

Schedule of Pay Items

Report v1

Letting Call: 210108 001

Letting Date: January 8, 2021

Contract ID: 41000-206011

Description: 1.29 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on Wilson Avenue from the south city limits to the north city limits in the city of Wyoming, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206011A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$131,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	7,338.000	Ft
0030	Pavt, Rem	2040050	1,624.000	Syd
0040	Sidewalk, Rem	2040055	651.000	Syd
0050	Embankment, CIP	2050010	156.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0070	Dr Structure Cover, Adj, Case 1	4030005	47.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0090	Dr Structure, Temp Lowering	4030390	44.000	Ea
0100	_ Dr Structure Cover, Modified	4037050	34.000	Ea
0110	Cold Milling HMA Surface	5010002	62,787.000	Syd
0120	HMA Surface, Rem	5010005	322.000	Syd
0130	Hand Patching	5010025	259.000	Ton
0140	HMA, 5E10	5010058	6,960.000	Ton
0150	_ Conc Pavt, Nonreinf, 4 inch, Modified	6027011	50.000	Syd
0160	_ Curb and Gutter, Conc, 18 inch, Modified	8027001	3,634.000	Ft
0170	_ Curb and Gutter, Conc, 30 inch, Modified	8027001	3,389.000	Ft
0180	_ Curb Ramp Opening, Conc, Modified	8027001	428.000	Ft
0190	_ Gutter, Conc, 48 inch, Modified	8027001	120.000	Ft
0200	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0210	_ Sidewalk Ramp, Conc, 4 inch, Modified	8037010	4,200.000	Sft
0220	_ Sidewalk, Conc, 4 inch, Modified	8037010	3,587.000	Sft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	12,245.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	380.000	Ft
0250	_ Pavt Mrkg, Inlay Cold Plastic, 24 inch Crosswalk	8117001	546.000	Ft
0260	_ Pavt Mrkg, Inlay Cold Plastic, 24 inch Stop Bar	8117001	280.000	Ft
0270	_ Pavt Mrkg, Inlay Cold Plastic, Lt Turn Arrow	8117050	36.000	Ea

0280	_ Pavt Mrkg, Inlay Cold Plastic, Rt Turn Arrow	8117050	1.000	Ea
0290	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0370	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0380	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0410	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0430	Traf Regulator Control	8120370	1.000	LSUM
0440	_ Seeding Mixture, Hydromulch	8167011	5,406.000	Syd
0450	_ Topsoil Surface, Furn, 4 inch, Modified	8167011	5,406.000	Syd
0460	Traf Loop	8200170	4.000	Ea
0470	Gate Box, Adj, Temp, Case 1	8230391	6.000	Ea
0480	Gate Box, Reconst, Case 1	8230411	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 210108 002**Letting Date:** January 8, 2021**Contract ID:** 33000-129981

Description: Bridge replacement on Aurelius Road over Grand Trunk Western Railroad and 0.81 mi of hot mix asphalt reconstruction, concrete curb and gutter, guardrail and pavement markings on Aurelius Road from the I-496 bridge to Mt. Hope Avenue in the city of Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129981A	21A0019	N/A	STU 33000
202456A	N/A	N/A	MCS 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$387,200.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	15.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	375.000	Ft
0040	Curb and Gutter, Rem	2040020	2,748.000	Ft
0050	Curb, Rem	2040021	12.000	Ft
0060	Pavt, Rem	2040050	11,187.000	Syd
0070	Sidewalk, Rem	2040055	112.000	Syd
0080	Embankment, CIP	2050010	2,176.000	Cyd
0090	Excavation, Earth	2050016	6,112.000	Cyd
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0110	Erosion Control, Silt Fence	2080036	6,000.000	Ft
0120	Subbase, CIP	3010002	4,450.000	Cyd
0130	Aggregate Base, 4 inch	3020010	3,198.000	Syd
0140	Aggregate Base, 6 inch	3020016	168.000	Syd
0150	Aggregate Base, 8 inch	3020020	14,814.000	Syd
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	486.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0180	Dr Structure Cover, Type K	4030050	29.000	Ea
0190	Dr Structure, 48 inch dia	4030210	20.000	Ea
0200	Dr Structure, Tap, 6 inch	4030306	8.000	Ea
0210	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0220	Underdrain, Subgrade, 6 inch	4040073	720.000	Ft
0230	Underdrain Outlet, 6 inch	4040093	180.000	Ft
0240	HMA Surface, Rem	5010005	4,224.000	Syd
0250	HMA, 3E1	5010044	2,445.000	Ton
0260	HMA, 5E1	5010056	1,629.000	Ton

0270	HMA, LVSP	5010703	194.000	Ton
0280	Conc Pavt, Bridge Approach, Reinf	6020600	134.000	Syd
0290	Curb and Gutter, Conc, Det F3	8020037	12.000	Ft
0300	Curb and Gutter, Conc, Det F4	8020038	211.000	Ft
0310	Detectable Warning Surface	8030010	56.000	Ft
0320	Curb Ramp Opening, Conc	8030030	58.000	Ft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	1,371.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	640.000	Sft
0350	Guardrail, Type MGS-8	8070004	826.000	Ft
0360	Guardrail, Curved, Type MGS-8	8070012	50.000	Ft
0370	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0380	Guardrail, Salv	8070075	1,084.000	Ft
0390	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0400	Post, Steel, 3 lb	8100371	105.000	Ft
0410	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0420	Sign, Type III, Rem	8100403	19.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	69.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0460	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	80.000	Ft
0470	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,021.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,391.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,021.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,391.000	Ft
0510	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	592.000	Ft
0520	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
0540	Pedestrian Type II Barricade, Temp	8120026	19.000	Ea
0550	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0560	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0570	Conc Barrier, Temp, Furn	8120081	260.000	Ft
0580	Conc Barrier, Temp, Oper	8120082	260.000	Ft
0590	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0600	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0610	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0620	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0640	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,941.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft
0670	Plastic Drum, Fluorescent, Furn	8120252	210.000	Ea
0680	Plastic Drum, Fluorescent, Oper	8120253	210.000	Ea

0690	Sign Cover	8120310	5.000	Ea
0700	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0710	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	1,632.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	1,632.000	Sft
0740	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0750	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0760	Traf Regulator Control	8120370	1.000	LSUM
0770	_ Turf Establishment, Performance	8167011	4,822.000	Syd
0780	Conduit, Rem	8190140	466.000	Ft
0790	Hh, Adj	8190244	2.000	Ea
0800	Hh, Rem	8190254	5.000	Ea
0810	Hh, Round	8190260	4.000	Ea
0820	_ Curb and Gutter, Conc, Det F5, Modified	8207001	80.000	Ft
0830	_ Curb and Gutter, Conc, Det F6, Modified	8207001	2,599.000	Ft
0840	Contractor Staking	8240001	1.000	LSUM
0850	Staking Plan Errors and Extras, One Person	8240020	32.000	Hr
0860	Staking Plan Errors and Extras, Two Person	8240021	13.000	Hr
0870	Staking Plan Errors and Extras, Three Person	8240022	19.000	Hr

Section: 2

0880	Structures, Rem Portions (SN3956)	2040061	1.000	LSUM
0890	_ Exploratory Excavation	2047001	100.000	Ft
0900	Aggregate, 6A	2060001	113.000	Cyd
0910	Backfill, Structure, CIP	2060002	5,170.000	Cyd
0920	Backfill, Select	2060004	8,870.000	Cyd
0930	Excavation, Fdn	2060010	12,110.000	Cyd
0940	Open-Graded Dr Cse, CIP	3030030	307.000	Cyd
0950	Geotextile, Separator	3080005	260.000	Syd
0960	Dr Structure Cover, Adj, Case 2	4030006	7.000	Ea
0970	Dr Structure, Adj, Add Depth	4030280	40.000	Ft
0980	Underdrain, Fdn, 4 inch	4040031	1,130.000	Ft
0990	Underdrain Outlet, 4 inch	4040091	80.000	Ft
1000	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
1010	Pile Driving Equipment, Furn	7050002	1.000	LSUM
1020	Pile, Steel, Furn and Driven, 14 inch	7050034	1,720.000	Ft
1030	Test Pile, Steel, 14 inch	7050035	4.000	Ea
1040	Pile Point, Steel	7050039	24.000	Ea
1050	Pile, Steel, Splice	7050050	24.000	Ea
1060	_ Pile Protection	7057001	690.000	Ft
1070	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
1080	Bridge Ltg, Oper and Maintain	7060002	277.000	Cyd
1090	Conduit, 3 inch	7060030	750.000	Ft

