, culverts, and drainage along Grand Street Mill Creek Trail in the village of Dexter, Washtenaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204934A	20A0050	N/A	TAU 81000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Reimbursed Permit Fees	1077060	500.000	Dir
0020	Mobilization, Max \$105,800.00	1500001	1.000	LSUM
0030	Clearing	2010001	3.000	Acre
0040	Sidewalk, Rem	2040055	17.000	Syd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	400.000	Cyd
0060	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0080	Erosion Control, Silt Fence	2080036	7,800.000	Ft
0090	Aggregate Surface Cse, 6 inch	3060010	1,620.000	Syd
0100	Geotextile, Stabilization	3080010	8,950.000	Syd
0110	_ High Performance Biaxial Geogrid	3087011	4,050.000	Syd
0120	Culv End Sect, Metal, 12 inch	4010094	1.000	Ea
0130	Culv, CI A, CSP, 12 inch	4010199	32.000	Ft
0140	Dr Structure Cover, Type E	4030035	1.000	Ea
0150	Dr Structure, 24 inch dia	4030200	1.000	Ea
0160	HMA Surface, Rem	5010005	98.000	Syd
0170	_ Helical Pile	7057050	230.000	Ea
0180	_ Helical Pile Brace	7057050	134.000	Ea
0190	_ Structure, Timber, Boardwalk	7097001	471.000	Ft
0200	_ Structure, Timber, Headwall	7097001	100.000	Ft
0210	_ Structure, Timber, Boardwalk, Platform A	7097051	1.000	LSUM
0220	_ Structure, Timber, Boardwalk, Platform B	7097051	1.000	LSUM
0230	_ Obstruction Removal, Unexpected	7187060	800.000	Dir
0240	Sidewalk, Conc, 4 inch	8030044	160.000	Sft
0250	Shared use Path, Aggregate	8060010	1,000.000	Ton
0260	Shared use Path, Grading	8060030	3,650.000	Ft
0270	Shared use Path, HMA	8060040	900.000	Ton



0280	_ Shared Use Path, Aggregate, 3x1	8067031	700.000	Ton
0290	Fence, Protective	8080007	900.000	Ft
0300	Fence, Chain Link, 72 inch	8080013	380.000	Ft
0310	Fence Gate, 4 foot, for 72 inch Chain Link Fence	8080023	1.000	Ea
0320	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	4.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	4.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	14.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	14.000	Sft
0380	Riprap, Plain	8130010	40.000	Syd
0390	Mulch	8160025	4,950.000	Syd
0400	Seeding, Mixture THM	8160039	17.000	Lb
0410	_ Slope Restoration	8167011	4,580.000	Syd
0420	_ PVC Pipe and Cap	8197050	3.000	Ea
0430	_ Wood Pole, CI2, 25 foot	8197051	1.000	LSUM
0440	_ Sidewalk, Wood, Temp	8507001	120.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 020**Letting Date:** January 10, 2020**Contract ID:** 39000-131000**Description:** 0.98 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramps and pavement markings on Centre Avenue from Portage Road to Sprinkle Road in the city of Portage, Kalamazoo County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131000A	20A0110	N/A	STU 39000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$90,300.00	1500001	1.000	LSUM
0020	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0030	Dr Structure, Rem	2030011	2.000	Ea
0040	Curb and Gutter, Rem	2040020	894.000	Ft
0050	Sidewalk, Rem	2040055	166.000	Syd
0060	Exploratory Investigation, Vertical	2040080	20.000	Ft
0070	_ Pavt, Rem, Modified	2047011	304.000	Syd
0080	Excavation, Earth	2050016	305.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	39.000	Ea
0100	Erosion Control, Maintenance, Sediment Removal	2080026	39.000	Cyd
0110	Erosion Control, Silt Fence	2080036	200.000	Ft
0120	Subbase, CIP	3010002	149.000	Cyd
0130	Aggregate Base, 8 inch	3020020	291.000	Syd
0140	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0150	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0160	Dr Structure, 48 inch dia	4030210	2.000	Ea
0170	Dr Structure, Temp Lowering	4030390	15.000	Ea
0180	_ Dr Structure Cover, Type K, Modified	4037050	2.000	Ea
0190	_ Dr Structure Cover, Type Q, Modified	4037050	15.000	Ea
0200	_ Dr Structure Cover, Type WA, Modified	4037050	1.000	Ea
0210	Cold Milling HMA Surface	5010002	30,203.000	Syd
0220	Pavt for Butt Joints, Rem	5010008	538.000	Syd
0230	Hand Patching	5010025	21.000	Ton
0240	HMA, 3C	5010031	45.000	Ton
0250	HMA, 4E1	5010050	3,541.000	Ton
0260	HMA, 5E1	5010056	3,541.000	Ton
0270	HMA, LVSP	5010703	21.000	Ton

0280	_ Curb and Gutter, Conc, Det C4, Modified	8027001	801.000	Ft
0290	Curb Ramp Opening, Conc	8030030	136.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	996.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	299.000	Sft
0320	_ Detectable Warning Surface, Cast Iron, Modified	8037001	122.000	Ft
0330	_ Stamped Concrete, 6 Inch	8037010	1,382.000	Sft
0340	Post, Steel, 3 lb	8100371	553.000	Ft
0350	Sign, Type III, Rem	8100403	84.000	Ea
0360	Sign, Type IIIA	8100404	24.000	Sft
0370	Sign, Type IIIB	8100405	246.000	Sft
0380	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0390	_ Project Sign	8107050	2.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	730.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	107.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0440	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	3,535.000	Ft
0450	Pavt Mrkg, Wet Retrflec Waterborne, 8 inch, White	8110482	206.000	Ft
0460	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	989.000	Ft
0470	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,212.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,970.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	928.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	80.000	Ft
0550	Plastic Drum, High Intensity, Furn	8120250	280.000	Ea
0560	Plastic Drum, High Intensity, Oper	8120251	280.000	Ea
0570	Sign Cover	8120310	4.000	Ea
0580	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0590	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	680.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	680.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	Slope Restoration, Type B	8160101	181.000	Syd
0640	Conduit, DB, 1, 1 1/2 inch	8190027	40.000	Ft
0650	Hh, Polymer Conc	8190250	4.000	Ea
0660	Pedestal, Alum	8200100	1.000	Ea
0670	Pedestal, Fdn	8200105	5.000	Ea
0680	Pedestal Fdn, Rem	8200106	1.000	Ea
0690	Pedestal, Rem	8200110	1.000	Ea

0700	Pushbutton and Sign	8200121	8.000	Ea
0710	Pushbutton, Rem	8200122	4.000	Ea
0720	Pushbutton Pedestal, Alum	8200123	5.000	Ea
0730	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0740	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0750	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
0760	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0770	Monument Preservation	8210010	1.000	Ea
0780	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
0790	_ Hydrant Assembly, Modified	8237050	1.000	Ea
0800	_ Hydrant, Rem, Modified	8237050	1.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 021

**Letting Date:** January 10, 2020

**Contract ID:** 41000-206386

**Description:** 0.85 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, aggregate base, drainage and pavement markings on 44th Street from Breton Avenue to Shaffer Avenue in the city of Kentwood, Kent County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206386A	20A0083	N/A	STU 41000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$130,100.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Curb and Gutter, Rem	2040020	1,700.000	Ft
0040	Pavt, Rem	2040050	450.000	Syd
0050	Sidewalk, Rem	2040055	426.000	Syd
0060	_ Curb and Gutter, Rem, Modified	2047001	1,166.000	Ft
0070	Embankment, CIP	2050010	230.000	Cyd
0080	Excavation, Earth	2050016	800.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0110	Subbase, CIP	3010002	125.000	Cyd
0120	Aggregate Base, LM	3020002	100.000	Cyd
0130	Aggregate Base, 8 inch	3020020	2,200.000	Syd
0140	Aggregate Base, Conditioning	3020050	3,050.000	Syd
0150	Maintenance Gravel, LM	3060021	200.000	Cyd
0160	_ Storm Sewer Repair, 12 inch	4027050	5.000	Ea
0170	Dr Structure Cover, Adj, Case 1	4030005	31.000	Ea
0180	Dr Structure, Temp Lowering	4030390	27.000	Ea
0190	_ Dr Structure Cover, Type B, Modified	4037050	12.000	Ea
0200	_ Dr Structure Cover, Type K, Modified	4037050	2.000	Ea
0210	_ Dr Structure Cover, Type Q, Modified	4037050	19.000	Ea
0220	Cold Milling HMA Surface	5010002	30,900.000	Syd
0230	HMA Surface, Rem	5010005	3,500.000	Syd
0240	Pavt for Butt Joints, Rem	5010008	30.000	Syd
0250	Hand Patching	5010025	270.000	Ton
0260	HMA, 13A	5010033	360.000	Ton
0270	HMA, 4E10	5010052	3,730.000	Ton

0280	HMA, 5E10	5010058	2,800.000	Ton
0290	Conc Pavt, Nonreinf, 8 inch	6020104	3,250.000	Syd
0300	Joint, Contraction, Cp	6020200	2,500.000	Ft
0310	Joint, Expansion, E2	6020207	400.000	Ft
0320	Lane Tie, Epoxy Anchored	6030030	450.000	Ea
0330	Curb and Gutter, Conc, Det F3	8020037	2,400.000	Ft
0340	Curb and Gutter, Conc, Det F4	8020038	80.000	Ft
0350	Curb Ramp Opening, Conc	8030030	381.000	Ft
0360	Sidewalk Ramp, Conc, 6 inch	8030036	3,035.000	Sft
0370	Sidewalk, Conc, 4 inch	8030044	2,580.000	Sft
0380	_ Detectable Warning Surface, Cast Iron	8037001	311.000	Ft
0390	Post, Steel, 3 lb	8100371	770.000	Ft
0400	Sign, Type III, Rem	8100403	80.000	Ea
0410	Sign, Type IIIA	8100404	400.000	Sft
0420	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	550.000	Ft
0430	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	200.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	22.000	Ea
0460	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,000.000	Ft
0490	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	300.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,000.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	300.000	Ft
0520	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	5,000.000	Ft
0530	Rem Curing Compound, for Spec Mrkg	8110321	900.000	Sft
0540	Rem Spec Mrkg	8110343	400.000	Sft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0570	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,200.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,200.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	21,000.000	Ft
0640	Plastic Drum, High Intensity, Furn	8120250	350.000	Ea
0650	Plastic Drum, High Intensity, Oper	8120251	350.000	Ea
0660	Sign Cover	8120310	50.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft

0700	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0710	Traf Regulator Control	8120370	1.000	LSUM
0720	Riprap, Heavy	8130005	10.000	Syd
0730	_ Turf Restoration	8167011	7,300.000	Syd
0740	TS Head, Adj	8200452	12.000	Ea
0750	TS Head, Temp	8200453	12.000	Ea
0760	Monument Box Adjust	8210005	1.000	Ea
0770	Monument Preservation	8210010	1.000	Ea
0780	Gate Box, Adj, Temp, Case 1	8230391	13.000	Ea
0790	_ 1 inch- 1.25 inch Poly Lateral Pipe	8507001	500.000	Ft
0800	_ 2.5 inch PVC Mainline Pipe	8507001	200.000	Ft
0810	_ 1 inch Electric Valve	8507050	1.000	Ea
0820	_ 4 inch Fixed Spray Sprinkler Head	8507050	25.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 022

**Letting Date:** January 10, 2020

**Contract ID:** 74023-204318

**Description:** 13.69 mi of hot mix asphalt overlay, aggregate shoulders, concrete curb, gutter and sidewalk ramps and railroad crossing reconstruction in the city of Brown City, Lapeer and Sanilac Counties. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204318A	N/A	N/A	M 74023
208056A	N/A	N/A	MRR 74023

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$280,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	550.000	Ft
0030	Pavt, Rem	2040050	455.000	Syd
0040	Sidewalk, Rem	2040055	230.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0060	Aggregate Base	3020001	145.000	Ton
0070	_ Shoulder, CI II, Modified	3077031	7,350.000	Ton
0080	Dr Structure Cover, Adj, Case 1, Modified	4030004	12.000	Ea
0090	Dr Structure Cover, Type K	4030050	2.000	Ea
0100	Dr Structure, Tap, 4 inch	4030304	1.000	Ea
0110	_ Dr Structure Cover, ADA Compliant	4037050	3.000	Ea
0120	Underdrain, Subbase, 4 inch	4040061	220.000	Ft
0130	Underdrain Outlet, 4 inch	4040091	35.000	Ft
0140	Cold Milling HMA Surface	5010002	16,205.000	Syd
0150	Bump Grinding	5010004	20.000	Syd
0160	HMA Surface, Rem	5010005	375.000	Syd
0170	HMA Quality Initiative	5010007	44,514.000	Dlr
0180	Pavt for Butt Joints, Rem	5010008	4,670.000	Syd
0190	Longitudinal Joint Density Quality Initiative	5010018	76,140.000	Dlr
0200	Hand Patching	5010025	903.000	Ton
0210	HMA, 5E1	5010056	21,080.000	Ton
0220	HMA Approach	5010061	74.000	Ton
0230	HMA, 5E1, High Stress	5010514	200.000	Ton
0240	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	1,380.000	Ft
0250	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	1,380.000	Ft
0260	Curb and Gutter, Conc, Det F5	8020039	375.000	Ft



0270	_ Curb and Gutter, Conc, Det F5, Modified	8027001	56.000	Ft
0280	Detectable Warning Surface	8030010	165.000	Ft
0290	Curb Ramp Opening, Conc	8030030	165.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	1,405.000	Sft
0310	Sidewalk, Conc, 6 inch	8030046	679.000	Sft
0320	Sidewalk, Clay Brick Pavers, Rem	8030051	460.000	Sft
0330	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0340	Post, Steel, 3 lb	8100371	28.000	Ft
0350	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0360	Sign, Type III, Rem	8100403	5.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	6.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0410	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	460.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	144.000	Ft
0430	Pavt Mrkg, Waterborne, 4 inch, White	8110231	85,230.000	Ft
0440	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	39,100.000	Ft
0450	Pavt Mrkg, Waterborne, 6 inch, White	8110233	146,200.000	Ft
0460	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	85,230.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	39,100.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	146,200.000	Ft
0490	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
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	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea
0530	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	440.000	Ea
0540	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	440.000	Ea
0550	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0570	Minor Traf Devices	8120170	1.000	LSUM
0580	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	150.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,900.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	150.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,900.000	Ft
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	12.000	Ft
0630	Sign Cover	8120310	8.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea

0660	Sign, Type A, Temp, Prismatic, Furn	8120340	1.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	1.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	2,848.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	2,848.000	Sft
0700	Traf Regulator Control	8120370	1.000	LSUM
0710	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
0720	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
0730	Slope Restoration, Type B	8160101	100.000	Syd
0740	Monument Box	8210001	13.000	Ea
0750	Monument Box Adjust	8210005	11.000	Ea
0760	Monument Preservation	8210010	13.000	Ea
0770	Centerline Corrugations, Milled, HMA	8220013	73,000.000	Ft
0780	_ Railroad Protection, At Grade Crossing	8507060	5,000.000	Dlr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 023

**Letting Date:** January 10, 2020

**Contract ID:** 51031-200986

**Description:** 6.75 mi of hot mix asphalt cold milling and one course overlay, concrete driveway and pavement markings on M-22 from north of US-31 to south of Eight Mile Road, Benzie County. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200986A	N/A	N/A	M 51031

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$165,300.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	224.000	Syd
0030	Approach, CI II	3070021	765.000	Ton
0040	Shoulder, CI II	3070121	1,500.000	Ton
0050	Cold Milling HMA Surface	5010002	8,635.000	Syd
0060	HMA Quality Initiative	5010007	32,462.000	Dlr
0070	Pavt for Butt Joints, Rem	5010008	10,852.000	Syd
0080	Longitudinal Joint Density Quality Initiative	5010018	51,728.000	Dlr
0090	Hand Patching	5010025	50.000	Ton
0100	HMA Approach	5010061	811.000	Ton
0110	HMA, LVSP	5010703	15,370.000	Ton
0120	Driveway, Nonreinf Conc, 6 inch	8010005	224.000	Syd
0130	Curb Sloped, HMA	8050010	1,885.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	60.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	52,000.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	95,000.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	52,000.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	95,000.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Recessing Pavt Mrkg, Longit	8110450	95,000.000	Ft
0230	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	95,000.000	Ft

0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,160.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	9.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	9.000	Ea
0300	Sign Cover	8120310	4.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Monument Box	8210001	6.000	Ea
0390	Monument Preservation	8210010	6.000	Ea
0400	Centerline Corrugations, Milled, HMA	8220013	35,900.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 024

**Letting Date:** January 10, 2020

**Contract ID:** 39042-206714

**Description:** Traffic signal, ITS and connected vehicle installation on M-96 at 33rd Street, Kalamazoo County.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206714A	N/A	N/A	M 39042

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$27,500.00	1500001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0040	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0050	Erosion Control, Silt Fence	2080036	25.000	Ft
0060	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0070	_ Roadside Unit, Intersection	8007050	1.000	Ea
0080	Post, Steel, 3 lb	8100371	26.000	Ft
0090	Post, Wood, 4 inch by 6 inch	8100380	65.000	Ft
0100	Sign, Type IIB	8100399	33.000	Sft
0110	Sign, Type III, Erect, Salv	8100402	24.000	Ea
0120	Sign, Type III, Rem	8100403	4.000	Ea
0130	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0140	Pavt Mrkg, Thermopl, 4 inch, White	8110195	350.000	Ft
0150	Rem Spec Mrkg	8110343	86.000	Sft
0160	Recessing Pavt Mrkg, Longit	8110450	350.000	Ft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	132.000	Ft
0260	Sign Cover	8120310	4.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-	8120332	2.000	Ea

	Compliant, Furn			
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Conduit, DB, 1, 1 1/2 inch	8190027	110.000	Ft
0330	Conduit, DB, 3, 3 inch	8190035	30.000	Ft
0340	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
0350	Conduit, Directional Bore, 1 inch	8190040	54.000	Ft
0360	Hh, Polymer Conc	8190250	2.000	Ea
0370	Hh, Round, 3 foot dia	8190259	1.000	Ea
0380	Hh, Round	8190260	8.000	Ea
0390	Cable, Sec, 600V, 1, 3/C#6	8190399	30.000	Ft
0400	Wood Pole, CI 4, 30 foot	8190471	2.000	Ea
0410	Conduit, Directional Bore, 2, 3 inch	8190604	130.000	Ft
0420	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0430	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0440	Case Sign (LED), Disappearing Legend, One Way, 24 inch by 30 inch	8200042	3.000	Ea
0450	Controller Fdn, Base Mount	8200045	1.000	Ea
0460	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
0470	Louver	8200080	2.000	Ea
0480	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0490	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
0500	Serv Disconnect	8200135	3.000	Ea
0510	Span Wire	8200140	4.000	Ea
0520	Span Wire Tether	8200142	2.000	Ea
0530	Cabinet, NEMA Type	8200186	1.000	Ea
0540	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0550	Bracket, Truss, With 18 Foot Arm	8200378	3.000	Ea
0560	Hemispherical Video Detection Camera	8200444	1.000	Ea
0570	Hemispherical Video Detection System	8200445	1.000	Ea
0580	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
0590	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0600	Strain Pole Fdn, 6 Bolt	8200470	83.000	Ft
0610	Casing	8200480	62.000	Ft
0620	Cellular Modem, TS, 4G	8200498	1.000	Ea
0630	Backplate, TS	8200501	4.000	Ea
0640	Radar Vehicle Dilemma Zone Detector System	8200520	1.000	Ea
0650	Radar Vehicle Dilemma Zone Detector Sensor	8200523	2.000	Ea
0660	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0670	Contractor Staking, Road Only	8240007	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0700	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr

0710	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0720	Lightning Protection, Pole	8260021	1.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 025

**Letting Date:** January 10, 2020

**Contract ID:** 56032-201388

**Description:** 9.71 mi of hot mix asphalt cold milling and resurfacing, guardrail and pavement markings on M-30 from US-10 westbound off ramp to just north of the north Midland county line, Midland and Gladwin Counties. This project includes two 3 year materials and workmanship pavement warranties.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201388A	N/A	N/A	M 56032

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$180,600.00	1500001	1.000	LSUM
0020	Excavation, Earth	2050016	284.000	Cyd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	284.000	Cyd
0040	Aggregate Base, 4 inch	3020010	1,426.000	Syd
0050	_ Shoulder, CI II, Modified	3077031	3,550.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0070	Cold Milling HMA Surface	5010002	33,621.000	Syd
0080	HMA Quality Initiative	5010007	30,934.000	Dlr
0090	Longitudinal Joint Density Quality Initiative	5010018	64,414.000	Dlr
0100	HMA, 5E1	5010056	15,282.000	Ton
0110	HMA Approach	5010061	185.000	Ton
0120	Guardrail, Type MGS-8	8070004	1,075.000	Ft
0130	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0140	Guardrail, Salv	8070075	868.000	Ft
0150	Guardrail Reflector	8070080	23.000	Ea
0160	Delineator Reflector, Green	8100133	4.000	Ea
0170	Post, Rigid, Delineator	8100361	4.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	48.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0200	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,370.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	45,140.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	115,130.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,370.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	45,140.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	115,130.000	Ft
0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr



0280	Recessing Pavt Mrkg, Longit	8110450	161,640.000	Ft
0290	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	280.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	280.000	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 Cover, Type R, Black	8120200	500.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,200.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,550.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,330.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,050.000	Ft
0400	Sign Cover	8120310	10.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,800.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,800.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	Monument Box Adjust	8210005	20.000	Ea
0450	Protect Corners	8210020	20.000	Ea
0460	Centerline Corrugations, Milled, HMA	8220013	51,500.000	Ft

**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 026**Letting Date:** January 10, 2020**Contract ID:** 25031-130175

**Description:** Bridge rehabilitation including epoxy overlay, full depth deck patching, steel repair, substructure repair, partial painting, guardrail anchorage replacement and pavement markings on 2 bridges along I-75 over GTW Railroad and I-75 over Bristol Road in the city of Flint, Genesee County. This project includes a 5 year performance warranty on thin epoxy bridge deck overlay.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130175A	20A0164	N/A	IM 25031

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$88,200.00	1500001	1.000	LSUM
0020	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Guardrail, Rem	2040035	1,275.000	Ft
0040	Guardrail Anch, Bridge, Det A1	8070020	4.000	Ea
0050	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	515.000	Ft
0060	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	1,300.000	Ft
0070	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	180.000	Ft
0080	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	1,300.000	Ft
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	225.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	225.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0150	Ltg for Night Work	8120160	1.000	LSUM
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Mobile Attenuator	8120180	4.000	Ea
0180	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0200	Sign Cover	8120310	8.000	Ea
0210	Sign Cover, Type 1	8120320	4.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0240	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft

0250	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	2,779.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	2,779.000	Sft

**Section: 2**

0280	Backfill, Structure, CIP	2060002	20.000	Cyd
0290	Excavation, Fdn	2060010	20.000	Cyd
0300	Reinforcement, Steel, Epoxy Coated	7060092	1,590.000	Lb
0310	_ Wood False Decking	7067010	9,160.000	Sft
0320	Bridge Railing, Thrie Beam Retrofit	7110006	1,175.000	Ft
0330	Hand Chipping, Deep	7120004	70.000	Syd
0340	Hand Chipping, Other Than Deck	7120007	938.000	Cft
0350	Patch, Full Depth	7120010	4.000	Cyd
0360	Patch, Forming	7120017	3,752.000	Sft
0370	Epoxy Ovly, Warranty	7120022	4,697.000	Syd
0380	Structures, Rehabilitation, Rem Portions (R03 of 25042)	7120070	1.000	LSUM
0390	Flushing Cracks, Water	7120098	130.000	Ft
0400	Structural Crack, Repr	7120099	130.000	Ft
0410	Patching Conc, C-L	7120112	47.000	Cyd
0420	Embedded Galvanic Anode	7120120	503.000	Ea
0430	_ FRP Jacket Column Repair, 36 inch	7127001	30.000	Ft
0440	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7127010	234.000	Sft
0450	_ Hand Chipping, Full Depth	7127020	134.000	Cft
0460	_ Bridge Joints, Clean and Seal (R03 of 25042), Modified	7127051	1.000	LSUM
0470	_ Bridge Joints, Clean and Seal (S09 of 25031), Modified	7127051	1.000	LSUM
0480	Beam Plate, Seal Perimeter	7130010	910.000	Ft
0490	Rocker, Realign	7130050	11.000	Ea
0500	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	13,928.000	Lb
0510	Support, Column, Temp	7130080	2.000	Ea
0520	Support, Diaphragm, Temp	7130081	12.000	Ea
0530	Steel Structure, Cleaning, Partial, Type 4 (R03 of 25042)	7150047	1.000	LSUM
0540	Steel Structure, Coating, Partial, Type 4 (R03 of 25042)	7150048	1.000	LSUM
0550	Field Repair of Damaged Coating (R03 of 25042)	7160001	1.000	LSUM
0560	Slope Paving, Conc	8130020	34.000	Syd
0570	_ Flowable Fill	8267021	1.000	Cyd
0580	_ Railroad Inspection and Flagging	8507060	72,000.000	Dlr
0590	_ Railroad Protection	8507060	10,000.000	Dlr

**Section: 3**

0600	Lane Rental	1020001	1.000	LSUM
0610	Lane Rental Incentive	1020002	10,000.000	Dlr



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 027

**Letting Date:** January 10, 2020

**Contract ID:** 29022-204385

**Description:** 9.68 mi of hot mix asphalt cold milling and resurfacing, shoulder repairs, guardrail and pavement markings on M-57 from US-127 to the Gratiot/Saginaw county line, Gratiot County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204385A	20A0172	N/A	ST 29022

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$214,400.00	1500001	1.000	LSUM
0020	HMA Base Crushing and Shaping	3050002	16,140.000	Syd
0030	Aggregate Surface Cse	3060006	140.000	Ton
0040	_ Shoulder, CI II, Modified	3077031	8,038.000	Ton
0050	Cold Milling HMA Surface	5010002	14,460.000	Syd
0060	HMA Quality Initiative	5010007	34,202.000	Dlr
0070	Pavt for Butt Joints, Rem	5010008	6,711.000	Syd
0080	Longitudinal Joint Density Quality Initiative	5010018	67,227.000	Dlr
0090	HMA, 4E1	5010050	1,217.000	Ton
0100	HMA, 5E1	5010056	14,590.000	Ton
0110	HMA Approach	5010061	1,294.000	Ton
0120	Guardrail, Type MGS-8	8070004	863.000	Ft
0130	Guardrail, Curved, Type B	8070010	50.000	Ft
0140	Guardrail, Curved, Type MGS-8	8070012	63.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	13.000	Ea
0160	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0170	Guardrail, Salv	8070075	2,058.000	Ft
0180	Guardrail Reflector	8070080	36.000	Ea
0190	_ Guardrail Long Span, Det MGS-28	8077050	2.000	Ea
0200	_ Guardrail Long Span, Det MGS-3	8077050	5.000	Ea
0210	Delineator Reflector, Green	8100133	14.000	Ea
0220	Post, Rigid, Delineator	8100361	14.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,255.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,295.000	Ft
0290	Pavt Mrkg, Waterborne, 6 inch, White	8110233	102,850.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,255.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	19,295.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	102,850.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Recessing Pavt Mrkg, Longit	8110450	123,400.000	Ft
0350	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	280.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	280.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg Cover, Type R, Black	8120200	350.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	745.000	Ft
0420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,530.000	Ft
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	684.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,170.000	Ft
0450	Sign Cover	8120310	10.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	1,008.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	1,008.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type B	8160101	1,400.000	Syd
0500	Monument Box Adjust	8210005	15.000	Ea
0510	Protect Corners	8210020	15.000	Ea
0520	Centerline Corrugations, Milled, HMA	8220013	51,100.000	Ft
0530	_ Railroad Protection, at Grade Crossing	8507060	6,000.000	Dlr



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 028

**Letting Date:** January 10, 2020

**Contract ID:** 83033-203983

**Description:** 7.32 mi of hot mix asphalt cold milling and resurfacing, shoulder corrugations and pavement markings on US-131 from Boon Road to Old US-131, Wexford County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203983A	20A0203	N/A	NH 83033

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$166,400.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	200.000	Ton
0030	Cold Milling HMA Surface	5010002	193,809.000	Syd
0040	HMA Quality Initiative	5010007	31,980.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	38,632.000	Dlr
0060	HMA, 5E3	5010057	15,570.000	Ton
0070	HMA Approach	5010061	420.000	Ton
0080	Post, Steel, 3 lb	8100371	256.000	Ft
0090	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0100	Sign, Type III, Rem	8100403	12.000	Ea
0110	Sign, Type IIIA	8100404	96.000	Sft
0120	Reflective Panel for Permanent Sign Support, 3 foot	8100613	20.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0170	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	158.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	42,000.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	41,500.000	Ft
0200	Pavt Mrkg, Waterborne, 12 inch, White	8110237	3,600.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	42,000.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	41,500.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	3,600.000	Ft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Recessing Pavt Mrkg, Longit	8110450	103,518.000	Ft
0260	Recessing Pavt Mrkg, Transv	8110451	616.000	Sft