1100	Expansion Joint Device	7060050	114.000	Ft
1110	Expansion Joint Device, Cover Plate	7060051	40.000	Ft
1120	False Decking	7060060	15,258.000	Sft
1130	Reinforcement, Steel, Epoxy Coated	7060092	81,897.000	Lb
1140	Substructure Conc	7060100	110.000	Cyd
1150	Superstructure Conc	7060110	180.000	Cyd
1160	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
1170	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
1180	Superstructure Conc, Night Casting	7060113	277.000	Cyd
1190	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	7,380.000	Sft
1200	Mechanically Stabilized Earth Wall, Precast, Install	7060201	7,380.000	Sft
1210	Mechanically Stabilized Earth Wall Coving, Precast	7060206	680.000	Ft
1220	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	370.000	Ft
1230	Liner, PVC, 30 mil	7060209	1,889.000	Syd
1240	Bearing, Elastomeric, 3 inch	7070020	5,920.000	Sin
1250	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	3,490.000	Lb
1260	Steel Diaphragm, Prest Conc Beam, Erect	7070054	3,490.000	Lb
1270	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	820.000	Ft
1280	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	820.000	Ft
1290	Joint Waterproofing	7100001	120.000	Sft
1300	Joint Waterproofing, Expansion	7100003	220.000	Sft
1310	Conc Surface Coating (SN3956)	7100010	1.000	LSUM
1320	Bridge Railing, 4 Tube	7110010	265.000	Ft
1330	_ Rem and Salv of Type R-11 Railing Components	7127051	1.000	LSUM
1340	_ Transporting Salvaged Type R-11 Railing Materials	7127051	1.000	LSUM
1350	Fence, Structure	8080110	2,560.000	Sft
1360	_ Water Main, DI, 16 inch, Bridge Crossing	8237001	202.000	Ft
1370	_ Water Main, Rem	8237001	202.000	Ft
1380	_ Water Main, Bridge Support Assembly	8237050	13.000	Ea
1390	_ Railroad Inspection and Flagging	8507060	120,000.000	Dlr
1400	_ Railroad Protection	8507060	50,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210108 003

Letting Date: January 8, 2021

Contract ID: 63000-205991

Description: 1.01 mi of hot mix asphalt widening and resurfacing, concrete curb and gutter, culverts, culvert precast box beam, sewer, drainage, steel sheet piling, signing and pavement marking on 11 Mile Road from Middlebelt Road to Inkster Road in the city of Farmington Hills, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205991A	21A0091	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Video Route Survey	1077051	1.000	LSUM
0020	_ Reimbursed Permit Fees	1077060	6,250.000	Dir
0030	Mobilization, Max \$327,000.00	1500001	1.000	LSUM
0040	Clearing	2010001	0.540	Acre
0050	Tree, Rem, 19 inch to 36 inch	2020002	30.000	Ea
0060	Tree, Rem, 6 inch to 18 inch	2020004	68.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0080	_ Tree Trimming	2027002	1.000	Sta
0090	Culv, Rem, Less than 24 inch	2030001	21.000	Ea
0100	Culv, Rem, Over 48 inch	2030003	7.000	Ea
0110	Dr Structure, Rem	2030011	6.000	Ea
0120	Curb and Gutter, Rem	2040020	2,928.000	Ft
0130	Fence, Rem	2040025	85.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0150	Pavt, Rem	2040050	3,289.000	Syd
0160	Sidewalk, Rem	2040055	282.000	Syd
0170	Exploratory Investigation, Vertical	2040080	100.000	Ft
0180	_ Decorative Fence, Salvage and Reinstall	2047001	55.000	Ft
0190	Embankment, CIP	2050010	1,815.000	Cyd
0200	Excavation, Earth	2050016	9,646.000	Cyd
0210	_ Subgrade Undercutting, 21AA	2057021	500.000	Cyd
0220	Backfill, Structure, CIP	2060002	1,042.000	Cyd
0230	Excavation, Fdn	2060010	1,616.000	Cyd
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0250	Erosion Control, Maintenance, Sediment Removal	2080026	75.000	Cyd
0260	Erosion Control, Silt Fence	2080036	645.000	Ft
0270	Erosion Control, Turbidity Curtain, Deep	2080042	39.000	Ft

0280	Project Cleanup	2090001	1.000	LSUM
0290	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	4,208.000	Syd
0300	_ Aggregate Base, 8 inch, 21AA, Modified	3027011	18,991.000	Syd
0310	Maintenance Gravel	3060020	500.000	Ton
0320	Shoulder, CI II, 6 inch	3070128	2,064.000	Syd
0330	Culv End Sect, 12 inch	4010012	5.000	Ea
0340	Culv End Sect, Conc, 12 inch	4010047	9.000	Ea
0350	Culv, CI E, 12 inch	4010539	659.000	Ft
0360	Culv, CI F, 12 inch	4010607	688.000	Ft
0370	Outfall Label	4011115	4.000	Ea
0380	_ Culv, Reinf Conc Ellip, HE CI III, 77 inch by 121 inch, Modified	4017001	48.000	Ft
0390	Sewer, CI A, 12 inch, Tr Det B	4020033	928.000	Ft
0400	Sewer, CI A, 24 inch, Tr Det B	4020036	23.000	Ft
0410	Sewer Tap, 24 inch	4021207	1.000	Ea
0420	Video Taping Sewer and Culv Pipe	4021275	960.000	Ft
0430	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0440	Dr Structure Cover, Adj, Case 2	4030006	8.000	Ea
0450	Dr Structure Cover, Type E	4030035	7.000	Ea
0460	Dr Structure Cover, Type K	4030050	6.000	Ea
0470	Dr Structure, 48 inch dia	4030210	13.000	Ea
0480	Dr Structure, Adj, Add Depth	4030280	40.000	Ft
0490	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0500	Dr Structure, Temp Lowering	4030390	2.000	Ea
0510	_ Public Utility Structure Cover, Adj, Case 1	4037050	4.000	Ea
0520	_ Public Utility Structure Cover, Adj, Case 2	4037050	5.000	Ea
0530	Underdrain, Subgrade, 6 inch	4040073	8,768.000	Ft
0540	Culv Bedding, Box Culv	4060005	124.000	Cyd
0550	Culv, Precast Conc Box, 10 foot by 5 foot	4060129	138.000	Ft
0560	_ Precast Aprons	4067050	2.000	Ea
0570	_ Precast Headwalls	4067050	2.000	Ea
0580	_ Precast Wingwalls	4067050	8.000	Ea
0590	Cold Milling HMA Surface	5010002	17,013.000	Syd
0600	HMA Surface, Rem	5010005	4,934.000	Syd
0610	HMA, 3E3	5010045	1,381.000	Ton
0620	HMA, 4E3	5010051	2,967.000	Ton
0630	HMA, 5E3	5010057	2,300.000	Ton
0640	HMA Approach	5010061	1,837.000	Ton
0650	Conc Pavt, Nonreinf, 9 inch	6020106	394.000	Syd
0660	Steel Sheet Piling, Temp	7040002	715.000	Sft
0670	Conc, Grade S2	7060011	6.000	Cyd
0680	Reinforcement, Steel, Epoxy Coated	7060092	1,646.000	Lb
0690	_ Sanitary Sewer Protective Cap	7067050	2.000	Ea
0700	_ Pedestrian Path, Temp	8007001	200.000	Ft
0710	_ Pedestrian Ramp, Temp	8007050	8.000	Ea

0720	Driveway, Nonreinf Conc, 6 inch	8010005	990.000	Syd
0730	Curb and Gutter, Conc, Det F4	8020038	1,769.000	Ft
0740	Driveway Opening, Conc, Det M	8020050	188.000	Ft
0750	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
0760	_ Curb and Gutter, Conc, Det F4, Modified	8027001	83.000	Ft
0770	Curb Ramp Opening, Conc	8030030	206.000	Ft
0780	Sidewalk Ramp, Conc, 6 inch	8030036	1,887.000	Sft
0790	Sidewalk, Conc, 4 inch	8030044	19,922.000	Sft
0800	Sidewalk, Conc, 6 inch	8030046	2,487.000	Sft
0810	Post, Mailbox	8070095	19.000	Ea
0820	_ Fence, Chain Link, 48 inch, Vinyl Coated	8087001	64.000	Ft
0830	Band, Sign	8100010	2.000	Ea
0840	Post, Steel, 3 lb	8100371	536.000	Ft
0850	Post, Wood, 4 inch by 6 inch	8100380	54.000	Ft
0860	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0870	Sign, Type III, Rem	8100403	49.000	Ea
0880	Sign, Type IIIA	8100404	144.000	Sft
0890	Sign, Type IIIB	8100405	141.000	Sft
0900	_ Post, Flexible, Delineator, Modified	8107050	30.000	Ea
0910	_ Street Sign Post	8107050	8.000	Ea
0920	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	838.000	Ft
0930	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	240.000	Ft
0940	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	13.000	Ea
0950	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	13.000	Ea
0960	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0970	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0980	Pavt Mrkg, Ovly Cold Plastic, Sharrow Symbol	8110079	5.000	Ea
0990	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,372.000	Ft
1000	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,019.000	Ft
1010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,745.000	Ft
1020	Rem Spec Mrkg	8110343	24.000	Sft
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	35.000	Ea
1040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	35.000	Ea
1050	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1060	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
1070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	Ea
1080	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	1.000	Ea
1090	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	1.000	Ea
1100	Conc Barrier, Temp, Adj	8120080	350.000	Ft
1110	Conc Barrier, Temp, Furn	8120081	450.000	Ft
1120	Conc Barrier, Temp, Oper	8120082	450.000	Ft
1130	High Intensity Light, Type B, Furn	8120110	1.000	Ea
1140	High Intensity Light, Type B, Oper	8120111	1.000	Ea

1150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1170	Minor Traf Devices	8120170	1.000	LSUM
1180	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,075.000	Ft
1190	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	84.000	Ft
1200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	8,800.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,400.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	280.000	Ft
1230	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
1240	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
1250	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
1260	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1270	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
1280	Sign Cover	8120310	10.000	Ea
1290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
1300	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
1310	Sign, Type A, Temp, Prismatic, Furn	8120340	325.000	Sft
1320	Sign, Type A, Temp, Prismatic, Oper	8120341	325.000	Sft
1330	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
1340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
1350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	550.000	Sft
1360	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	550.000	Sft
1370	Traf Regulator Control	8120370	1.000	LSUM
1380	Riprap, Plain	8130010	300.000	Syd
1390	_ Sprinkler Relocate	8157050	50.000	Ea
1400	_ Mulch Blanket, High Velocity, Modified	8167011	4,776.000	Syd
1410	_ Mulch Blanket, Modified	8167011	7,189.000	Syd
1420	_ Slope Restoration, Bonded Fiber Matrix	8167011	22,747.000	Syd
1430	Cable, Rem	8190016	135.000	Ft
1440	Cable, Sec, Rem	8190017	70.000	Ft
1450	Conduit, DB, 1, 1 1/4 inch	8190026	80.000	Ft
1460	Conduit, DB, 1, 3 inch	8190029	35.000	Ft
1470	Conduit, DB, 3, 3 inch	8190035	40.000	Ft
1480	DB Cable, in Conduit, 600V, 1/C#6	8190211	130.000	Ft
1490	Hh, Rem	8190254	2.000	Ea
1500	Hh, Round	8190260	4.000	Ea
1510	Light Std Fdn	8190279	1.000	Ea
1520	Light Std Fdn, Rem	8190280	1.000	Ea
1530	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
1540	Wood Pole, Fit Up, Sec Cable Pole	8190495	1.000	Ea

1550	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	50.000	Ft
1560	_ Conduit, DB, 1, 2 inch	8197001	40.000	Ft
1570	_ Light Std Unit, Install Salvaged	8197050	1.000	Ea
1580	Controller and Cabinet, Rem	8200030	1.000	Ea
1590	Global Positioning System Module	8200050	1.000	Ea
1600	Fdn, Rem	8200065	3.000	Ea
1610	Pedestal, Alum	8200100	1.000	Ea
1620	Pedestal, Fdn	8200105	1.000	Ea
1630	Pushbutton and Sign	8200121	4.000	Ea
1640	Serv Disconnect	8200135	1.000	Ea
1650	Serv Disconnect, Rem	8200136	1.000	Ea
1660	Span Wire, Rem	8200141	2.000	Ea
1670	Steel Pole, Rem	8200145	3.000	Ea
1680	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
1690	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
1700	Cabinet, Rem	8200184	1.000	Ea
1710	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1720	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1730	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	3.000	Ea
1740	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1750	Hemispherical Video Detection Camera	8200444	1.000	Ea
1760	Hemispherical Video Detection System	8200445	1.000	Ea
1770	TS Face, Bag	8200458	15.000	Ea
1780	TS Face, Bag, Rem	8200459	15.000	Ea
1790	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1800	Strain Pole Fdn, 6 Bolt	8200470	58.000	Ft
1810	Casing	8200480	44.000	Ft
1820	_ Bracket Arm, 18 foot, RCOC	8207050	1.000	Ea
1830	_ Cabinet, ITS Type, Delivered, RCOC	8207050	1.000	Ea
1840	_ Cabinet, ITS Type, RCOC	8207050	1.000	Ea
1850	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	2.000	Ea
1860	_ Controller, Digital Type, Delivered, Modified, RCOC	8207050	1.000	Ea
1870	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
1880	_ Span Wire, Box, RCOC	8207050	1.000	Ea
1890	_ Tether Wire, Box, RCOC	8207050	1.000	Ea
1900	Monument Box Adjust	8210005	4.000	Ea
1910	Monument Preservation	8210010	3.000	Ea
1920	Hydrant, Relocate, Case 1	8230095	6.000	Ea
1930	_ Water Main Conflict, 12 inch	8237050	1.000	Ea
1940	_ Water Main Conflict, 8 inch	8237050	1.000	Ea



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 004**Letting Date:** January 8, 2021**Contract ID:** 73000-205714

Description: 2.91 mi of hot mix asphalt resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, sewer and pavement markings on Center Road from State Road (M-58) to Tittabawassee Road, Saginaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205714A	21A0075	N/A	STUL 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$110,300.00	1500001	1.000	LSUM
0020	Sewer, Rem, Less than 24 inch	2030015	10.000	Ft
0030	Curb and Gutter, Rem	2040020	707.000	Ft
0040	Sidewalk, Rem	2040055	274.000	Syd
0050	Embankment, CIP	2050010	35.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0070	Erosion Control, Silt Fence	2080036	350.000	Ft
0080	Subbase, CIP	3010002	66.000	Cyd
0090	_ Aggregate Base, Modified	3027031	51.000	Ton
0100	_ Sanitary Sewer, RCP, 15 inch	4027001	10.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	83.000	Ea
0120	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0130	Dr Structure Cover, Type B	4030010	5.000	Ea
0140	Dr Structure Cover, Type K	4030050	5.000	Ea
0150	Dr Structure Cover, Type Q	4030065	5.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0170	_ Manhole Cover, Collar	4037050	73.000	Ea
0180	_ Remove Trap	4037050	1.000	Ea
0190	_ Reseal Blocks	4037050	2.000	Ea
0200	Cold Milling HMA Surface	5010002	90,692.000	Syd
0210	HMA Surface, Rem	5010005	297.000	Syd
0220	Hand Patching	5010025	77.000	Ton
0230	HMA, 5E3	5010057	8,503.000	Ton
0240	HMA Approach	5010061	44.000	Ton
0250	Curb and Gutter, Conc, Det D2	8020031	33.000	Ft
0260	Curb and Gutter, Conc, Det F4	8020038	465.000	Ft
0270	Curb and Gutter, Conc, Det F6	8020040	36.000	Ft

0280	Detectable Warning Surface	8030010	220.000	Ft
0290	Curb Ramp Opening, Conc	8030030	260.000	Ft
0300	Sidewalk Ramp, Conc, 6 inch	8030036	2,946.000	Sft
0310	Sidewalk, Conc, 4 inch	8030044	125.000	Sft
0320	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,453.000	Ft
0330	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	573.000	Ft
0340	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	12.000	Ea
0350	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0380	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,879.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	32,884.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	8,879.000	Ft
0410	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	32,884.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0450	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	381.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	381.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,452.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,516.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	884.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	884.000	Sft
0570	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0580	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0600	_ Slope Restoration, Type A, Modified	8167011	600.000	Syd
0610	Monument Box	8210001	5.000	Ea
0620	Monument Preservation	8210010	5.000	Ea
0630	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0640	Water Shutoff, Adj, Case 2	8230422	2.000	Ea
0650	Gate Box, Adj, Case 1	8230431	35.000	Ea
0660	Gate Box, Adj, Case 2	8230432	2.000	Ea
0670	_ Railroad Protection, at Grade Crossing	8507060	5,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210108 005