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
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	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	42,000.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	36,000.000	Ft
0340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,000.000	Ft
0350	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0370	Sign Cover	8120310	8.000	Ea
0380	Sign, Portable, Changeable Message, Furn	8120330	7.000	Ea
0390	Sign, Portable, Changeable Message, Oper	8120331	7.000	Ea
0400	Sign, Type A, Temp, Prismatic, Furn	8120340	36.000	Sft
0410	Sign, Type A, Temp, Prismatic, Oper	8120341	36.000	Sft
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	668.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	668.000	Sft
0440	Shoulder Corrugations, Ground or Cut, HMA	8220001	77,264.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 029

**Letting Date:** January 10, 2020

**Contract ID:** 47061-201004

**Description:** 3.30 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps, sewer and pedestrian signals on I-96BL from M-59 to National Street, Livingston County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201004A	20A0207	N/A	NH 47061

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$156,200.00	1500001	1.000	LSUM
0020	Sewer, Rem, Less than 24 inch	2030015	129.000	Ft
0030	Curb and Gutter, Rem	2040020	1,186.000	Ft
0040	Pavt, Rem	2040050	224.000	Syd
0050	Sidewalk, Rem	2040055	1,114.000	Syd
0060	Embankment, CIP	2050010	30.000	Cyd
0070	Excavation, Earth	2050016	30.000	Cyd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	_ Sidewalk Grading	2057050	53.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	120.000	Ea
0110	Subbase, CIP	3010002	148.000	Cyd
0120	Aggregate Base, 6 inch	3020016	136.000	Syd
0130	Sewer, Cl A, 8 inch, Tr Det B	4020031	29.000	Ft
0140	Sewer, Cl A, 10 inch, Tr Det B	4020032	100.000	Ft
0150	Sewer Tap, 8 inch	4021202	2.000	Ea
0160	Video Taping Sewer and Culv Pipe	4021275	100.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0180	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0190	Cold Milling HMA Surface	5010002	88,392.000	Syd
0200	Bump Grinding	5010004	450.000	Syd
0210	HMA Surface, Rem	5010005	36.000	Syd
0220	HMA Quality Initiative	5010007	15,934.000	Dlr
0230	Longitudinal Joint Density Quality Initiative	5010018	17,500.000	Dlr
0240	Pavt Joint and Crack Repr, Det 7	5010020	8,000.000	Ft
0250	Pavt Joint and Crack Repr, Det 8	5010021	2,000.000	Ft
0260	Hand Patching	5010025	704.000	Ton
0270	HMA, 5E3, High Stress	5010515	7,303.000	Ton



0280	HMA Approach, High Stress	5010520	354.000	Ton
0290	Conc Base Cse, Nonreinf, 8 inch	6020019	224.000	Syd
0300	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	2.000	Syd
0310	Lane Tie, Epoxy Anchored	6030030	406.000	Ea
0320	Curb and Gutter, Conc, Det C3	8020022	116.000	Ft
0330	Curb and Gutter, Conc, Det C5	8020024	170.000	Ft
0340	Curb and Gutter, Conc, Det C6	8020025	62.000	Ft
0350	Detectable Warning Surface	8030010	434.000	Ft
0360	Curb Ramp Opening, Conc	8030030	846.000	Ft
0370	Sidewalk Ramp, Conc, 6 inch	8030036	9,736.000	Sft
0380	Sidewalk, Conc, 4 inch	8030044	237.000	Sft
0390	Sidewalk, Clay Brick Pavers	8030050	132.000	Sft
0400	Sidewalk, Clay Brick Pavers, Rem	8030051	115.000	Sft
0410	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0420	Post, Steel, 3 lb	8100371	17.000	Ft
0430	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0440	Sign, Type III, Rem	8100403	3.000	Ea
0450	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	462.000	Ft
0460	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	138.000	Ft
0470	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	99.000	Ft
0480	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	837.000	Ft
0490	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	485.000	Ft
0500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	6,430.000	Ft
0510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	40,665.000	Ft
0520	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	12,194.000	Ft
0530	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0540	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	15.000	Ea
0550	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	12.000	Ea
0560	Pavt Mrkg, Polyurea, School	8110414	8.000	Ea
0570	Pavt Mrkg, Polyurea, Thru & Rt Turn Arrow Sym	8110417	3.000	Ea
0580	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	760.000	Ft
0590	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0610	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0620	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	160.000	Ea
0630	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	160.000	Ea
0640	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0650	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0660	Minor Traf Devices	8120170	1.000	LSUM
0670	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	118.000	Ft
0680	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	15,000.000	Ft
0690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	3,000.000	Ft

0700	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	300.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0720	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0730	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0740	Sign Cover	8120310	20.000	Ea
0750	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0760	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0770	Sign, Type A, Temp, Prismatic, Furn	8120340	200.000	Sft
0780	Sign, Type A, Temp, Prismatic, Oper	8120341	200.000	Sft
0790	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0800	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0810	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	400.000	Sft
0820	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	400.000	Sft
0830	Slope Restoration, Type A	8160100	764.000	Syd
0840	Conduit, DB, 1, 1 1/2 inch	8190027	10.000	Ft
0850	Hh, Round	8190260	1.000	Ea
0860	Conduit, Directional Bore, 1, 3 inch	8190602	55.000	Ft
0870	Pedestal, Alum	8200100	1.000	Ea
0880	Pedestal, Fdn	8200105	1.000	Ea
0890	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0900	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0910	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0920	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0930	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
0940	TS Face, Bag	8200458	6.000	Ea
0950	TS Face, Bag, Rem	8200459	6.000	Ea
0960	Contractor Staking, Road Only	8240007	1.000	LSUM
0970	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0980	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0990	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 030

**Letting Date:** January 10, 2020

**Contract ID:** 18011-204387

**Description:** 7.07 mi of preventive maintenance, hot mix asphalt cold milling, ultra-thin overlay, pavement joint repairs, aggregate shoulders and pavement markings on M-115 from Harding Road to Lake Station Avenue including the ramps at US-10, Clare County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204387A	20A0179	N/A	NH 18011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$133,900.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0030	_ Shoulder, CI II, Modified	3077031	4,388.000	Ton
0040	Pavt Joint and Crack Repr, Det 7	5010020	1,440.000	Ft
0050	Hand Patching	5010025	288.000	Ton
0060	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	179,852.000	Syd
0070	Overband Crack Fill, Lane	5020003	16.040	Lnmi
0080	Overband Crack Fill, Ramp	5020004	1.510	Lnmi
0090	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	179,852.000	Syd
0100	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	28.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0150	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,520.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	30,602.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	82,710.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	7,030.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	3,160.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Recessing Pavt Mrkg, Longit	8110450	127,500.000	Ft
0220	Barricade, Type III, High Intensity, Lighted, Furn	8120022	9.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Oper	8120023	9.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	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 Cover, Type R, Black	8120200	300.000	Ft
0300	Sign Cover	8120310	6.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	2,006.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	2,006.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	41.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	41.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	Monument Box	8210001	2.000	Ea
0370	Monument Box Adjust	8210005	3.000	Ea
0380	Protect Corners	8210020	2.000	Ea
0390	Centerline Corrugations, Milled, HMA	8220013	36,845.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 031

**Letting Date:** January 10, 2020

**Contract ID:** 27022-204336-2

**Description:** Bridge rehabilitation including epoxy overlay, partial concrete deck, backwall, substructure repair, construction joint replacement, temporary supports and approach work on US-2 over the Big Presque Isle River, Gogebic County. This project includes a 5 year epoxy overlay performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204336A	N/A	N/A	M 27022

**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	Curb and Gutter, Rem	2040020	15.000	Ft
0030	Pavt, Rem	2040050	245.000	Syd
0040	Embankment, CIP	2050010	15.000	Cyd
0050	Excavation, Earth	2050016	90.000	Cyd
0060	Aggregate Base	3020001	115.000	Ton
0070	Underdrain, Subbase, 6 inch	4040063	100.000	Ft
0080	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0090	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0100	Cold Milling HMA Surface	5010002	88.000	Syd
0110	Hand Patching	5010025	10.000	Ton
0120	HMA Approach	5010061	16.000	Ton
0130	Joint, Expansion, E3	6020208	100.000	Ft
0140	Conc Quality Initiative	6020401	950.000	Dlr
0150	Lane Tie, Epoxy Anchored	6030030	65.000	Ea
0160	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	230.000	Syd
0170	Curb and Gutter, Bridge Approach	8020010	100.000	Ft
0180	Guardrail Reflector	8070080	8.000	Ea
0190	Guardrail, Reconst, Type B	8070105	132.000	Ft
0200	Guardrail, Reconst, Type T	8070109	80.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	155.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,230.000	Ft
0230	Recessing Pavt Mrkg, Longit	8110450	965.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0260	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea

0270	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0280	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0290	Conc Barrier Reflector Replacement	8120070	20.000	Ea
0300	Conc Barrier, Temp, Adj	8120080	420.000	Ft
0310	Conc Barrier, Temp, Furn	8120081	420.000	Ft
0320	Conc Barrier, Temp, Oper	8120082	420.000	Ft
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,050.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,155.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0390	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0420	PTS System, Temp, Furn	8120270	1.000	Ea
0430	PTS System, Temp, Oper	8120271	1.000	Ea
0440	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0450	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	531.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	531.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type B	8160101	120.000	Syd

**Section: 2**

0500	Backfill, Structure, CIP	2060002	48.000	Cyd
0510	Excavation, Fdn	2060010	94.000	Cyd
0520	Erosion Control, Maintenance, Sediment Removal	2080026	5.000	Cyd
0530	Erosion Control, Silt Fence	2080036	400.000	Ft
0540	Underdrain, Fdn, 4 inch	4040031	118.000	Ft
0550	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0560	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0570	Steel Sheet Piling, Temp	7040002	125.000	Sft
0580	Steel Sheet Piling, Temp, Left in Place	7040003	125.000	Sft
0590	False Decking	7060060	800.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	5,617.000	Lb
0610	Superstructure Conc	7060110	45.000	Cyd
0620	Superstructure Conc, Form, Finish, and Cure (B03 of 27022)	7060111	1.000	LSUM
0630	Water Repellent Treatment, Penetrating	7060140	7.000	Syd
0640	Joint Waterproofing	7100001	10.000	Sft
0650	Joint Waterproofing, Expansion	7100003	171.000	Sft
0660	Substructure Horizontal Surface Sealer (B03 of 27022)	7100030	20.000	Syd

0670	Bridge Barrier Railing, Type 4	7110001	26.000	Ft
0680	Hand Chipping, Other Than Deck	7120007	33.000	Cft
0690	Patch, Forming	7120017	55.000	Sft
0700	Epoxy Ovly, Rem	7120021	445.000	Syd
0710	Epoxy Ovly, Warranty	7120022	684.000	Syd
0720	Structures, Rehabilitation, Rem Portions (B03 of 27022)	7120070	1.000	LSUM
0730	Deck Joint, Rem	7120071	50.000	Ft
0740	Reinforcement, Mechanical Splice	7120084	52.000	Ea
0750	Flushing Cracks, Water	7120098	80.000	Ft
0760	Structural Crack, Repr	7120099	80.000	Ft
0770	Top Flanges and Beam Ends, Clean and Coat	7120100	27.000	Syd
0780	Patching Conc, C-L	7120112	2.000	Cyd
0790	Embedded Galvanic Anode	7120120	58.000	Ea
0800	Stiffeners, Furn, Fab, and Erect	7130060	856.000	Lb
0810	Support, Diaphragm, Temp	7130081	8.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 032

**Letting Date:** January 10, 2020

**Contract ID:** 24011-131799

**Description:** 0.56 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, storm sewer, guardrail, signals and pavement markings on M-119 from US-31 to Pickerel Lake Road and US-31 from west of Zaiger Road easterly to east of Manvel Road, Emmet County. This project includes a 5 year and a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
131799A	20A0181	N/A	NH 24051

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$94,500.00	1500001	1.000	LSUM
0020	Dr Structure, Abandon	2030010	2.000	Ea
0030	Dr Structure, Rem	2030011	10.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	395.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	167.000	Ft
0060	Curb and Gutter, Rem	2040020	1,093.000	Ft
0070	Guardrail, Rem	2040035	65.000	Ft
0080	Pavt, Rem	2040050	339.000	Syd
0090	Exploratory Investigation, Vertical	2040080	20.000	Ft
0100	Excavation, Earth	2050016	1,390.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0120	_ Embankment, CIP, Special	2057021	85.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	14.000	Ft
0140	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	10.000	Cyd
0180	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	1.000	Ea
0200	Erosion Control, Silt Fence	2080036	375.000	Ft
0210	Aggregate Base, 6 inch	3020016	4,138.000	Syd
0220	Maintenance Gravel, LM	3060021	50.000	Cyd
0230	Approach, CI I, 6 inch	3070008	875.000	Syd
0240	Shoulder, CI II	3070121	5.000	Ton
0250	Culv End Sect, 15 inch	4010015	1.000	Ea
0260	Culv End Sect, 18 inch	4010018	1.000	Ea



0270	Culv End Sect, 30 inch	4010030	1.000	Ea
0280	Dr Marker Post	4011109	2.000	Ea
0290	Outfall Label	4011115	1.000	Ea
0300	Sewer, CI A, 6 inch, Tr Det B	4020030	37.000	Ft
0310	Sewer, CI A, 12 inch, Tr Det B	4020033	228.000	Ft
0320	Sewer, CI A, 15 inch, Tr Det B	4020034	26.000	Ft
0330	Sewer, CI A, 18 inch, Tr Det B	4020035	10.000	Ft
0340	Sewer, CI A, 24 inch, Tr Det B	4020036	139.000	Ft
0350	Sewer, CI A, 30 inch, Tr Det B	4020037	542.000	Ft
0360	Sewer Tap, 6 inch	4021201	1.000	Ea
0370	Sewer Tap, 24 inch	4021207	1.000	Ea
0380	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0390	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
0400	Dewatering System, Trench	4021265	982.000	Ft
0410	Video Taping Sewer and Culv Pipe	4021275	982.000	Ft
0420	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0430	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0440	Dr Structure Cover, Type B	4030010	8.000	Ea
0450	Dr Structure Cover, Type K	4030050	7.000	Ea
0460	Dr Structure, 24 inch dia	4030200	4.000	Ea
0470	Dr Structure, 48 inch dia	4030210	4.000	Ea
0480	Dr Structure, 60 inch dia	4030220	6.000	Ea
0490	Dr Structure, 84 inch dia	4030231	1.000	Ea
0500	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	3.000	Ft
0510	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0520	Cold Milling HMA Surface	5010002	17,148.000	Syd
0530	HMA Surface, Rem	5010005	4,535.000	Syd
0540	HMA Quality Initiative	5010007	7,056.000	Dlr
0550	Longitudinal Joint Density Quality Initiative	5010018	17,800.000	Dlr
0560	Hand Patching	5010025	37.000	Ton
0570	HMA, 3E3	5010045	364.000	Ton
0580	HMA Approach	5010061	249.000	Ton
0590	HMA, 4E3, High Stress	5010509	2,377.000	Ton
0600	HMA Approach, High Stress	5010520	501.000	Ton
0610	Cement	6030005	1.000	Ton
0620	_ Bypass Pumping	7047050	2.000	Ea
0630	_ Construction Dam	7047050	2.000	Ea
0640	Curb and Gutter, Conc, Det C4	8020023	156.000	Ft
0650	Curb and Gutter, Conc, Det F6	8020040	1,001.000	Ft
0660	Driveway Opening, Conc, Det M	8020050	85.000	Ft
0670	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
0680	Spillway, Conc	8020075	8.000	Ft
0690	Guardrail, Type B	8070000	25.000	Ft
0700	Guardrail, Curved, Type B	8070010	63.000	Ft