Letting Date: January 8, 2021

Contract ID: 62000-133054

Description: Bridge reconstruction of 2 structures to include 21 inch prestressed concrete box beams, cofferdams, steel piles, segmented block return wall, approach work, guardrail and pavement markings on 14 Mile Road over McDuffee Creek and Pere Marquette River, Newaygo County. This is Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133054A	21A0055	N/A	BO 62000
202405A	N/A	N/A	MCS 62000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$156,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.000	Acre
0030	Stump, Rem, 19 inch to 36 inch	2020006	21.000	Ea
0040	Stump, Rem, 37 inch or Larger	2020007	6.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	65.000	Ea
0060	Guardrail, Rem	2040035	300.000	Ft
0070	Embankment, CIP	2050010	1,200.000	Cyd
0080	Excavation, Earth	2050016	2,600.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0100	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0110	Subbase, CIP	3010002	1,900.000	Cyd
0120	Aggregate Base, 8 inch	3020020	3,550.000	Syd
0130	Shoulder, CI II, 4 inch	3070126	300.000	Syd
0140	Shoulder, CI II, 5 inch	3070127	320.000	Syd
0150	HMA Surface, Rem	5010005	2,600.000	Syd
0160	HMA, LVSP	5010703	775.000	Ton
0170	Guardrail, Type B	8070000	425.000	Ft
0180	Guardrail, Backed, Det G1	8070015	6.000	Ea
0190	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0200	Guardrail Reflector	8070080	40.000	Ea
0210	Guardrail Anch, Bridge, Det M3	8070132	8.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,800.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,200.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,800.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,200.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea

0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0300	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	170.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	170.000	Sft
0350	Mulch Blanket	8160027	2,700.000	Syd
0360	_ Slope Restoration	8167011	2,700.000	Syd
0370	Monument Box	8210001	1.000	Ea
0380	Monument Preservation	8210010	1.000	Ea

Section: 2

0390	Structures, Rem (SN 7737)	2040060	1.000	LSUM
0400	Structures, Rem (SN 7771)	2040060	1.000	LSUM
0410	Aggregate, 6A	2060001	410.000	Cyd
0420	Backfill, Structure, CIP	2060002	370.000	Cyd
0430	Excavation, Fdn	2060010	1,500.000	Cyd
0440	Erosion Control, Filter Bag	2080014	8.000	Ea
0450	Erosion Control, Turbidity Curtain, Shallow	2080044	320.000	Ft
0460	Joint, Expansion, E3	6020208	80.000	Ft
0470	Cofferdams (SN 7737)	7040007	1.000	LSUM
0480	Cofferdams (SN 7771)	7040007	1.000	LSUM
0490	Cofferdams, Left in Place (SN 7737)	7040009	1.000	LSUM
0500	Cofferdams, Left in Place (SN 7771)	7040009	1.000	LSUM
0510	Pile Driving Equipment, Furn (SN 7737)	7050002	1.000	LSUM
0520	Pile Driving Equipment, Furn (SN 7771)	7050002	1.000	LSUM
0530	Pile, Steel, Furn and Driven, 12 inch	7050030	3,604.000	Ft
0540	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0550	Pile, Steel, Splice	7050050	70.000	Ea
0560	Bridge Ltg, Furn and Rem (SN 7737)	7060001	1.000	LSUM
0570	Bridge Ltg, Furn and Rem (SN 7771)	7060001	1.000	LSUM
0580	Bridge Ltg, Oper and Maintain	7060002	124.000	Cyd
0590	False Decking	7060060	6,670.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	42,000.000	Lb
0610	Substructure Conc	7060100	209.000	Cyd
0620	Superstructure Conc	7060110	102.000	Cyd
0630	Superstructure Conc, Form, Finish, and Cure (SN 7737)	7060111	1.000	LSUM
0640	Superstructure Conc, Form, Finish, and Cure (SN 7771)	7060111	1.000	LSUM
0650	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 7737)	7060112	1.000	LSUM
0660	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 7771)	7060112	1.000	LSUM

0670	Superstructure Conc, Night Casting	7060113	124.000	Cyd
0680	_ Segmental Block Return Wall	7067010	1,260.000	Sft
0690	_ Structure Name Plate	7067050	2.000	Ea
0700	Bearing, Elastomeric, 1 inch	7070012	6,954.000	Sin
0710	Prest Conc Box Beam, Furn, 21 inch	7080061	600.000	Ft
0720	Prest Conc Box Beam, Erect, 21 inch	7080062	600.000	Ft
0730	Joint Waterproofing	7100001	75.000	Sft
0740	Joint Waterproofing, Expansion	7100003	480.000	Sft
0750	Conc Surface Coating (SN 7737)	7100010	1.000	LSUM
0760	Conc Surface Coating (SN 7771)	7100010	1.000	LSUM
0770	Bridge Railing, 2 Tube	7110008	176.000	Ft
0780	_ Curb and Gutter, Bridge Approach, Special	8027001	188.000	Ft
0790	_ Riprap, Heavy, Special	8137031	800.000	Ton
0800	_ Riprap, Plain, Special	8137031	100.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 210108 006**Letting Date:** January 8, 2021**Contract ID:** 25000-207644

Description: 1.03 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, ramps, signing and pavement markings on Saginaw Street from Maple Avenue to Judd Road and from Judd Road to Bristol Road in the city of Burton, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207644A	21A0089	N/A	STU 25000
207659A	21A0090	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$221,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	3,507.000	Ft
0030	Fence, Rem	2040025	240.000	Ft
0040	_ Pavt, Rem, Modified	2047011	4,778.000	Syd
0050	_ Sidewalk, Rem, Modified	2047011	2,613.000	Syd
0060	_ Station Grading	2057002	56.000	Sta
0070	_ Subgrade Undercutting, Type II, Modified	2057021	200.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	68.000	Ea
0090	_ Aggregate Base, Modified	3027031	394.000	Ton
0100	Maintenance Gravel	3060020	200.000	Ton
0110	Sewer, Cl A, 12 inch, Tr Det A	4020004	113.000	Ft
0120	Dr Structure Cover, Type B	4030010	10.000	Ea
0130	Dr Structure Cover, Type G	4030040	3.000	Ea
0140	Dr Structure Cover, Type K	4030050	11.000	Ea
0150	Dr Structure Cover, Type Q	4030065	7.000	Ea
0160	Dr Structure, 24 inch dia	4030200	3.000	Ea
0170	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0180	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0190	_ Manhole Rehabilitation	4037050	3.000	Ea
0200	_ San Structure Cover, Adj, Case 1	4037050	21.000	Ea
0210	_ Stm Structure Cover, Adj, Case 1	4037050	55.000	Ea
0220	_ Wtr Structure Cover, Adj, Case 1	4037050	20.000	Ea
0230	Cold Milling HMA Surface	5010002	38,981.000	Syd
0240	Pavt Joint and Crack Repr, Det 7	5010020	4,000.000	Ft
0250	Pavt Joint and Crack Repr, Det 8	5010021	2,000.000	Ft
0260	Hand Patching	5010025	400.000	Ton

0270	HMA, 4E10	5010052	4,975.000	Ton
0280	HMA, 5E10	5010058	3,732.000	Ton
0290	_ HMA, Repair, Modified	5017011	1,422.000	Syd
0300	Cold Milling Conc Pavt	6030014	9,334.000	Syd
0310	Lane Tie, Epoxy Anchored	6030030	1,255.000	Ea
0320	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,670.000	Syd
0330	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	214.000	Syd
0340	Curb and Gutter, Conc, Det C5	8020024	2,992.000	Ft
0350	Driveway Opening, Conc, Det M	8020050	226.000	Ft
0360	Curb Ramp Opening, Conc	8030030	600.000	Ft
0370	_ Detectable Warning Surface, Cast Iron	8037001	600.000	Ft
0380	_ Salvaged Brick Pavers	8037010	1,000.000	Sft
0390	_ Sidewalk Ramp, Conc, 4 inch, Modified	8037010	20,154.000	Sft
0400	_ Sidewalk Ramp, Conc, 6 inch, Modified	8037010	3,570.000	Sft
0410	_ Sidewalk, Conc, 4 inch, Modified	8037010	1,653.000	Sft
0420	_ Sidewalk, Conc, 6 inch, Modified	8037010	833.000	Sft
0430	_ Post Mailbox, Remove and Reset	8077050	16.000	Ea
0440	Fence, Structure	8080110	875.000	Sft
0450	Band, Sign	8100010	3.000	Ea
0460	Post, Wood, 4 inch by 6 inch	8100380	100.000	Ft
0470	Sign, Type II, Rem	8100397	2.000	Ea
0480	Sign, Type IIA	8100398	14.000	Sft
0490	Sign, Type III, Erect, Salv	8100402	8.000	Ea
0500	Sign, Type IIIA	8100404	582.000	Sft
0510	Sign, Type IIIB	8100405	185.000	Sft
0520	_ Post, Steel, 3 lb, Modified	8107001	790.000	Ft
0530	_ Post, Rem	8107050	2.000	Ea
0540	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0550	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0560	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	2,328.000	Ft
0570	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	505.000	Ft
0580	Pavt Mrkg, Waterborne, 4 inch, White	8110231	346.000	Ft
0590	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,008.000	Ft
0600	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	346.000	Ft
0610	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,008.000	Ft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	80.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	80.000	Ea
0640	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0650	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	240.000	Ea
0660	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	240.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0680	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM

0700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,800.000	Ft
0710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	11,400.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,000.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0750	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0760	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0770	Sign, Type B, Temp, Prismatic, Furn	8120350	508.000	Sft
0780	Sign, Type B, Temp, Prismatic, Oper	8120351	508.000	Sft
0790	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	48.000	Sft
0800	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	48.000	Sft
0810	Traf Regulator Control	8120370	1.000	LSUM
0820	_ Turf Establishment, Performance	8167011	8,493.000	Syd
0830	Conduit, DB, 1, 1 1/2 inch	8190027	30.000	Ft
0840	Hh, Round	8190260	2.000	Ea
0850	Sign Optical, (LED)	8200373	2.000	Ea
0860	Water Shutoff, Adj, Case 1	8230421	20.000	Ea
0870	_ Audio Video Construction Area Survey	8507051	1.000	LSUM



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 007**Letting Date:** January 8, 2021**Contract ID:** 11000-206274

Description: 0.86 mi of hot mix asphalt reconstruction and shared use path, aggregate base, concrete curb, gutter, sidewalk and ramps and pavement markings on Langley Avenue from Napier Avenue to Pearl Street in the city of St. Joseph, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206274A	21A0051	N/A	STUL 11000
206525A	21A0056	N/A	CM 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$463,300.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	103.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	2,315.000	Ft
0040	Curb and Gutter, Rem	2040020	1,930.000	Ft
0050	Sidewalk, Rem	2040055	3,755.000	Syd
0060	Exploratory Investigation, Vertical	2040080	50.000	Ft
0070	_ Pavt, Rem, Modified	2047011	23,185.000	Syd
0080	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0090	_ Machine Grading, Modified	2057002	46.000	Sta
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	80.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0120	Subbase, CIP	3010002	6,720.000	Cyd
0130	Aggregate Base, 4 inch	3020010	3,650.000	Syd
0140	Aggregate Base, 8 inch	3020020	20,160.000	Syd
0150	Maintenance Gravel, LM	3060021	3,000.000	Cyd
0160	Sewer, CI IV, 12 inch, Tr Det B	4020987	3,972.000	Ft
0170	Sewer, CI IV, 15 inch, Tr Det B	4020988	725.000	Ft
0180	Sewer, CI IV, 18 inch, Tr Det B	4020989	152.000	Ft
0190	Sewer, CI IV, 30 inch, Tr Det B	4020994	25.000	Ft
0200	_ Sewer, DI, 12 inch, Tr Det B	4027001	27.000	Ft
0210	_ Sewer, SLCPP, 8 inch, Tr Det B	4027001	24.000	Ft
0220	_ Video Inspection of Sewers	4027001	9,934.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0240	Dr Structure, 24 inch dia	4030200	5.000	Ea
0250	Dr Structure, 48 inch dia	4030210	81.000	Ea
0260	Dr Structure, 60 inch dia	4030220	2.000	Ea

0270	_ Dr Structure Cover, Type D, Modified	4037050	6.000	Ea
0280	_ Dr Structure Cover, Type K, Modified	4037050	72.000	Ea
0290	_ San Structure Cover, Modified	4037050	26.000	Ea
0300	_ Stm Structure Cover, Modified	4037050	14.000	Ea
0310	_ Storm Sump Lead	4037050	83.000	Ea
0320	_ Stormwater Treatment Unit, Coles Outlet	4037050	1.000	Ea
0330	_ Stormwater Treatment Unit, Hillcrest Outlet	4037050	1.000	Ea
0340	_ Stormwater Treatment Unit, Pearl Outlet	4037050	1.000	Ea
0350	_ Water Structure Cover, Modified	4037050	41.000	Ea
0360	Underdrain, Subgrade, 6 inch	4040073	10,690.000	Ft
0370	Hand Patching	5010025	5.000	Ton
0380	HMA, 4E1	5010050	2,950.000	Ton
0390	HMA, 5E1	5010056	1,475.000	Ton
0400	HMA Approach	5010061	1,070.000	Ton
0410	Cement	6030005	10.000	Ton
0420	Driveway, Nonreinf Conc, 6 inch	8010005	2,220.000	Syd
0430	_ Curb and Gutter, Conc, Det C4, Modified	8027001	9,880.000	Ft
0440	_ Driveway Opening, Conc, Det M, Modified	8027001	70.000	Ft
0450	Curb Ramp Opening, Conc	8030030	640.000	Ft
0460	Sidewalk Ramp, Conc, 6 inch	8030036	14,625.000	Sft
0470	Sidewalk, Conc, 4 inch	8030044	3,275.000	Sft
0480	Sidewalk, Conc, 6 inch	8030046	31,345.000	Sft
0490	_ Detectable Warning Surface, Cast Iron	8037001	445.000	Ft
0500	Post, Steel, 3 lb	8100371	885.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0520	Sign, Type III, Rem	8100403	53.000	Ea
0530	Sign, Type IIIA	8100404	144.000	Sft
0540	Sign, Type IIIB	8100405	226.000	Sft
0550	_ Installing City Supplied Sign, Type III	8107050	36.000	Ea
0560	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	520.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	35.000	Ft
0580	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0600	Pavt Mrkg, Waterborne, 4 inch, White	8110231	600.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,525.000	Ft
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0640	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0650	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0660	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0690	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea

0700	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
0720	Sign Cover	8120310	10.000	Ea
0730	Sign, Type B, Temp, Prismatic, Furn	8120350	850.000	Sft
0740	Sign, Type B, Temp, Prismatic, Oper	8120351	850.000	Sft
0750	Traf Regulator Control	8120370	1.000	LSUM
0760	_ Slope Restoration Type B, Modified	8167011	8,660.000	Syd
0770	Conduit, DB, 1, 3 inch	8190029	3,250.000	Ft
0780	Hh, Polymer Conc	8190250	13.000	Ea
0790	Hh, Rem	8190254	1.000	Ea
0800	Pedestal, Alum	8200100	2.000	Ea
0810	Pedestal, Fdn	8200105	2.000	Ea
0820	Pushbutton and Sign	8200121	2.000	Ea
0830	Pushbutton and Sign, Salv	8200126	1.000	Ea
0840	TS Face, Bag	8200458	5.000	Ea
0850	TS Face, Bag, Rem	8200459	5.000	Ea
0860	Backplate, TS	8200501	11.000	Ea
0870	_ TS, Pedestrian, Perimeter Lighted Sign, S1-1 (LED)	8207050	2.000	Ea
0880	Monument Box	8210001	1.000	Ea
0890	Monument Box Adjust	8210005	1.000	Ea
0900	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
0910	_ Abandon Water Main	8237001	3,535.000	Ft
0920	_ Polyethylene Encasement, Modified	8237001	5,770.000	Ft
0930	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	15.000	Ft
0940	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	4,540.000	Ft
0950	_ Water Main, DI, 3 inch, Tr Det G, Modified	8237001	10.000	Ft
0960	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	110.000	Ft
0970	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	155.000	Ft
0980	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	940.000	Ft
0990	_ Water Main, Rem	8237001	2,760.000	Ft
1000	_ Curb Stop and Box	8237050	74.000	Ea
1010	_ Fire Hydrant, Modified	8237050	15.000	Ea
1020	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
1030	_ Gate Valve, 12 inch, Modified	8237050	19.000	Ea
1040	_ Gate Valve, 8 inch, Modified	8237050	21.000	Ea
1050	_ Gate Well, 60 inch dia, Modified	8237050	40.000	Ea
1060	_ Hydrant, Rem, Modified	8237050	12.000	Ea
1070	_ Water Meter Pit, Install	8237050	10.000	Ea
1080	_ Water Serv, 2 inch, Modified	8237050	1.000	Ea
1090	_ Water Serv, Long, Modified	8237050	34.000	Ea
1100	_ Water Serv, Modified	8237050	39.000	Ea
1110	_ Sanitary Service, PVC, 6 inch	8257001	3,695.000	Ft
1120	_ Sanitary Sewer, 10 inch, Tr Det G	8257001	4,109.000	Ft
1130	_ Sanitary Sewer, 12 inch, Tr Det G	8257001	68.000	Ft