0710	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0720	Guardrail Reflector	8070080	2.000	Ea
0730	Post, Mailbox	8070095	1.000	Ea
0740	Delineator Reflector, Green	8100133	2.000	Ea
0750	Fdn, Wood Support, Rem	8100280	2.000	Ea
0760	Delineator, Rem	8100349	1.000	Ea
0770	Post, Rigid, Delineator	8100361	2.000	Ea
0780	Post, Steel, 3 lb	8100371	224.000	Ft
0790	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0800	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0810	Sign, Type II, Rem	8100397	1.000	Ea
0820	Sign, Type III, Erect, Salv	8100402	13.000	Ea
0830	Sign, Type III, Rem	8100403	13.000	Ea
0840	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0850	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	92.000	Ft
0860	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0880	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0890	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0900	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,310.000	Ft
0910	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,380.000	Ft
0920	Pavt Mrkg, Waterborne, 6 inch, White	8110233	835.000	Ft
0930	Pavt Mrkg, Waterborne, 8 inch, White	8110235	215.000	Ft
0940	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,310.000	Ft
0950	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,380.000	Ft
0960	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	835.000	Ft
0970	Pavt Mrkg, Waterborne, 2nd Application, 8 inch, White	8110255	215.000	Ft
0980	Rem Spec Mrkg	8110343	196.000	Sft
0990	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1000	Recessing Pavt Mrkg, Longit	8110450	8,740.000	Ft
1010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1030	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1040	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1050	Ltg for Night Work	8120160	1.000	LSUM
1060	Minor Traf Devices	8120170	1.000	LSUM
1070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,000.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,000.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	500.000	Ft

1120	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
1130	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
1140	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
1150	Sign Cover	8120310	10.000	Ea
1160	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
1170	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	1,410.000	Sft
1190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,410.000	Sft
1200	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	72.000	Sft
1210	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	72.000	Sft
1220	Traf Regulator Control	8120370	1.000	LSUM
1230	Riprap, Plain	8130010	50.000	Syd
1240	_ Turf Establishment, Performance, Spec	8167011	900.000	Syd
1250	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	1.000	Ea
1260	Case Sign, Rem	8200020	1.000	Ea
1270	TS, Span Wire Mtd, Rem	8200182	5.000	Ea
1280	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
1290	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
1300	Bracket, Truss, With 18 Foot Arm	8200378	5.000	Ea
1310	Wireless Vehicle Detection System, Rem	8200423	2.000	Ea
1320	Wireless Vehicle Sensor Node, Rem	8200426	22.000	Ea
1330	Hemispherical Video Detection Camera	8200444	3.000	Ea
1340	Hemispherical Video Detection System	8200445	3.000	Ea
1350	TS Face, Bag	8200458	10.000	Ea
1360	TS Face, Bag, Rem	8200459	7.000	Ea
1370	Monument Preservation	8210010	2.000	Ea
1380	Contractor Staking, Road Only	8240007	1.000	LSUM
1390	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1400	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
1410	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
1420	Flowable Fill, Non-Structural	8260148	170.000	Cyd



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 033

**Letting Date:** January 10, 2020

**Contract ID:** 49023-128867

**Description:** 1.40 mi of roadway reconstruction, earth work, drainage and pavement markings on US-2 from east of the Hiawatha Trail to west of the Cut River, Mackinac County. This project includes a 5 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
128867A	20A0180	N/A	NH 49023

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$409,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	18.720	Acre
0030	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0060	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0070	Dr Structure, Rem	2030011	4.000	Ea
0080	Sewer, Rem, Less than 24 inch	2030015	84.000	Ft
0090	Fence, Rem	2040025	415.000	Ft
0100	Guardrail, Rem	2040035	4,156.000	Ft
0110	Pavt, Rem	2040050	20,260.000	Syd
0120	Sidewalk, Rem	2040055	217.000	Syd
0130	Excavation, Earth	2050016	69,515.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	21,416.000	Cyd
0150	_ Embankment, CIP, Special	2057021	17,662.000	Cyd
0160	Erosion Control, Check Dam, Stone	2080012	930.000	Ft
0170	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0180	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0190	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0200	Erosion Control, Sediment Trap	2080034	63.000	Ea
0210	Erosion Control, Silt Fence	2080036	2,970.000	Ft
0220	Subbase, CIP	3010002	21,580.000	Cyd
0230	Aggregate Base	3020001	16,060.000	Ton
0240	Approach, CI I	3070001	92.000	Ton
0250	Approach, CI II	3070021	95.000	Ton
0260	Shoulder, CI II	3070121	633.000	Ton
0270	_ Geotextile, Separator, Non-Woven	3087011	1,000.000	Syd

0280	Culv, CI A, 36 inch	4010136	88.000	Ft
0290	Culv, CI A, 42 inch	4010137	112.000	Ft
0300	Culv, CI A, 48 inch	4010138	104.000	Ft
0310	Culv, CI F, 18 inch	4010609	80.000	Ft
0320	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0330	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	1.000	Ea
0340	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0350	_ Culv End Sect, 42 inch	4017050	3.000	Ea
0360	_ Culv End Sect, 48 inch	4017050	2.000	Ea
0370	Sewer, CI A, 42 inch, Tr Det B	4020039	112.000	Ft
0380	Trench Undercut and Backfill	4021260	150.000	Cyd
0390	Video Taping Sewer and Culv Pipe	4021275	5,000.000	Ft
0400	Dr Structure Cover, Type B	4030010	2.000	Ea
0410	Dr Structure, 72 inch dia	4030230	2.000	Ea
0420	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0430	Underdrain Outlet, 6 inch	4040093	120.000	Ft
0440	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0450	Cold Milling HMA Surface	5010002	242.000	Syd
0460	Bump Grinding	5010004	100.000	Syd
0470	HMA Surface, Rem	5010005	32,804.000	Syd
0480	HMA Quality Initiative	5010007	19,974.000	Dlr
0490	Longitudinal Joint Density Quality Initiative	5010018	51,506.000	Dlr
0500	Hand Patching	5010025	305.000	Ton
0510	HMA, 3E3	5010045	3,344.000	Ton
0520	HMA, 4E3	5010051	2,495.000	Ton
0530	HMA, 5E3	5010057	1,672.000	Ton
0540	HMA Approach	5010061	58.000	Ton
0550	HMA, LVSP	5010703	2,113.000	Ton
0560	HMA, Temp Pavt (4E3)	5010805	198.000	Ton
0570	_ Ride Incentive	5017060	9,810.000	Dlr
0580	_ High Performance Biaxial Geogrid	7007011	655.000	Syd
0590	Guardrail, Type MGS-8	8070004	1,004.000	Ft
0600	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0610	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0620	Guardrail Reflector	8070080	46.000	Ea
0630	Delineator Reflector, White	8100134	40.000	Ea
0640	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	60.000	Ea
0650	Fdn, Wood Support, Rem	8100280	18.000	Ea
0660	Delineator, Rem	8100349	20.000	Ea
0670	Post, Flexible, Delineator	8100360	30.000	Ea
0680	Post, Rigid, Delineator	8100361	20.000	Ea
0690	Post, Steel, 3 lb	8100371	119.000	Ft
0700	Post, Wood, 4 inch by 6 inch	8100380	66.000	Ft
0710	Sign, Type II, Erect, Salv	8100396	1.000	Ea

0720	Sign, Type II, Rem	8100397	2.000	Ea
0730	Sign, Type IIA	8100398	9.000	Sft
0740	Sign, Type III, Rem	8100403	16.000	Ea
0750	Sign, Type IIIA	8100404	9.000	Sft
0760	Sign, Type IIIB	8100405	19.000	Sft
0770	Sign, Type V, Rem	8100421	3.000	Ea
0780	Sign, Type VB	8100425	6.000	Sft
0790	_ Reflective Panel for Permanent Sign Support, 6 foot	8107050	2.000	Ea
0800	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,098.000	Ft
0810	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,717.000	Ft
0820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,098.000	Ft
0830	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,717.000	Ft
0840	Recessing Pavt Mrkg, Longit	8110450	20,815.000	Ft
0850	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0860	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0870	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0880	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0890	Culv, Temp	8120090	3.000	Ea
0900	Minor Traf Devices	8120170	1.000	LSUM
0910	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	245.000	Ft
0920	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,485.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	14,740.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	718.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	14,750.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0970	Plastic Drum, Fluorescent, Furn	8120252	99.000	Ea
0980	Plastic Drum, Fluorescent, Oper	8120253	99.000	Ea
0990	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	100.000	Ft
1000	PTS System, Temp, Furn	8120270	1.000	Ea
1010	PTS System, Temp, Oper	8120271	1.000	Ea
1020	Sign Cover	8120310	15.000	Ea
1030	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
1040	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
1050	Sign, Type B, Temp, Prismatic, Furn	8120350	1,071.000	Sft
1060	Sign, Type B, Temp, Prismatic, Oper	8120351	1,071.000	Sft
1070	Traf Regulator Control	8120370	1.000	LSUM
1080	Riprap, Plain	8130010	1,151.000	Syd
1090	Site Preparation, Max \$2,200.00	8150001	1.000	LSUM
1100	Watering and Cultivating, First Season, Min \$1,100.00	8150002	1.000	LSUM
1110	Watering and Cultivating, Second Season, Min \$1,300.00	8150003	1.000	LSUM

1120	Abies balsamea, 5 foot	8150015	12.000	Ea
1130	Picea glauca, 6 foot	8152759	12.000	Ea
1140	Slope Restoration, Type A	8160100	39,128.000	Syd
1150	Slope Restoration, Type B	8160101	42,980.000	Syd
1160	Slope Restoration, Type C	8160102	4,396.000	Syd
1170	Slope Restoration, Type D	8160103	1,716.000	Syd
1180	Protect Corners	8210020	2.000	Ea
1190	Centerline Corrugations, Milled, HMA	8220013	7,358.000	Ft
1200	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	13,315.000	Ft
1210	Contractor Staking, Road Only	8240007	1.000	LSUM
1220	Staking Plan Errors and Extras, One Person	8240020	33.000	Hr
1230	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
1240	Staking Plan Errors and Extras, Three Person	8240022	20.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 034

**Letting Date:** January 10, 2020

**Contract ID:** 63043-204333

**Description:** 6.15 mi of preventive maintenance, hot mix asphalt micro cold milling and ultra-thin overlay, detail 7 joint and crack repairs and pavement markings on M-59 from Woodward Avenue to Crooks Road in the cities of Pontiac, Auburn Hills and Rochester Hills, Oakland County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204333A	20A0208	N/A	NH 63043

**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 \$262,800.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	169.000	Ft
0040	Sidewalk, Rem	2040055	316.000	Syd
0050	Dr Structure Cover, Adj, Case 1, Modified	4030004	32.000	Ea
0060	Dr Structure Cover, Type K	4030050	3.000	Ea
0070	Dr Structure Cover, Type VG	4030090	8.000	Ea
0080	Dr Structure Lead, Cleaning, 12 inch	4030112	618.000	Ft
0090	Dr Structure, Cleaning	4030290	13.000	Ea
0100	Pavt Joint and Crack Repr, Det 7	5010020	6,000.000	Ft
0110	Hand Patching	5010025	300.000	Ton
0120	_ Micro Cold Milling, HMA, 0 to 2 inches	5017011	51,074.000	Syd
0130	_ Ride Incentive	5017060	98,450.000	Dlr
0140	Overband Crack Fill, Lane	5020003	23.000	Lnmi
0150	HMA, Ultra-Thin, High Volume, Warranty	5040102	438,711.000	Syd
0160	Joint, Contraction, Cp	6020200	60.000	Ft
0170	Conc Quality Initiative	6020401	455.000	Dlr
0180	Cement	6030005	2.000	Ton
0190	Joint, Contraction, Crg	6030020	240.000	Ft
0200	Lane Tie, Epoxy Anchored	6030030	60.000	Ea
0210	Non-Chloride Accelerator	6030035	45.000	Gal
0220	Pavt Repr, Rem	6030080	80.000	Syd
0230	_ Pavt Repr, Nonreinf Conc, 14.5 inch	6037011	80.000	Syd
0240	Curb and Gutter, Conc, Det C1	8020020	50.000	Ft
0250	Detectable Warning Surface	8030010	65.000	Ft
0260	Curb Ramp Opening, Conc	8030030	119.000	Ft
0270	Sidewalk Ramp, Conc, 4 inch	8030034	3,299.000	Sft



0280	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	485.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0320	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	207.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	62.000	Ft
0360	Rem Spec Mrkg	8110343	1,125.000	Sft
0370	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0380	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	29,995.000	Ft
0390	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, White	8110491	56,247.000	Ft
0400	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 12 inch, White	8110493	22,854.000	Ft
0410	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 6 inch, Yellow	8110495	60,080.000	Ft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	29.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	29.000	Ea
0440	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0450	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	89.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	89.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0490	Ltg for Night Work	8120160	1.000	LSUM
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Mobile Attenuator	8120180	2.000	Ea
0520	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	146,322.000	Ft
0530	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	22,854.000	Ft
0540	Plastic Drum, Fluorescent, Furn	8120252	800.000	Ea
0550	Plastic Drum, Fluorescent, Oper	8120253	800.000	Ea
0560	Sign Cover	8120310	10.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	2,306.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	2,306.000	Sft
0610	Traf Regulator Control	8120370	1.000	LSUM
0620	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	3.000	Ea
0630	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	3.000	Ea
0640	Slope Restoration, Type A	8160100	234.000	Syd
0650	TS Face, Bag	8200458	4.000	Ea
0660	TS Face, Bag, Rem	8200459	4.000	Ea

0670

Shoulder Corrugations, Ground or Cut, HMA

8220001

102,820.000 Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 035

**Letting Date:** January 10, 2020

**Contract ID:** 08032-200108

**Description:** 4.86 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, pavement markings and resurface a carpool lot on M-37 from Golden Lane to Timber Creek Drive and the carpool lot on M-43 at M-66, Barry County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200108A	20A0192	N/A	ST 08032
202014A	20A0182	N/A	NH 08012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$184,700.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	459.000	Ton
0030	Cold Milling HMA Surface	5010002	134,402.000	Syd
0040	Bump Grinding	5010004	200.000	Syd
0050	HMA Quality Initiative	5010007	31,016.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	76,967.000	Dlr
0070	Pavt Joint and Crack Repr, Det 7	5010020	3,100.000	Ft
0080	Pavt Joint and Crack Repr, Det 8	5010021	3,100.000	Ft
0090	Hand Patching	5010025	776.000	Ton
0100	HMA, 5E3	5010057	7,902.000	Ton
0110	HMA Approach	5010061	1,562.000	Ton
0120	HMA, LVSP	5010703	5,268.000	Ton
0130	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	550.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,800.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	54,500.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	550.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,800.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	54,500.000	Ft
0200	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	58.000	Ft
0210	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	485.000	Ft
0220	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided,	8120013	12.000	Ea

	Lighted, Oper			
0250	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,400.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,800.000	Ft
0320	Sign Cover	8120310	20.000	Ea
0330	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0340	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0350	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
0360	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	1,150.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	1,150.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0430	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0440	Monument Box	8210001	1.000	Ea
0450	Monument Preservation	8210010	1.000	Ea
0460	Centerline Corrugations, Milled, HMA	8220013	25,656.000	Ft
0470	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	51,312.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 036

**Letting Date:** January 10, 2020

**Contract ID:** 03021-200138

**Description:** 15.62 mi of overband crack fill, single course chip seal, fog seal, longitudinal joint repairs, aggregate shoulders and pavement markings on M-89 from 56th Street east to M-40, M-79 from M-37 to Barryville Road and M-44 from the Kent/Ionia county line east to M-91, Ionia County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
200138A	20A0197	N/A	ST 03021
200146A	20A0198	N/A	ST 08041
200152A	20A0199	N/A	NH 34081

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$173,500.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0030	Aggregate Base, 6 inch	3020016	1,344.000	Syd
0040	Shoulder, CI II	3070121	4,565.000	Ton
0050	Trenching	3070200	18.000	Sta
0060	Cold Milling HMA Surface	5010002	25,565.000	Syd
0070	HMA Quality Initiative	5010007	6,900.000	Dlr
0080	Hand Patching	5010025	75.000	Ton
0090	HMA Approach	5010061	3,115.000	Ton
0100	HMA, LVSP	5010703	260.000	Ton
0110	Overband Crack Fill, Lane	5020003	31.500	Lnmi
0120	Chip Seal, Single, Warranty	5050040	329,550.000	Syd
0130	_ Seal, Fog	5057011	329,550.000	Syd
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	550.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,775.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	165,765.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	550.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	34,775.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	165,765.000	Ft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0220	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,175.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,175.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	6.000	Ea

0260	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	30.000	Ea
0290	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	7,200.000	Ea
0300	Sign Cover	8120310	30.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0320	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	3,000.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	3,000.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0370	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0380	Slope Restoration, Type B	8160101	650.000	Syd
0390	Monument Box	8210001	5.000	Ea
0400	Monument Preservation	8210010	24.000	Ea
0410	Centerline Corrugations, Milled, HMA	8220013	37,900.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 037

**Letting Date:** January 10, 2020

**Contract ID:** 54014-204213

**Description:** 6.68 mi of preventive maintenance, overband crack fill, hot mix asphalt ultra-thin overlay and pavement markings on US-131 southbound from north of 13 Mile Road to north of 19 Mile Road and at the 15 Mile Road carpool lot, Mecosta County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204213A	20A0183	N/A	NH 54014
204379A	20A0194	N/A	ST 54014

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$120,400.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	5.000	Ton
0030	Shoulder, CI II	3070121	1,000.000	Ton
0040	Cold Milling HMA Surface	5010002	48,476.000	Syd
0050	HMA Quality Initiative	5010007	8,412.000	Dlr
0060	Hand Patching	5010025	5.000	Ton
0070	HMA, 5E3	5010057	3,504.000	Ton
0080	HMA Approach	5010061	697.000	Ton
0090	Overband Crack Fill, Lane	5020003	14.020	Lnmi
0100	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	142,180.000	Syd
0110	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0150	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,662.000	Ft
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,571.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,977.000	Ft
0190	Pavt Mrkg, Waterborne, 12 inch, White	8110237	4,970.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	9,662.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	40,571.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	45,977.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	4,970.000	Ft
0240	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	159.000	Ft
0250	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots,	8110294	660.000	Ft

4 inch, White				
0260	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
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	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, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	321.000	Ft
0330	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0350	Sign Cover	8120310	4.000	Ea
0360	Sign Cover, Type 1	8120320	2.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0390	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0400	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,130.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,130.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	178.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	178.000	Sft
0450	Monument Box	8210001	1.000	Ea
0460	Protect Corners	8210020	1.000	Ea
0470	Shoulder Corrugations, Ground or Cut, HMA	8220001	70,724.000	Ft





**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 038

**Letting Date:** January 10, 2020

**Contract ID:** 32011-204298

**Description:** 4.30 mi of preventive maintenance, hot mix asphalt cold milling and resurfacing, joint repairs and pavement markings on M-25 from west of Stein Road to south of Pigeon Road, Huron County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204298A	20A0184	N/A	NH 32011

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$115,300.00	1500001	1.000	LSUM
0020	Cold Milling HMA Surface	5010002	77,845.000	Syd
0030	Bump Grinding	5010004	100.000	Syd
0040	HMA Quality Initiative	5010007	16,648.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	22,440.000	Dlr
0060	Hand Patching	5010025	1,080.000	Ton
0070	HMA, 5E1	5010056	6,860.000	Ton
0080	HMA Approach	5010061	384.000	Ton
0090	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	3,120.000	Ft
0100	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	6,240.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0130	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	250.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,000.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, White	8110233	46,000.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	250.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,000.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	46,000.000	Ft
0200	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	230.000	Ft
0210	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	240.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	240.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	2,100.000	Ft

Yellow, Temp				
0280	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0300	Sign Cover	8120310	4.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0340	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM
0360	_ Rumble Strip, Temp, Portable, Furn	8127050	12.000	Ea
0370	_ Rumble Strip, Temp, Portable, Oper	8127050	12.000	Ea
0380	Monument Box	8210001	4.000	Ea
0390	Monument Preservation	8210010	4.000	Ea
0400	Centerline Corrugations, Milled, HMA	8220013	22,130.000	Ft
0410	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	44,250.000	Ft



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 039

**Letting Date:** January 10, 2020

**Contract ID:** 20014-204286

**Description:** 9.48 mi of micro-surfacing, overband crack filling, shoulder gravel, shoulder corrugations and pavement markings on I-75 from US-127 northerly to north of M-93 in the city of Grayling, Crawford County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204286A	20A0195	N/A	NH 20014

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$103,600.00	1500001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0030	Shoulder, CI II	3070121	1,385.000	Ton
0040	Overband Crack Fill, Lane	5020003	21.060	Lnmi
0050	Overband Crack Fill, Ramp	5020004	1.400	Lnmi
0060	Micro-Surface, Warranty	5040030	229,550.000	Syd
0070	_ Pavt Sensor, Invasive Condition, Proprietary	8007050	1.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	1.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	35.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,525.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, White	8110233	50,900.000	Ft
0140	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	52,700.000	Ft
0150	Pavt Mrkg, Waterborne, 12 inch, White	8110237	2,785.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	50,900.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	52,700.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	2,785.000	Ft
0190	Rem Spec Mrkg	8110343	102.000	Sft
0200	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0210	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	12,525.000	Ft
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,100.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,100.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM

0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	116,110.000	Ft
0280	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,785.000	Ft
0290	Sign Cover	8120310	10.000	Ea
0300	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0310	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	1,260.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	1,260.000	Sft
0340	Monument Box	8210001	4.000	Ea
0350	Monument Box Adjust	8210005	20.000	Ea
0360	Monument Preservation	8210010	4.000	Ea
0370	Shoulder Corrugations, Ground or Cut, HMA	8220001	110,660.000	Ft
0380	Contractor Staking, Road Only	8240007	1.000	LSUM
0390	Staking Plan Errors and Extras, One Person	8240020	9.000	Hr
0400	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0410	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 040

**Letting Date:** January 10, 2020

**Contract ID:** 09081-204375

**Description:** 9.83 mi of micro-surfacing, overband crack fill, centerline corrugations and pavement markings on M-61 from the Bay/Gladwin county line east to the west city limits of Standish, Bay and Arenac Counties. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204375A	20A0215	N/A	ST 09081

**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	_ Shoulder, CI II - Modified	3077031	100.000	Ton
0030	Overband Crack Fill, Lane	5020003	19.660	Lnmi
0040	Micro-Surface, Warranty	5040030	175,000.000	Syd
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	700.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,200.000	Ft
0080	Pavt Mrkg, Waterborne, 6 inch, White	8110233	103,000.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	700.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,200.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	103,000.000	Ft
0120	Rem Spec Mrkg	8110343	200.000	Sft
0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	116,200.000	Ft
0190	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	2,100.000	Ea
0200	Sign Cover	8120310	5.000	Ea
0210	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0220	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Monument Box	8210001	5.000	Ea
0270	Monument Preservation	8210010	5.000	Ea

0280	Protect Corners	8210020	5.000	Ea
0290	Centerline Corrugations, Milled, HMA	8220013	46,000.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 041

**Letting Date:** January 10, 2020

**Contract ID:** 78062-204317

**Description:** 2.17 mi of hot mix asphalt cold milling and single course resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on M-86 from the west village limit of Colon easterly to Kane Road in the village of Colon, Saint Joseph and Branch Counties. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
204317A	20A0213	N/A	ST 78062

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$78,800.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,143.000	Ft
0040	Pavt, Rem	2040050	2.000	Syd
0050	Sidewalk, Rem	2040055	744.000	Syd
0060	Excavation, Earth	2050016	342.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	51.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	114.000	Cyd
0110	Aggregate Base, 3 inch	3020008	490.000	Syd
0120	Aggregate Base, 6 inch	3020016	12.000	Syd
0130	Shoulder, CI II, LM	3070123	198.000	Cyd
0140	Dr Structure Cover, Adj, Case 1, Modified	4030004	5.000	Ea
0150	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0160	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Dr Structure Cover, Type D	4030025	1.000	Ea
0180	Dr Structure Cover, Type K	4030050	19.000	Ea
0190	Dr Structure Cover, Type Q	4030065	7.000	Ea
0200	_ Dr Structure, Reconstruct	4037001	6.000	Ft
0210	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0220	Pavt, Cleaning	5010001	1.000	LSUM
0230	Cold Milling HMA Surface	5010002	51,149.000	Syd
0240	Bump Grinding	5010004	250.000	Syd
0250	HMA Surface, Rem	5010005	114.000	Syd
0260	HMA Quality Initiative	5010007	8,984.000	Dir

0270	Longitudinal Joint Density Quality Initiative	5010018	22,700.000	Dlr
0280	Hand Patching	5010025	47.000	Ton
0290	HMA Approach	5010061	426.000	Ton
0300	HMA, LVSP	5010703	4,019.000	Ton
0310	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	163.000	Syd
0320	Conc Quality Initiative	6020401	34.000	Dlr
0330	Driveway, Nonreinf Conc, 6 inch	8010005	14.000	Syd
0340	Curb, Conc, Det E2	8020002	7.000	Ft
0350	Curb and Gutter, Conc, Det C2	8020021	56.000	Ft
0360	Curb and Gutter, Conc, Det C4	8020023	45.000	Ft
0370	Curb and Gutter, Conc, Det C6	8020025	569.000	Ft
0380	Driveway Opening, Conc, Det M	8020050	17.000	Ft
0390	Detectable Warning Surface	8030010	263.000	Ft
0400	Railing for Steps	8030020	6.000	Ft
0410	Curb Ramp Opening, Conc	8030030	476.000	Ft
0420	Sidewalk Ramp, Conc, 4 inch	8030034	2,917.000	Sft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	3,636.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	280.000	Sft
0450	Steps, Conc	8030100	2.000	Cyd
0460	Fence, Moving	8080120	31.000	Ft
0470	Post Hole Through Conc for Steel Post	8100340	4.000	Ea
0480	Post, Steel, 3 lb	8100371	156.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	20.000	Ea
0500	Sign, Type III, Rem	8100403	20.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,100.000	Ft
0520	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	80.000	Ft
0530	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	100.000	Ft
0540	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0570	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0600	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0610	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	4.000	Ea
0620	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,710.000	Ft
0630	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,025.000	Ft
0640	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,770.000	Ft
0650	Pavt Mrkg, Waterborne, 8 inch, White	8110235	300.000	Ft
0660	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	162.000	Ft
0670	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea



0690	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0700	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0710	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0720	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0730	Minor Traf Devices	8120170	1.000	LSUM
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	970.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,040.000	Ft
0760	Plastic Drum, Fluorescent, Furn	8120252	142.000	Ea
0770	Plastic Drum, Fluorescent, Oper	8120253	142.000	Ea
0780	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0800	Sign Cover	8120310	4.000	Ea
0810	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	842.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	842.000	Sft
0850	Traf Regulator Control	8120370	1.000	LSUM
0860	Fertilizer, Chemical Nutrient, CI A	8160020	26.000	Lb
0870	Mulch Blanket	8160027	515.000	Syd
0880	Seeding, Mixture TUF	8160042	26.000	Lb
0890	Topsoil Surface, Furn, 4 inch	8160062	515.000	Syd
0900	Monument Box	8210001	6.000	Ea
0910	Monument Box Adjust	8210005	6.000	Ea
0920	Protect Corners	8210020	17.000	Ea
0930	Centerline Corrugations, Milled, HMA	8220013	4,421.000	Ft
0940	Gate Box, Adj, Case 1	8230431	4.000	Ea
0950	Contractor Staking, Road Only	8240007	1.000	LSUM
0960	Staking Plan Errors and Extras, One Person	8240020	7.000	Hr
0970	Staking Plan Errors and Extras, Two Person	8240021	3.000	Hr
0980	Staking Plan Errors and Extras, Three Person	8240022	4.000	Hr
0990	Flowable Fill, Non-Structural	8260148	2.000	Cyd