1140	_ Sanitary Sewer, 15 inch, Tr Det G	8257001	41.000	Ft
1150	_ Sanitary Sewer, 8 inch, Tr Det G	8257001	815.000	Ft
1160	_ Sanitary Cleanout	8257050	118.000	Ea
1170	_ Sanitary Cleanout Cover	8257050	20.000	Ea
1180	_ Sanitary Manhole, 48 inch dia	8257050	24.000	Ea
1190	_ Sanitary Manhole, 60 inch dia	8257050	1.000	Ea
1200	_ Sanitary Manhole, 72 inch dia	8257050	1.000	Ea
1210	Flowable Fill, Non-Structural	8260148	70.000	Cyd



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 008**Letting Date:** January 8, 2021**Contract ID:** 63000-205986

Description: 1.09 mi of hot mix asphalt surfacing, concrete pavement repairs, sidewalk and ramps, pedestrian signals and pavement markings on 9 Mile Road from Evergreen Road to northbound 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
205986A	21A0059	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Reimbursed Permit Fees	1077060	4,000.000	Dlr
0020	Mobilization, Max \$218,200.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,412.000	Ft
0040	Pavt, Rem	2040050	5,595.000	Syd
0050	Sidewalk, Rem	2040055	168.000	Syd
0060	Embankment, CIP	2050010	347.000	Cyd
0070	Excavation, Earth	2050016	1,024.000	Cyd
0080	_ Subgrade Undercut and Refill	2057021	500.000	Cyd
0090	_ Subgrade Undercutting, Type II, Modified	2057021	500.000	Cyd
0100	_ Exploratory Excavation	2057050	5.000	Ea
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	50.000	Ea
0120	_ Aggregate Base 4 inch, Modified	3027011	116.000	Syd
0130	_ Aggregate Base, 6 inch, Modified	3027011	1,148.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	4,499.000	Syd
0150	_ Aggregate Base, Modified	3067031	1,935.000	Ton
0160	Dr Structure Cover, Adj, Case 1	4030005	52.000	Ea
0170	Dr Structure Cover, Type B	4030010	16.000	Ea
0180	Dr Structure Cover, Type K	4030050	39.000	Ea
0190	Dr Structure Cover, Type Q	4030065	3.000	Ea
0200	Dr Structure Cover, Type R	4030070	4.000	Ea
0210	_ Sanitary Structure Cover, Adj, Add Depth	4037001	2.000	Ft
0220	_ Dr Structure Cover, Adj, Case 1, OCWRC	4037050	6.000	Ea
0230	_ OCWRC Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	1.000	Ea
0240	_ Sanitary Sewer Manhole Cover, Adj, Case 1	4037050	3.000	Ea
0250	Underdrain, Subgrade, 6 inch	4040073	2,218.000	Ft
0260	_ DPW Structure Cover, OCWRC	4057050	6.000	Ea
0270	Pavt, Cleaning	5010001	1.000	LSUM

0280	HMA Surface, Rem	5010005	19,866.000	Syd
0290	Pavt for Butt Joints, Rem	5010008	35.000	Syd
0300	Pavt Joint and Crack Repr, Det 7	5010020	6,385.000	Ft
0310	Hand Patching	5010025	320.000	Ton
0320	HMA, 4E3	5010051	2,267.000	Ton
0330	HMA, 5E3	5010057	1,702.000	Ton
0340	HMA Approach	5010061	531.000	Ton
0350	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	4,606.000	Syd
0360	Joint, Contraction, Cp	6020200	3,118.000	Ft
0370	Joint, Expansion, E3	6020208	216.000	Ft
0380	Joint, Plane-of-Weakness, W	6020211	1,000.000	Ft
0390	Joint, Pressure Relief	6020213	100.000	Ft
0400	Conc Pavt, Bridge Approach, Reinf	6020600	338.000	Syd
0410	_ Conc, Grade P1, Modified	6027021	275.000	Cyd
0420	Crack Sealing, Conc Pavt	6030010	2,883.000	Ft
0430	Joint, Contraction, Crg	6030020	4,297.000	Ft
0440	Lane Tie, Epoxy Anchored	6030030	1,707.000	Ea
0450	_ Full Depth Conc Centerline, Repr	6037001	1,971.000	Ft
0460	_ Pavt Repr with or without Curb, Nonreinf Conc, 9 inch	6037011	4,923.000	Syd
0470	_ Pavt Repr, Rem, Modified	6037011	8,820.000	Syd
0480	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	665.000	Syd
0490	Curb and Gutter, Conc, Det F4	8020038	1,412.000	Ft
0500	Driveway Opening, Conc, Det M	8020050	348.000	Ft
0510	Detectable Warning Surface	8030010	65.000	Ft
0520	Curb Ramp Opening, Conc	8030030	135.000	Ft
0530	Sidewalk Ramp, Conc, 6 inch	8030036	739.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	444.000	Sft
0550	_ Sidewalk Conc, 8 inch	8037010	387.000	Sft
0560	Guardrail, Reconst, Type T	8070109	30.000	Ft
0570	Post, Steel, 3 lb	8100371	230.000	Ft
0580	Sign, Type IIIA	8100404	21.000	Sft
0590	Sign, Type IIIB	8100405	19.000	Sft
0600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	284.000	Ft
0610	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	198.000	Ft
0620	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0630	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0640	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	11,576.000	Ft
0650	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,033.000	Ft
0660	Pavt Mrkg, Sprayable Thermopl, 12 inch, Yellow	8110160	122.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0680	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0700	Lighted Arrow, Type C, Oper	8120141	3.000	Ea

0710	Minor Traf Devices	8120170	1.000	LSUM
0720	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
0730	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	2.000	Ea
0740	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	7,000.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,000.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	8,000.000	Ft
0780	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0790	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	148.000	Ft
0810	Sign Cover	8120310	4.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0830	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	1,133.000	Sft
0850	Sign, Type B, Temp, Prismatic, Oper	8120351	1,133.000	Sft
0860	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	317.000	Sft
0870	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	317.000	Sft
0880	Traf Regulator Control	8120370	1.000	LSUM
0890	_ Surface Restoration, Hydroseed	8167011	7,145.000	Syd
0900	Conduit, DB, 1, 1 1/4 inch	8190026	60.000	Ft
0910	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0920	Pedestal, Alum	8200100	1.000	Ea
0930	Pedestal, Fdn	8200105	1.000	Ea
0940	Pushbutton and Sign	8200121	2.000	Ea
0950	Traf Loop	8200170	3.000	Ea
0960	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
0970	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0980	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0990	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1000	TS Face, Bag	8200458	20.000	Ea
1010	TS Face, Bag, Rem	8200459	20.000	Ea
1020	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
1030	Monument Box Adjust	8210005	2.000	Ea
1040	_ Sprinkler Line	8237001	500.000	Ft
1050	_ Gate Well Cover	8237050	2.000	Ea
1060	_ Gate Well Cover, Adj, Case 1	8237050	7.000	Ea
1070	_ Sprinkler Head, Replace	8237050	30.000	Ea
1080	_ Audio-Visual Filming	8507051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 210108 009