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 042

**Letting Date:** January 10, 2020

**Contract ID:** 11012-203692

**Description:** 1.14 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, and pavement markings on I-94BL from St. Joseph Avenue northerly to north of Glenlord Road, Berrien County. This project includes a 3 year materials and workmanship pavement warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203692A	20A0221	N/A	NH 11012

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$64,500.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	252.000	Ft
0030	Pavt, Rem	2040050	40.000	Syd
0040	Sidewalk, Rem	2040055	199.000	Syd
0050	Excavation, Earth	2050016	36.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0070	Subbase, CIP	3010002	26.000	Cyd
0080	Aggregate Base, 3 inch	3020008	100.000	Syd
0090	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0100	Dr Structure Cover, Type B	4030010	5.000	Ea
0110	Dr Structure Cover, Type Q	4030065	7.000	Ea
0120	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0130	Cold Milling HMA Surface	5010002	44,214.000	Syd
0140	HMA Quality Initiative	5010007	7,680.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	6,072.000	Dlr
0160	Hand Patching	5010025	15.000	Ton
0170	HMA, 5E3	5010057	3,597.000	Ton
0180	HMA Approach	5010061	228.000	Ton
0190	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	30.000	Syd
0200	Curb, Conc, Det E2	8020002	69.000	Ft
0210	Curb and Gutter, Conc, Det C4	8020023	197.000	Ft
0220	Detectable Warning Surface	8030010	65.000	Ft
0230	Curb Ramp Opening, Conc	8030030	75.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	1,710.000	Sft
0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	550.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	420.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	290.000	Ft

0280	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0310	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,740.000	Ft
0320	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,700.000	Ft
0330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0340	Recessing Pavt Mrkg, Guide Line	8110453	24.000	Ft
0350	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Dotted Turning Guide Line, Yellow	8110561	24.000	Ft
0360	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Ltg for Night Work	8120160	1.000	LSUM
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,320.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,400.000	Ft
0450	Sign Cover	8120310	10.000	Ea
0460	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0470	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0480	Sign, Type B, Temp, Prismatic, Furn	8120350	816.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	816.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Slope Restoration, Type A	8160100	38.000	Syd
0520	Traf Loop	8200170	12.000	Ea
0530	Monument Box	8210001	1.000	Ea
0540	Monument Box Adjust	8210005	2.000	Ea
0550	Monument Preservation	8210010	1.000	Ea
0560	Protect Corners	8210020	3.000	Ea
0570	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0580	Contractor Staking, Road Only	8240007	1.000	LSUM
0590	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0600	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0610	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 043

**Letting Date:** January 10, 2020

**Contract ID:** 11013-203693

**Description:** 1.78 mi of micro-surfacing, overband crack fill, longitudinal joint repairs with asphalt mastic and pavement markings on I-94BL from St. Joseph River to Fair Avenue in the city of Benton Harbor, Berrien County. This project includes a 2 year pavement performance warranty.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203693A	20A0222	N/A	NH 11013

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$44,600.00	1500001	1.000	LSUM
0020	Hand Patching	5010025	5.000	Ton
0030	Overband Crack Fill, Lane	5020003	5.600	Lnmi
0040	_ Asphalt Repair Mastic	5027001	10,294.000	Ft
0050	Micro-Surface, Single Cse, Warranty	5040020	56,501.000	Syd
0060	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	5,222.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	604.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	400.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	45.000	Ea
0100	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	45.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	1.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	260.000	Ft
0180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	19,404.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, White	8110233	15,229.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	260.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,229.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	19,404.000	Ft
0230	Rem Spec Mrkg	8110343	6,503.000	Sft
0240	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0250	Recessing Pavt Mrkg, Transv	8110451	1,121.000	Sft
0260	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Cross Hatching, Yellow	8117001	285.000	Ft

0270	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Crosswalk	8117001	484.000	Ft
0280	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, White	8117001	352.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	36.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	36.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	206.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	206.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Ltg for Night Work	8120160	1.000	LSUM
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	34,893.000	Ft
0380	Sign Cover	8120310	16.000	Ea
0390	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,001.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,001.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	107.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	107.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM



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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 044**Letting Date:** January 10, 2020**Contract ID:** 58151-203994**Description:** 16.08 mi of concrete pavement repair and pavement markings on I-75 from north of Erie Road to the north Monroe county line in the city of Monroe, Monroe County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203994A	20A0243	N/A	IM 58151

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$92,400.00	1500001	1.000	LSUM
0020	Joint, Contraction, Cp	6020200	2,605.000	Ft
0030	Cement	6030005	160.000	Ton
0040	Joint, Contraction, Crg	6030020	6,858.000	Ft
0050	Joint, Expansion, Erg	6030021	26.000	Ft
0060	Lane Tie, Epoxy Anchored	6030030	4,519.000	Ea
0070	Non-Chloride Accelerator	6030035	3,722.000	Gal
0080	Pavt Repr, Nonreinf Conc, 12 inch	6030052	3,084.000	Syd
0090	Pavt Repr, Nonreinf Conc, 13 inch	6030053	2,233.000	Syd
0100	Pavt Repr, Rem	6030080	5,316.000	Syd
0110	Saw Cut, Intermediate	6030090	6,220.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	80,000.000	Ft
0130	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	320,000.000	Ft
0140	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0150	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0160	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0200	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Mobile Attenuator	8120180	1.000	Ea
0230	Plastic Drum, Fluorescent, Furn	8120252	1,000.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	1,000.000	Ea
0250	Sign Cover	8120310	25.000	Ea
0260	Sign Cover, Type 1	8120320	2.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea

0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0290	Sign, Type A, Temp, Prismatic, Furn	8120340	144.000	Sft
0300	Sign, Type A, Temp, Prismatic, Oper	8120341	144.000	Sft
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,732.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,732.000	Sft
0330	_ Temp Rumble Strips (Orange)	8127001	1,944.000	Ft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 045

**Letting Date:** January 10, 2020

**Contract ID:** 72000-202423

**Description:** Bridge replacement, prestressed Concrete Bulb Tee, steel H-piles, cofferdam, guardrail and approach work on County Road 100 (East Houghton Lake Drive) over the Cut River, Roscommon County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202423A	20A0118	N/A	BRT 72000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$187,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Guardrail, Rem	2040035	335.000	Ft
0040	Pavt, Rem	2040050	2,050.000	Syd
0050	Embankment, CIP	2050010	100.000	Cyd
0060	Excavation, Earth	2050016	50.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0080	Subbase, CIP	3010002	900.000	Cyd
0090	Aggregate Base	3020001	1,200.000	Ton
0100	Shoulder, CI II	3070121	26.000	Ton
0110	HMA, 13A	5010033	485.000	Ton
0120	Conc Pavt, Bridge Approach, Reinf	6020600	178.000	Syd
0130	Driveway, Reinf Conc, 6 inch	8010001	65.000	Syd
0140	Curb and Gutter, Bridge Approach	8020010	96.000	Ft
0150	Guardrail, Type MGS-8	8070004	25.000	Ft
0160	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0170	Post, Mailbox	8070095	6.000	Ea
0180	_ Guardrail, Anch, Bridge, Det M1	8077050	4.000	Ea
0190	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,340.000	Ft
0200	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,300.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	491.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	491.000	Sft
0260	Riprap, Plain	8130010	20.000	Syd



0270	Slope Restoration, Type A	8160100	1,500.000	Syd
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**Section: 2**

0280	Structures, Rem	2040060	1.000	LSUM
0290	Excavation, Channel	2050015	475.000	Cyd
0300	Backfill, Structure, CIP	2060002	600.000	Cyd
0310	Excavation, Fdn	2060010	925.000	Cyd
0320	Erosion Control, Filter Bag	2080014	4.000	Ea
0330	Erosion Control, Sediment Trap	2080034	4.000	Ea
0340	Erosion Control, Turbidity Curtain, Deep	2080042	400.000	Ft
0350	Aggregate Surface Cse, 8 inch	3060012	56.000	Syd
0360	Underdrain, Fdn, 6 inch	4040033	100.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0380	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0390	Joint, Expansion, E3	6020208	43.000	Ft
0400	Cofferdams SN 9029	7040007	1.000	LSUM
0410	Cofferdams, Left in Place SN 9029	7040009	1.000	LSUM
0420	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0430	Pile, Steel, Furn and Driven, 12 inch	7050030	4,683.000	Ft
0440	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0450	Pile Point, Steel	7050039	64.000	Ea
0460	Pile, Steel, Splice	7050050	64.000	Ea
0470	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0480	Bridge Ltg, Oper and Maintain	7060002	120.000	Cyd
0490	Conc, Grade T	7060013	121.000	Cyd
0500	Conc, Low Temperature Protection	7060020	122.000	Cyd
0510	Expansion Joint Device	7060050	40.000	Ft
0520	False Decking	7060060	7,020.000	Sft
0530	Reinforcement, Steel, Epoxy Coated	7060092	31,288.000	Lb
0540	Substructure Conc	7060100	122.000	Cyd
0550	Superstructure Conc	7060110	62.000	Cyd
0560	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0570	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0580	Superstructure Conc, Night Casting	7060113	120.000	Cyd
0590	Bearing, Elastomeric, 2 1/4 inch	7070017	3,552.000	Sin
0600	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	588.000	Ft
0610	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	588.000	Ft
0620	Joint Waterproofing, Expansion	7100003	90.000	Sft
0630	Conc Surface Coating	7100011	1,100.000	Syd
0640	Bridge Railing, 2 Tube	7110008	178.000	Ft
0650	_ Bridge Name Plate	7117050	1.000	Ea
0660	Epoxy Ovly	7120020	672.000	Syd
0670	_ Riprap, Special, Class II	8137011	525.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 046

**Letting Date:** January 10, 2020

**Contract ID:** 63000-205938

**Description:** 1.00 mi of hot mix asphalt rubbilization and surfacing, concrete driveway, curb, gutter, sidewalk and ramps, guardrail, drainage and pavement markings on West Nine Mile Road from Inkster Road to Beech Road in the city of Southfield, Oakland County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205938A	20A0107	N/A	STU 63000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
10	_ Reimbursed Permit Fees	1077060	250.000	Dlr
100	Curb, Rem	2040021	220.000	Ft
1000	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,900.000	Ft
1010	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	2,400.000	Ft
1020	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,450.000	Ft
1030	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,100.000	Ft
1040	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
1050	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
1060	Sign Cover	8120310	15.000	Ea
1070	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1080	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1090	Sign, Type A, Temp, Prismatic, Furn	8120340	250.000	Sft
110	Guardrail, Rem	2040035	1,750.000	Ft
1100	Sign, Type A, Temp, Prismatic, Oper	8120341	250.000	Sft
1110	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
1120	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
1130	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	510.000	Sft
1140	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	510.000	Sft
1150	Traf Regulator Control	8120370	1.000	LSUM
1160	Riprap, Plain	8130010	61.000	Syd
1170	_ Boulder, Relocate	8157050	4.000	Ea
1180	_ Surface Restoration, Hydroseed	8167011	5,759.000	Syd
1190	Conduit, Schedule 80 PVC, 5 inch	8190162	100.000	Ft
120	Pavt, Rem	2040050	3,282.000	Syd

1200	Monument Preservation	8210010	2.000	Ea
1210	Water Main, DI, 8 inch, Tr Det G	8230156	50.000	Ft
1220	_ Gate Well Cover, Adj, Add Depth	8237001	26.000	Ft
1230	_ Gate Well Cover	8237050	13.000	Ea
1240	_ Gate Well Cover, Adj, Case 1	8237050	8.000	Ea
1250	_ Gate Well Cover, Adj, Case 2	8237050	5.000	Ea
1260	_ Water Shutoff, Adj	8237050	2.000	Ea
1270	_ Sprinkler Line	8257001	750.000	Ft
1280	_ Irrigation Control Box, Relocate	8257050	2.000	Ea
1290	_ Sprinkler Head, Relocate	8257050	50.000	Ea
130	Sidewalk, Rem	2040055	70.000	Syd
1300	_ Sprinkler Head, Replace	8257050	50.000	Ea
140	Embankment, CIP	2050010	1,127.000	Cyd
150	Excavation, Earth	2050016	3,847.000	Cyd
160	_ Subgrade Undercut and Refill, 21AA, Limestone	2057021	500.000	Cyd
170	_ Exploratory Excavation	2057050	10.000	Ea
180	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
190	Erosion Control, Silt Fence	2080036	2,645.000	Ft
20	Mobilization, Max \$185,300.00	1500001	1.000	LSUM
200	_ Aggregate Base, 10 inch, Modified	3027011	12,810.000	Syd
210	_ Aggregate Base, 6 inch, Modified	3027011	2,481.000	Syd
220	_ Aggregate Base, 8 inch, Modified	3027011	767.000	Syd
230	Pavt, Rubblize	3040001	7,049.000	Syd
240	Aggregate, Filler	3040010	664.000	Ton
250	Saw Cut, Rubblize	3040013	3,328.000	Ft
260	Maintenance Gravel	3060020	339.000	Ton
270	Shoulder, CI II, 6 inch	3070128	1,226.000	Syd
280	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
290	Culv End Sect, Metal, 12 inch	4010094	7.000	Ea
30	Clearing	2010001	0.040	Acre
300	Culv, CI F, CSP, 12 inch	4010675	149.000	Ft
310	Sewer, CI IV, 12 inch, Tr Det B	4020987	267.000	Ft
320	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
330	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
340	Dr Structure Cover, Type B	4030010	12.000	Ea
350	Dr Structure Cover, Type G	4030040	2.000	Ea
360	Dr Structure Cover, Type J	4030045	1.000	Ea
370	Dr Structure, Adj, Add Depth	4030280	36.000	Ft
380	Dr Structure, Cleaning	4030290	1.000	Ea
390	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
40	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
400	Dr Structure, Temp Lowering	4030390	14.000	Ea
410	_ Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	5.000	Ea
420	_ Sanitary Structure Cover	4037050	5.000	Ea
430	Pavt, Cleaning	5010001	1.000	LSUM

440	Cold Milling HMA Surface	5010002	984.000	Syd
450	HMA Surface, Rem	5010005	12,611.000	Syd
460	Hand Patching	5010025	50.000	Ton
470	HMA, 4E3	5010051	3,692.000	Ton
480	HMA, 5E3	5010057	1,386.000	Ton
490	HMA Approach	5010061	867.000	Ton
50	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
500	Driveway, Nonreinf Conc, 6 inch	8010005	198.000	Syd
510	Curb and Gutter, Conc, Det B2	8020016	2,285.000	Ft
520	Curb and Gutter, Conc, Det F4	8020038	275.000	Ft
530	Driveway Opening, Conc, Det M	8020050	355.000	Ft
540	_ Spillway, Conc, Modified	8027001	24.000	Ft
550	_ Concrete Parking Rail	8027050	8.000	Ea
560	_ Shoulder Gutter, Conc, Det 1, Modified	8027050	1.000	Ea
570	_ Shoulder Gutter, Conc, Det 2, Modified	8027050	8.000	Ea
580	Curb Ramp Opening, Conc	8030030	39.000	Ft
590	Sidewalk Ramp, Conc, 6 inch	8030036	418.000	Sft
60	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
600	Sidewalk, Conc, 4 inch	8030044	782.000	Sft
610	_ Detectable Warning Surface, Modified	8037001	36.000	Ft
620	Guardrail, Type B	8070000	1,301.000	Ft
630	Guardrail, Type MGS-8	8070004	375.000	Ft
640	Guardrail, Curved, Type B	8070010	25.000	Ft
650	Guardrail Approach Terminal, Type 1B	8070040	7.000	Ea
660	Guardrail Approach Terminal, Type 2B	8070042	3.000	Ea
670	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
680	Guardrail Post, Culv	8070070	12.000	Ea
690	Guardrail Reflector	8070080	124.000	Ea
70	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
700	Post, Mailbox	8070095	29.000	Ea
710	Post, Steel, 3 lb	8100371	502.000	Ft
720	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
730	Sign, Type IIA	8100398	28.000	Sft
740	Sign, Type III, Erect, Salv	8100402	1.000	Ea
750	Sign, Type III, Rem	8100403	60.000	Ea
760	Sign, Type IIIA	8100404	63.000	Sft
770	Sign, Type IIIB	8100405	123.000	Sft
780	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	205.000	Ft
790	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	129.000	Ft
80	Sewer, Rem, Less than 24 inch	2030015	175.000	Ft
800	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	10.000	Ea
810	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	10.000	Ea
820	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
830	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

840	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	240.000	Ft
850	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	10,160.000	Ft
860	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	9,801.000	Ft
870	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	1.000	Ea
880	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Blue	8110293	140.000	Ft
890	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, Yellow	8110295	215.000	Ft
90	Curb and Gutter, Rem	2040020	491.000	Ft
900	Recessing Pavt Mrkg, Longit	8110450	20,201.000	Ft
910	Recessing Pavt Mrkg, Transv	8110451	560.000	Sft
920	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
930	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
940	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
950	Channelizing Device, 42 inch, Furn	8120030	150.000	Ea
960	Channelizing Device, 42 inch, Oper	8120031	150.000	Ea
970	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
980	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
990	Minor Traf Devices	8120170	1.000	LSUM



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 047

**Letting Date:** January 10, 2020

**Contract ID:** 82000-202412

**Description:** Superstructure replacement to include 49 inch prestressed concrete bulb-tee beams, drainage, substructure and approach work, concrete curb and gutter, sidewalk, sidewalk ramps, guardrail and pavement markings on Brady Street over Lower River Rouge in the city of Dearborn, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202412A	N/A	N/A	MCS 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$165,000.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	_ Gas Main, Rem, 12 inch	2037001	150.000	Ft
0040	_ Gas Main, Rem, 4 inch	2037001	150.000	Ft
0050	Curb and Gutter, Rem	2040020	250.000	Ft
0060	Guardrail, Rem	2040035	250.000	Ft
0070	Pavt, Rem	2040050	530.000	Syd
0080	Sidewalk, Rem	2040055	233.000	Syd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0100	Erosion Control, Silt Fence	2080036	400.000	Ft
0110	Erosion Control, Turbidity Curtain, Shallow	2080044	75.000	Ft
0120	Aggregate Base, 6 inch	3020016	85.000	Syd
0130	Aggregate Base, 12 inch	3020030	617.000	Syd
0140	Geotextile, Separator	3080005	617.000	Syd
0150	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0160	Dr Structure Cover, Type B	4030010	1.000	Ea
0170	Dr Structure Cover, Type K	4030050	4.000	Ea
0180	Dr Structure, Tap, 6 inch	4030306	8.000	Ea
0190	Underdrain, Subgrade, 6 inch	4040073	150.000	Ft
0200	Joint, Expansion, E3	6020208	116.000	Ft
0210	_ Concrete Pavement, Special, 12 inch	6027011	325.000	Syd
0220	Curb and Gutter, Conc, Det C4	8020023	160.000	Ft
0230	Sidewalk Ramp, Conc, 6 inch	8030036	48.000	Sft
0240	Sidewalk, Conc, 6 inch	8030046	1,500.000	Sft
0250	Guardrail, Type B	8070000	25.000	Ft
0260	Guardrail, Type MGS-8	8070004	88.000	Ft
0270	Guardrail, Curved, Type B	8070010	38.000	Ft

0280	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0290	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0300	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0310	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0320	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0330	Post, Steel, 2 lb	8100370	56.000	Ft
0340	Sign, Type I, Erect, Salv	8100390	4.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
0360	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	650.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	450.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0420	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	213.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	213.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
0480	Fertilizer, Chemical Nutrient, CI A	8160020	20.000	Lb
0490	Mulch Blanket	8160027	484.000	Syd
0500	Seeding, Mixture THM	8160039	22.000	Lb
0510	Slope Restoration, Type A	8160100	484.000	Syd
0520	_ Water Main, DI, 12 inch, Insulated	8237001	100.000	Ft
0530	_ Water Main, DI, 12 inch, Tr Det G	8237001	40.000	Ft
0540	_ Water Main, Rem	8237001	140.000	Ft
0550	_ Water Main, 12 inch, Cut and Plug	8237050	2.000	Ea

**Section: 2**

0560	Structures, Rem Portions	2040061	1.000	LSUM
0570	Backfill, Structure, CIP	2060002	130.000	Cyd
0580	Excavation, Fdn	2060010	390.000	Cyd
0590	Underdrain, Fdn, 6 inch	4040033	270.000	Ft
0600	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0610	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0620	Bridge Ltg, Oper and Maintain	7060002	270.000	Cyd
0630	Conduit, 3 inch	7060030	480.000	Ft
0640	Expansion Joint Device	7060050	55.000	Ft
0650	Expansion Joint Device, Cover Plate	7060051	16.000	Ft
0660	False Decking	7060060	5,800.000	Sft
0670	Reinforcement, Steel, Epoxy Coated	7060092	74,772.000	Lb
0680	Substructure Conc	7060100	18.000	Cyd

0690	Superstructure Conc	7060110	121.000	Cyd
0700	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0710	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0720	Water Repellent Treatment, Penetrating	7060140	134.000	Syd
0730	_ Superstructure Conc, Night Casting, Special	7067021	270.000	Cyd
0740	Bearing, Elastomeric, 1 3/4 inch	7070015	2,331.000	Sin
0750	Bearing, Elastomeric, 3 inch	7070020	2,997.000	Sin
0760	_ Structural Steel, Mixed, Erect	7077030	4,200.000	Lb
0770	_ Structural Steel, Mixed, Furn and Fab	7077030	4,200.000	Lb
0780	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	900.000	Ft
0790	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	900.000	Ft
0800	Joint Waterproofing	7100001	300.000	Sft
0810	Joint Waterproofing, Expansion	7100003	108.000	Sft
0820	Conc Surface Coating	7100011	445.000	Syd
0830	_ Bridge Railing, Texas, Modified	7117001	232.000	Ft
0840	_ Bridge Name Plate	7117050	2.000	Ea
0850	_ Existing Name Plate	7117050	4.000	Ea
0860	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	40.000	Ea
0870	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	172.000	Ea
0880	_ Articulating Concrete Block Repair	8137011	85.000	Syd
0890	_ Decorative Lighting	8197050	4.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 048

**Letting Date:** January 10, 2020

**Contract ID:** 50000-209102

**Description:** 1.90 mi of hot mix asphalt road rehabilitation, cold milling and resurfacing, detailed 7 joint repairs, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, guardrail and pavement markings on 21 Mile Road from Schoenherr Road to Garfield Road, Macomb County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209102A	20A0141	N/A	HIPU 50000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$151,000.00	1500001	1.000	LSUM
0020	_ Station Grading	2027002	2.000	Sta
0030	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0040	Curb and Gutter, Rem	2040020	850.000	Ft
0050	Guardrail, Rem	2040035	320.000	Ft
0060	Pavt, Rem	2040050	1,340.000	Syd
0070	Sidewalk, Rem	2040055	360.000	Syd
0080	_ Subgrade Undercutting, Special	2057021	10.000	Cyd
0090	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0100	Aggregate Base	3020001	290.000	Ton
0110	Shoulder, CI II	3070121	1,210.000	Ton
0120	Dr Structure Cover, Type D	4030025	2.000	Ea
0130	Dr Structure Cover, Type K	4030050	5.000	Ea
0140	Dr Structure, Cleaning	4030290	12.000	Ea
0150	Dr Structure, Temp Lowering	4030390	5.000	Ea
0160	_ Dr Structure, Adj, Add Depth, Modified	4037001	10.000	Ft
0170	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	12.000	Ea
0180	_ Dr Structure Cover, Type B, Modified	4037050	5.000	Ea
0190	_ Underdrain, Subgrade, 6 inch, Modified	4047001	200.000	Ft
0200	Pavt, Cleaning	5010001	1.000	LSUM
0210	Pavt for Butt Joints, Rem	5010008	1,050.000	Syd
0220	Pavt Joint and Crack Repr, Det 7	5010020	9,230.000	Ft
0230	Hand Patching	5010025	550.000	Ton
0240	HMA, 3E3	5010045	150.000	Ton
0250	HMA, 5E3	5010057	5,620.000	Ton
0260	HMA Approach	5010061	2,330.000	Ton
0270	_ Cold Milling Existing Pavement for Curb Reveal, 0-3 inch Deep	5017011	2,460.000	Syd

0280	_ Cold Milling Existing Pavement, 2 inch Deep, Mod	5017011	33,286.000	Syd
0290	Lane Tie, Epoxy Anchored	6030030	1,270.000	Ea
0300	Curb and Gutter, Conc, Det F3	8020037	1,150.000	Ft
0310	Driveway Opening, Conc, Det M	8020050	120.000	Ft
0320	Curb Ramp Opening, Conc	8030030	550.000	Ft
0330	Sidewalk, Conc, 4 inch	8030044	1,080.000	Sft
0340	_ Sidewalk Ramp, ADA, Modified	8037010	2,120.000	Sft
0350	Guardrail, Type B	8070000	50.000	Ft
0360	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0370	Guardrail Approach Terminal, Type 1B	8070040	4.000	Ea
0380	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0390	Guardrail Reflector	8070080	12.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0420	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	12,320.000	Ft
0430	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,010.000	Ft
0440	Pavt Mrkg, Polyurea, 6 inch, White	8110094	15,690.000	Ft
0450	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	240.000	Ft
0460	Rem Spec Mrkg	8110343	640.000	Sft
0470	Recessing Pavt Mrkg, Longit	8110450	28,010.000	Ft
0480	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, White	8110480	15,110.000	Ft
0490	Pavt Mrkg, Wet Retrflec Waterborne, 4 inch, Yellow	8110484	11,650.000	Ft
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	550.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	550.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	669.000	Ft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,358.000	Ft
0570	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0580	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	1,400.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	1,400.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	400.000	Sft
0620	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	400.000	Sft
0630	Traf Regulator Control	8120370	1.000	LSUM
0640	_ Turf Establishment, Modified	8167011	2,280.000	Syd
0650	Monument Box Adjust	8210005	3.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 049

**Letting Date:** January 10, 2020

**Contract ID:** 82000-203592

**Description:** 0.81 mi of hot mix asphalt cold milling and resurfacing, pavement repair, concrete integral pavement, aggregate base and pavement markings on Schaefer Road from River Rouge to Butler Road in the city of Dearborn, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203592A	20A0140	N/A	STU 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$126,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	2.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0040	Curb and Gutter, Rem	2040020	100.000	Ft
0050	Curb, Rem	2040021	100.000	Ft
0060	Pavt, Rem	2040050	3,600.000	Syd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0080	Project Cleanup	2090001	1.000	LSUM
0090	Aggregate Base, 6 inch	3020016	6,070.000	Syd
0100	Maintenance Gravel, LM	3060021	100.000	Cyd
0110	Sewer, CI E, 12 inch, Tr Det B	4020600	10.000	Ft
0120	Dr Structure Cover, Adj, Case 1	4030005	32.000	Ea
0130	Dr Structure, 24 inch dia	4030200	1.000	Ea
0140	Dr Structure, 48 inch dia	4030210	1.000	Ea
0150	Dr Structure, Cleaning	4030290	32.000	Ea
0160	_ Dr Structure Cover, Modified	4037050	16.000	Ea
0170	Cold Milling HMA Surface	5010002	24,700.000	Syd
0180	HMA Surface, Rem	5010005	3,600.000	Syd
0190	Pavt for Butt Joints, Rem	5010008	250.000	Syd
0200	Pavt Joint and Crack Repr, Det 7	5010020	1,600.000	Ft
0210	Pavt Joint and Crack Repr, Det 8	5010021	400.000	Ft
0220	Hand Patching	5010025	190.000	Ton
0230	HMA, 4E10	5010052	3,300.000	Ton
0240	HMA, 5E10	5010058	2,550.000	Ton
0250	__ Conc Pavt with Integral Curb, Nonreinf, 10 inch, Modified	6027011	3,600.000	Syd
0260	Cold Milling Conc Pavt	6030014	50.000	Syd
0270	Pavt Repr, Nonreinf Conc, 10 inch	6030048	3,600.000	Syd

0280	Pavt Repr, Rem	6030080	3,600.000	Syd
0290	_ Curb and Gutter, Conc, Det F4, Modified	8027001	200.000	Ft
0300	Pavt Mrkg, Polyurea, 4 inch, White	8110091	400.000	Ft
0310	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	7,000.000	Ft
0320	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	1,000.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	200.000	Ft
0340	Rem Curing Compound, for Spec Mrkg	8110321	200.000	Sft
0350	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0360	Pavt Mrkg, Polyurea, Only	8110410	6.000	Ea
0370	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0380	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0390	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0440	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	300.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	300.000	Ea
0470	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0480	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0490	Fertilizer, Chemical Nutrient, CI A	8160020	10.000	Lb
0500	Mulch Blanket	8160027	500.000	Syd
0510	Seeding, Mixture TUF	8160042	50.000	Lb
0520	Topsoil Surface, Furn, 4 inch	8160062	500.000	Syd
0530	Water, Sodding/Seeding	8160090	50.000	Unit

**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 050**Letting Date:** January 10, 2020**Contract ID:** 73000-202394