Letting Date: January 8, 2021

Contract ID: 56000-209931

Description: 0.88 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, drainage and pavement markings on Saginaw Road from Dartmouth Drive to Patrick Road in the city of Midland, Midland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209931A	21A0073	N/A	STUL 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$69,800.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	7.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	157.000	Ft
0040	Curb and Gutter, Rem	2040020	3,000.000	Ft
0050	Pavt, Rem	2040050	1,000.000	Syd
0060	Embankment, CIP	2050010	1,000.000	Cyd
0070	Excavation, Earth	2050016	300.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	31.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	_ Aggregate Base, 6 inch, Modified	3027011	1,000.000	Syd
0110	_ Sewer, CI A, 10 inch, Tr Det B, Modified	4027001	157.000	Ft
0120	Dr Structure, Temp Lowering	4030390	19.000	Ea
0130	Drop Inlet, Type 1	4030395	1.000	Ea
0140	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	36.000	Ea
0150	_ Dr Structure, 36 inch dia, Modified	4037050	5.000	Ea
0160	_ Misc Cover, EJ 1040-A, Special	4037050	3.000	Ea
0170	_ Misc Cover, EJ 1040-AGS, Special	4037050	1.000	Ea
0180	_ Misc Cover, EJ 7000-M1, Special	4037050	5.000	Ea
0190	Pavt, Cleaning	5010001	1.000	LSUM
0200	Cold Milling HMA Surface	5010002	30,000.000	Syd
0210	HMA Surface, Rem	5010005	1,500.000	Syd
0220	Hand Patching	5010025	495.000	Ton
0230	HMA, 4E10	5010052	3,300.000	Ton
0240	HMA Approach	5010061	268.000	Ton
0250	_ Driveway, Reinf Conc, 5 inch, Modified	8017011	1,000.000	Syd
0260	Curb and Gutter, Conc, Det C4	8020023	3,000.000	Ft
0270	_ Valley Gutter, Conc, 8 inch, Modified	8027001	300.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,250.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,150.000	Ft
0300	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar, Modified	8117001	517.000	Ft
0310	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk, Modified	8117001	2,068.000	Ft
0320	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym, Modified	8117050	35.000	Ea
0330	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym, Modified	8117050	2.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0360	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0460	_ Turf Establishment, Performance	8167011	1,000.000	Syd
0470	Gate Box, Adj, Case 1	8230431	5.000	Ea



12/4/2020 9:13 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 010**Letting Date:** January 8, 2021**Contract ID:** 28000-207409

Description: 0.19 mi of non-reinforced concrete pavement, curb, gutter, sidewalk and ramps, drainage, signing and pavement markings on Parsons Road at Airport Access Road in the city of Traverse City, Grand Traverse County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207409A	21A0057	N/A	HSIP 28000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$59,300.00	1500001	1.000	LSUM
0020	_ Pavt, Rem, Modified	2047011	9,599.000	Syd
0030	_ Machine Grading, Modified	2057002	16.000	Sta
0040	Erosion Control, Silt Fence	2080036	1,525.000	Ft
0050	Aggregate Base, 8 inch	3020020	7,010.000	Syd
0060	Maintenance Gravel	3060020	350.000	Ton
0070	Shoulder, CI II, 5 inch	3070127	372.000	Syd
0080	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0090	Hand Patching	5010025	10.000	Ton
0100	HMA, 4E10	5010052	1,727.000	Ton
0110	Conc Pavt, Nonreinf, 6 inch	6020100	528.000	Syd
0120	Conc Pavt, Nonreinf, 9 inch	6020106	436.000	Syd
0130	Curb, Conc, Det E4	8020004	305.000	Ft
0140	Curb and Gutter, Conc, Det C4	8020023	1,170.000	Ft
0150	_ Curb and Gutter, Conc, Det D2, Modified	8027001	359.000	Ft
0160	_ Curb and Gutter, Conc, Det F4, Modified	8027001	1,882.000	Ft
0170	Curb Ramp Opening, Conc	8030030	160.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	1,106.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	6,630.000	Sft
0200	_ Detectable Warning Surface, Cast Iron	8037001	122.000	Ft
0210	Post, Steel, 3 lb	8100371	812.000	Ft
0220	Sign, Type III, Rem	8100403	14.000	Ea
0230	Sign, Type IIIA	8100404	37.000	Sft
0240	Sign, Type IIIB	8100405	350.000	Sft
0250	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0260	_ Sign, Type IIIB, Special	8107052	5.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea

0280	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,932.000	Ft
0290	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	3,657.000	Ft
0300	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	142.000	Ft
0310	Pavt Mrkg, Polyurea, 12 inch, White	8110111	174.000	Ft
0320	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	12.000	Ft
0330	Recessing Pavt Mrkg, Longit	8110450	5,589.000	Ft
0340	Recessing Pavt Mrkg, Transv	8110451	890.000	Sft
0350	_ Pavt Mrkg, Polyurea, 24 Inch Special Emphasis Crosswalk	8117001	212.000	Ft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0380	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0420	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0430	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	454.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	454.000	Sft
0460	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	138.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	138.000	Sft
0480	Traf Regulator Control	8120370	1.000	LSUM
0490	Slope Restoration, Type A	8160100	4,600.000	Syd
0500	Gate Box, Adj, Case 1	8230431	6.000	Ea
0510	Gate Box, Adj, Case 2	8230432	1.000	Ea
0520	_ Railroad Protection, at Grade Crossing	8507060	7,500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210108 011

Letting Date: January 8, 2021

Contract ID: 28051-128553

Description: 6.00 mi of hot mix asphalt reconstruction including two roundabouts, crushing and shaping, widening, lighting, drainage, signing, and pavement marking improvements on M-37 from Beitner Road southerly to M-113, Grand Traverse County. This project includes two five year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128553A	21A0119	N/A	NH 28051
129932A	21A0124	N/A	NH 28051
207744A	21A0132	N/A	ST 28051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$981,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.950	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	17.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	13.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0090	Dr Structure, Rem	2030011	5.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	1,828.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	22.000	Ft
0120	Curb and Gutter, Rem	2040020	4,862.000	Ft
0130	Guardrail, Rem	2040035	1,355.000	Ft
0140	Pavt, Rem	2040050	212.000	Syd
0150	Ditch Cleanout	2050006	15.000	Sta
0160	Embankment, CIP	2050010	55,153.000	Cyd
0170	Excavation, Earth	2050016	78,559.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	60.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	60.000	Cyd
0200	Erosion Control, Check Dam, Stone	2080012	10.000	Ft
0210	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0230	Erosion Control, Inlet Protection, Sediment Trap	2080024	23.000	Ea
0240	Erosion Control, Maintenance, Sediment Removal	2080026	1.000	Cyd

0250	Erosion Control, Sediment Trap	2080034	1.000	Ea
0260	Erosion Control, Silt Fence	2080036	41,300.000	Ft
0270	Subbase, CIP	3010002	37,705.000	Cyd
0280	Aggregate Base	3020001	260.000	Ton
0290	Aggregate Base, 6 inch	3020016	53,481.000	Syd
0300	HMA Base Crushing and Shaping	3050002	137,255.000	Syd
0310	_ HMA Base Crushing and Shaping, Modified	3057011	1,746.000	Syd
0320	Maintenance Gravel	3060020	136.000	Ton
0330	Approach, CI I, 6 inch	3070008	14,438.000	Syd
0340	Approach, CI II, 4 inch	3070026	3,103.000	Syd
0350	Shoulder, CI II, 4 inch	3070126	6,508.000	Syd
0360	Shoulder, CI II, 7 inch	3070129	3,789.000	Syd
0370	Trenching	3070200	55.000	Sta
0380	Culv End Sect, 12 inch	4010012	9.000	Ea
0390	Culv End Sect, 15 inch	4010015	42.000	Ea
0400	Culv End Sect, 18 inch	4010018	7.000	Ea
0410	Culv End Sect, 24 inch	4010024	3.000	Ea
0420	Culv, CI A, 12 inch	4010131	369.000	Ft
0430	Culv, CI A, Conc, 12 inch	4010165	360.000	Ft
0440	Culv, CI F, 15 inch	4010608	819.000	Ft
0450	Culv, CI F, 18 inch	4010609	81.000	Ft
0460	Culv, CI F, 24 inch	4010610	10.000	Ft
0470	Steel Casing Pipe, 24 inch, Tr Det G	4011136	228.000	Ft
0480	Steel Casing Pipe, 30 inch, Tr Det G	4011149	103.000	Ft
0490	_ Culv Cleanout	4017001	1,180.000	Ft
0500	Sewer, CI A, 18 inch, Tr Det A	4020006	48.000	Ft
0510	Sewer, CI A, 12 inch, Tr Det B	4020033	1,791.000	Ft
0520	Sewer, CI A, 18 inch, Tr Det B	4020035	1,272.000	Ft
0530	Sewer, CI A, 24 inch, Tr Det B	4020036	322.000	Ft
0540	Sewer, CI A, 36 inch, Tr Det B	4020038	32.000	Ft
0550	Sewer, CI B, 12 inch, Tr Det B	4020183	11.000	Ft
0560	Sewer, CI B, 30 inch, Tr Det B	4020187	8.000	Ft
0570	Sewer, CI B, 36 inch, Tr Det B	4020188	24.000	Ft
0580	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0590	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0600	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0610	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0620	Dr Structure Cover, Type B	4030010	23.000	Ea
0630	Dr Structure Cover, Type C	4030015	9.000	Ea
0640	Dr Structure Cover, Type E	4030035	5.000	Ea
0650	Dr Structure Cover, Type J	4030045	15.000	Ea
0660	Dr Structure, 24 inch dia	4030200	14.000	Ea
0670	Dr Structure, 48 inch dia	4030210	32.000	Ea
0680	Dr Structure, 60 inch dia	4030220	3.000	Ea
0690	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15	4030240	13.000	Ft