**Description:** Bridge deck replacement, concrete approach pavement, curb and gutter, sidewalk, guardrail, and pavement markings on Norman Street over Veterans Memorial Parkway 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
202394A	N/A	N/A	MCS 73000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$106,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	185.000	Ft
0030	Sidewalk, Rem	2040055	90.000	Syd
0040	Embankment, CIP	2050010	80.000	Cyd
0050	Excavation, Earth	2050016	470.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0080	Erosion Control, Silt Fence	2080036	63.000	Ft
0090	Subbase, CIP	3010002	126.000	Cyd
0100	_ Aggregate, Base, 23 inch, Modified	3027011	190.000	Syd
0110	_ Aggregate, Base, 5 inch, Modified	3027011	29.000	Syd
0120	_ Aggregate, Base, 8 inch, Modified	3027011	121.000	Syd
0130	Maintenance Gravel	3060020	25.000	Ton
0140	_ Approach, CI I, 8 inch, Modified	3077011	29.000	Syd
0150	HMA Surface, Rem	5010005	278.000	Syd
0160	HMA, 3C	5010031	100.000	Ton
0170	HMA, 13A	5010033	50.000	Ton
0180	_ Conc Pavt, Bridge Approach, Modified	6027011	122.000	Syd
0190	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	29.000	Syd
0200	Curb and Gutter, Bridge Approach	8020010	80.000	Ft
0210	_ Curb and Gutter, Conc, Det F4, Modified	8027001	108.000	Ft
0220	_ Sidewalk, Conc, 4 inch, Modified	8037010	664.000	Sft
0230	Guardrail, Type B	8070000	13.000	Ft
0240	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0250	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0260	Guardrail Approach Terminal, Type 2B	8070042	1.000	Ea
0270	Guardrail Reflector	8070080	10.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	70.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	70.000	Ft
0300	Barricade, Type III, High Intensity, Lighted, Furn	8120022	16.000	Ea
0310	Barricade, Type III, High Intensity, Lighted, Oper	8120023	16.000	Ea
0320	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, High Intensity, Furn	8120250	42.000	Ea
0370	Plastic Drum, High Intensity, Oper	8120251	42.000	Ea
0380	Sign Cover	8120310	78.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	871.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	871.000	Sft
0410	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	72.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	72.000	Sft
0430	Slope Restoration, Type A	8160100	160.000	Syd

**Section: 2**

0440	Underdrain, Fdn, 4 inch	4040031	292.000	Ft
0450	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0460	Bridge Ltg, Furn and Rem , STR 9444	7060001	1.000	LSUM
0470	Bridge Ltg, Oper and Maintain	7060002	134.000	Cyd
0480	Expansion Joint Device	7060050	120.000	Ft
0490	Expansion Joint Device, Cover Plate	7060051	9.000	Ft
0500	False Decking	7060060	4,201.000	Sft
0510	Reinforcement, Steel	7060090	400.000	Lb
0520	Reinforcement, Steel, Epoxy Coated	7060092	38,374.000	Lb
0530	Superstructure Conc	7060110	48.000	Cyd
0540	Superstructure Conc, Form, Finish, and Cure , STR 9444	7060111	1.000	LSUM
0550	Superstructure Conc, Form, Finish, and Cure, Night Casting , STR 9444	7060112	1.000	LSUM
0560	Superstructure Conc, Night Casting	7060113	134.000	Cyd
0570	_ Water Repellent Treatment, Penetrating, Modified	7067051	1.000	LSUM
0580	Shear Developers , STR 9444	7070040	1.000	LSUM
0590	Joint Waterproofing	7100001	250.000	Sft
0600	Penetrating Healer/Sealer, Bridge Deck	7100025	400.000	Syd
0610	Substructure Horizontal Surface Sealer , STR 9444	7100030	17.000	Syd
0620	Bridge Railing, 4 Tube	7110010	204.000	Ft
0630	Hand Chipping, Other Than Deck	7120007	25.000	Cft
0640	Patch, Forming	7120017	100.000	Sft
0650	Structures, Rehabilitation, Rem Portions , STR 9444	7120070	1.000	LSUM
0660	Top Flanges and Beam Ends, Clean and Coat	7120100	86.000	Syd
0670	Patching Conc, C-L	7120112	2.000	Cyd
0680	Embedded Galvanic Anode	7120120	30.000	Ea

0690	Beam Plate, Seal Perimeter	7130010	458.000	Ft
0700	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,676.000	Lb
0710	Protective Shield, Utility Pipe	7150025	114.000	Ft
0720	Steel Structure, Cleaning, Type 4 , STR 9444	7150045	1.000	LSUM
0730	Steel Structure, Coating, Type 4 , STR 9444	7150046	1.000	LSUM
0740	Fence, Structure	8080110	2,360.000	Sft

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 051

**Letting Date:** January 10, 2020

**Contract ID:** 81000-203568

**Description:** 2.00 mi of hot mix asphalt cold milling, crushing, shaping and resurfacing, concrete curb and gutter, sidewalk ramps, gravel shoulder and pavement markings on Six Mile Road from Whitmore Lake Road to US-23, Whitmore Lake Road from Five Mile Road to Six Mile Road, Waters Road from the Pittsfield township line to Oak Valley Drive and Maple Street from the Saline city limits to Textile Road, Washtenaw County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
203568A	20A0127	N/A	STU 81000
203572A	20A0122	N/A	STU 81000
205954A	20A0123	N/A	STU 81000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$105,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	265.000	Ft
0030	Sidewalk, Rem	2040055	160.000	Syd
0040	Project Cleanup	2090001	1.000	LSUM
0050	_ Shoulder, CI II, Modified	3077031	476.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0070	_ Drainage Structure Repair, Greater than 6 inches	4037001	12.000	Ft
0080	_ Sanitary Structure Cover, Adj, Case 1	4037050	13.000	Ea
0090	_ Sanitary Structure Cover, Adj, Case 2	4037050	1.000	Ea
0100	Cold Milling HMA Surface	5010002	46,475.000	Syd
0110	HMA Surface, Rem	5010005	35.000	Syd
0120	HMA, 5E1	5010056	4,045.000	Ton
0130	HMA Approach	5010061	302.000	Ton
0140	HMA, LVSP	5010703	2,618.000	Ton
0150	_ Void Reducing Asphalt Membrane	5017001	15,990.000	Ft
0160	_ Hand Patching, Modified	5017031	76.000	Ton
0170	Conc, Grade P1	6020030	4.000	Cyd
0180	Curb and Gutter, Conc, Det F4	8020038	193.000	Ft
0190	Detectable Warning Surface	8030010	50.000	Ft
0200	Curb Ramp Opening, Conc	8030030	80.000	Ft
0210	Sidewalk Ramp, Conc, 6 inch	8030036	1,388.000	Sft
0220	Post, Mailbox	8070095	3.000	Ea
0230	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	25.000	Ft



0250	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	154.000	Ft
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	45.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	18,454.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	31,835.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	18,454.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	31,835.000	Ft
0310	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0320	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0350	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0360	Channelizing Device, 42 inch, Furn	8120030	130.000	Ea
0370	Channelizing Device, 42 inch, Oper	8120031	130.000	Ea
0380	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	1,536.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,536.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Turf Establishment, Performance	8167011	80.000	Syd
0450	Wireless Vehicle Detection System	8200422	2.000	Ea
0460	Wireless Vehicle Sensor Node	8200425	24.000	Ea
0470	_ Wireless Repeater, Flex	8207050	4.000	Ea
0480	_ Monument Box, Modified	8217050	7.000	Ea
0490	_ Utility Structure, Adj, Case 1	8237050	1.000	Ea

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**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 052

**Letting Date:** January 10, 2020

**Contract ID:** 77147-133414

**Description:** 0.40 mi of hot mix asphalt base crushing, shaping and resurfacing, earthwork, drainage and pavement markings on Range Road from north of Ashley Road to south of Griswold Road, St. Clair County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133414A	20A0111	N/A	STUL 77147

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$50,600.00	1500001	1.000	LSUM
0020	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	6.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	28.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0060	_ Headwall, Rem	2037050	5.000	Ea
0070	_ Pavt, Rem, Modified	2047011	919.000	Syd
0080	Ditch Cleanout	2050006	9.000	Sta
0090	Embankment, CIP	2050010	938.000	Cyd
0100	Excavation, Earth	2050016	2,520.000	Cyd
0110	Erosion Control, Check Dam, Stone	2080012	45.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0130	_ Aggregate Base, Modified	3027031	1,242.000	Ton
0140	HMA Base Crushing and Shaping	3050002	4,504.000	Syd
0150	Trenching	3070200	38.000	Sta
0160	_ Approach, CI II, Modified	3077031	238.000	Ton
0170	_ Shoulder, CI II, Modified	3077031	427.000	Ton
0180	_ Geotextile Base Reinforcement	3087011	85.000	Syd
0190	Culv End Sect, Conc, 36 inch	4010053	2.000	Ea
0200	Culv End Sect, Footing	4010072	2.000	Ea
0210	Culv End Sect, Metal, 18 inch	4010096	18.000	Ea
0220	Culv, CI F, CSP, 15 inch	4010676	300.000	Ft
0230	Culv, CI F, CSP, 18 inch	4010677	248.000	Ft
0240	Culv, CSP Arch, CI F, 21 inch by 15 inch	4010770	44.000	Ft
0250	_ Culv, CI E, Conc, 36 inch, Modified	4017001	56.000	Ft
0260	_ Culv, CI F, 24 inch, Special	4017001	58.000	Ft
0270	_ Culv, CI F, CSP, 24 inch, Modified	4017001	282.000	Ft

0280	HMA, 3E10	5010046	1,347.000	Ton
0290	HMA, 4E10	5010052	858.000	Ton
0300	HMA Approach	5010061	44.000	Ton
0310	Driveway, Nonreinf Conc, 6 inch	8010005	83.000	Syd
0320	_ Relocate Mailboxes	8077050	28.000	Ea
0330	Pavt Mrkg, Polyurea, 4 inch, White	8110091	150.000	Ft
0340	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	964.000	Ft
0350	Pavt Mrkg, Polyurea, 6 inch, White	8110094	4,070.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0380	Channelizing Device, 42 inch, Furn	8120030	45.000	Ea
0390	Channelizing Device, 42 inch, Oper	8120031	45.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	150.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	250.000	Ft
0450	Plastic Drum, High Intensity, Furn	8120250	20.000	Ea
0460	Plastic Drum, High Intensity, Oper	8120251	20.000	Ea
0470	Sign Cover	8120310	17.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0490	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	723.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	723.000	Sft
0520	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	229.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	229.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	_ Slope Restoration, Modified	8167011	9,450.000	Syd



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 053

**Letting Date:** January 10, 2020

**Contract ID:** 82000-202414

**Description:** Bridge rehabilitation including concrete deck replacement, joint repair and approach work on John Hix Road over Lower River Rouge in the city of Wayne, Wayne County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202414A	N/A	N/A	MCS 82000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
10	Mobilization, Max \$28,000.00	1500001	1.000	LSUM
100	Erosion Control, Sediment Trap	2080034	2.000	Ea
110	Erosion Control, Silt Fence	2080036	300.000	Ft
120	Project Cleanup	2090001	1.000	LSUM
130	_ Audio Video DVD, Special	2097051	1.000	LSUM
140	Aggregate Base, 12 inch	3020030	62.000	Syd
150	Geotextile, Separator	3080005	62.000	Syd
160	HMA Patch, Rem	5010006	65.000	Syd
170	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	58.000	Syd
180	Joint, Contraction, Crg	6030020	68.000	Ft
190	Sidewalk, Conc, 4 inch	8030044	90.000	Sft
20	Clearing, Fence	2010002	2.000	Sta
200	Fence, Protective	8080007	100.000	Ft
210	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	30.000	Ft
220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
240	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
250	Minor Traf Devices	8120170	1.000	LSUM
260	Sign, Type B, Temp, Prismatic, Furn	8120350	362.000	Sft
270	Sign, Type B, Temp, Prismatic, Oper	8120351	362.000	Sft
280	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	102.000	Sft
290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	102.000	Sft
30	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
300	Slope Restoration, Type A	8160100	200.000	Syd
310	Slope Restoration, Type C	8160102	100.000	Syd
320	Conduit, Rem	8190140	315.000	Ft
40	Guardrail, Rem	2040035	150.000	Ft

50	Pavt, Rem	2040050	58.000	Syd
60	Sidewalk, Rem	2040055	10.000	Syd
70	Embankment, CIP	2050010	16.000	Cyd
80	_ Subgrade Undercutting, Modified	2057021	30.000	Cyd
90	Erosion Control, Maintenance, Sediment Removal	2080026	50.000	Cyd

**Section: 2**

330	Excavation, Earth	2050016	40.000	Cyd
340	Backfill, Structure, CIP	2060002	24.000	Cyd
350	Joint, Expansion, E3	6020208	68.000	Ft
360	Reinforcement, Steel, Epoxy Coated	7060092	14,440.000	Lb
370	Superstructure Conc	7060110	113.000	Cyd
380	Superstructure Conc, Form, Finish, and Cure (SN12521)	7060111	1.000	LSUM
390	Bridge Railing, Aesthetic Parapet Tube	7110005	174.000	Ft
400	Structures, Rehabilitation, Rem Portions (SN12521)	7120070	1.000	LSUM
410	_ Joint Filler, Type 1	7127001	7.000	Ft
420	_ Joint Filler, Type 2	7127001	20.000	Ft
430	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea



**Schedule of Pay Items**

Report v1

**Letting Call:** 200110 054

**Letting Date:** January 10, 2020

**Contract ID:** 61000-132823

**Description:** 1.02 mi of hot mix asphalt crushing, shaping and resurfacing, shoulders and pavement markings on Automobile Road from Lakewood Road to White Lake Drive in the village of Lakewood Club, Muskegon County. This is a Local Agency project.

**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132823A	20A0109	N/A	STUL 61000

**List of Items by Section**

Line Num	Item Description	Item ID	Quantity	Units
<b>Section: 1</b>				
0010	Mobilization, Max \$51,300.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	100.000	Syd
0030	HMA Base Crushing and Shaping	3050002	20,350.000	Syd
0040	Approach, CI I	3070001	380.000	Ton
0050	Shoulder, CI III, 6 inch	3070148	2,650.000	Syd
0060	Trenching	3070200	108.000	Sta
0070	HMA Surface, Rem	5010005	200.000	Syd
0080	HMA, 13A	5010033	3,600.000	Ton
0090	HMA Approach	5010061	25.000	Ton
0100	Driveway, Nonreinf Conc, 6 inch	8010005	100.000	Syd
0110	Post, Mailbox	8070095	40.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,675.000	Ft
0130	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,335.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,675.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,335.000	Ft
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0200	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,800.000	Ft
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	207.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	207.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	68.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	68.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM

0270

\_ Slope Restoration

8167002

54.000

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