	foot			
0700	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	60.000	Ft
0710	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	8.000	Ft
0720	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	13.000	Ft
0730	Dr Structure, Adj, Add Depth	4030280	38.000	Ft
0740	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0750	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0760	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0770	Underdrain, Bank, 6 inch	4040003	1,700.000	Ft
0780	Underdrain, Subgrade, 6 inch	4040073	125.000	Ft
0790	Underdrain Outlet, 6 inch	4040093	94.000	Ft
0800	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0810	HMA Surface, Rem	5010005	57,034.000	Syd
0820	HMA Quality Initiative	5010007	93,282.000	Dlr
0830	Longitudinal Joint Density Quality Initiative	5010018	28,940.000	Dlr
0840	HMA, 3E3	5010045	7,029.000	Ton
0850	HMA, 4E3	5010051	31,263.000	Ton
0860	HMA Approach	5010061	5,585.000	Ton
0870	HMA, 4E3, High Stress	5010509	2,764.000	Ton
0880	HMA, Temp Pavt (4E3)	5010805	2,612.000	Ton
0890	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	1,287.000	Syd
0900	Joint, Contraction, Cp	6020200	695.000	Ft
0910	Joint, Expansion, E2	6020207	96.000	Ft
0920	_ Water Main, PVC, 12 inch	8007001	156.000	Ft
0930	_ Water Main, PVC, 12 inch, Tr Det G	8007001	407.000	Ft
0940	_ Water Main, PVC, 16 inch	8007001	103.000	Ft
0950	_ Water Main, PVC, 16 inch, Tr Det G	8007001	291.000	Ft
0960	_ Water Main, PVC, 8 inch, Tr Det G	8007001	159.000	Ft
0970	Driveway, Nonreinf Conc, 6 inch	8010005	658.000	Syd
0980	Curb, Conc, Det E1	8020001	560.000	Ft
0990	Curb and Gutter, Conc, Det B2	8020016	9,153.000	Ft
1000	Curb and Gutter, Conc, Det D2	8020031	2,896.000	Ft
1010	Curb and Gutter, Conc, Det F2	8020036	381.000	Ft
1020	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
1030	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
1040	Shoulder Gutter, Conc, Det 3	8020057	5.000	Ea
1050	Spillway, Conc	8020075	103.000	Ft
1060	_ Curb and Gutter, Conc, Det B1, Modified	8027001	781.000	Ft
1070	_ Curb and Gutter, Conc, Det B2, Modified	8027001	4,055.000	Ft
1080	_ Curb and Gutter, Conc, Det D2, Modified	8027001	762.000	Ft
1090	_ Sidewalk, Conc, 6 inch, Colored	8037010	24,873.000	Sft
1100	Curb Sloped, HMA	8050010	2,627.000	Ft
1110	Guardrail, Type MGS-8	8070004	726.000	Ft

1120	Guardrail, Curved, Type B	8070010	25.000	Ft
1130	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
1140	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
1150	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
1160	Guardrail Reflector	8070080	30.000	Ea
1170	Post, Mailbox	8070095	38.000	Ea
1180	Fence, Protective	8080007	570.000	Ft
1190	Fence, Moving	8080120	136.000	Ft
1200	Delineator Reflector, Yellow	8100132	16.000	Ea
1210	Delineator Reflector, Green	8100133	87.000	Ea
1220	Installing MDOT Supplied Sign, Type III	8100302	12.000	Ea
1230	Post Hole Through Conc for Steel Post	8100340	24.000	Ea
1240	Post Hole Through Conc for Wood Post	8100341	4.000	Ea
1250	Delineator, Rem	8100349	11.000	Ea
1260	Post, Flexible, Delineator	8100360	16.000	Ea
1270	Post, Rigid, Delineator	8100361	87.000	Ea
1280	Post, Steel, 3 lb	8100371	3,908.000	Ft
1290	Post, Wood, 4 inch by 6 inch	8100380	549.000	Ft
1300	Post, Wood, 6 inch by 8 inch	8100382	68.000	Ft
1310	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1320	Sign, Type II, Rem	8100397	32.000	Ea
1330	Sign, Type IIA	8100398	383.000	Sft
1340	Sign, Type IIB	8100399	72.000	Sft
1350	Sign, Type III, Erect, Salv	8100402	11.000	Ea
1360	Sign, Type III, Rem	8100403	128.000	Ea
1370	Sign, Type IIIA	8100404	257.000	Sft
1380	Sign, Type IIIB	8100405	985.000	Sft
1390	Sign, Type VB	8100425	64.000	Sft
1400	Reflective Panel for Permanent Sign Support, 3 foot	8100613	76.000	Ea
1410	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
1420	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	184.000	Ft
1430	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	4.000	Ea
1440	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1450	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1460	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
1470	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
1480	Pavt Mrkg, Ovly Cold Plastic, Thru & Lt Roundabout Arrow Sym	8110086	2.000	Ea
1490	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,893.000	Ft
1500	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	41,158.000	Ft
1510	Pavt Mrkg, Waterborne, 6 inch, White	8110233	58,165.000	Ft
1520	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	4,113.000	Ft
1530	Pavt Mrkg, Waterborne, 12 inch, White	8110237	249.000	Ft

1540	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,893.000	Ft
1550	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	41,158.000	Ft
1560	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	58,165.000	Ft
1570	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	4,113.000	Ft
1580	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	249.000	Ft
1590	Rem Spec Mrkg	8110343	84.000	Sft
1600	Recessing Pavt Mrkg, Longit	8110450	107,178.000	Ft
1610	Barricade, Type III, High Intensity, Lighted, Furn	8120022	18.000	Ea
1620	Barricade, Type III, High Intensity, Lighted, Oper	8120023	18.000	Ea
1630	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	189.000	Ea
1640	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	189.000	Ea
1650	Culv, Temp	8120090	6.000	Ea
1660	Delineator, Flexible, Temp, Furn	8120091	50.000	Ea
1670	Delineator, Flexible, Temp, Oper	8120092	50.000	Ea
1680	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1690	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1700	Minor Traf Devices	8120170	1.000	LSUM
1710	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	62,963.000	Ft
1720	Plastic Drum, Fluorescent, Furn	8120252	203.000	Ea
1730	Plastic Drum, Fluorescent, Oper	8120253	203.000	Ea
1740	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	370.000	Ea
1750	Sign Cover	8120310	20.000	Ea
1760	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1770	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1780	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
1790	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
1800	Sign, Type B, Temp, Prismatic, Furn	8120350	1,698.000	Sft
1810	Sign, Type B, Temp, Prismatic, Oper	8120351	1,698.000	Sft
1820	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	273.000	Sft
1830	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	273.000	Sft
1840	Traf Regulator Control	8120370	1.000	LSUM
1850	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	25,921.000	Ft
1860	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	7,817.000	Ft
1870	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	97,772.000	Ft
1880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	94,452.000	Ft
1890	Riprap, Plain	8130010	312.000	Syd
1900	Paved Ditch, HMA	8140010	63.000	Syd
1910	Site Preparation, Max \$3,400.00	8150001	1.000	LSUM
1920	Watering and Cultivating, First Season, Min \$1,700.00	8150002	1.000	LSUM
1930	Watering and Cultivating, Second Season, Min	8150003	1.000	LSUM

\$2,000.00

1940	Juniperus chinensis Sea Green, #3 cont.	8151941	174.000	Ea
1950	_ Shredded Bark Mulch	8157021	120.000	Cyd
1960	_ Physocarpus opulifolius Mindia, #5 cont.	8157050	38.000	Ea
1970	Slope Restoration, Type A	8160100	42,373.000	Syd
1980	Slope Restoration, Type B	8160101	38,660.000	Syd
1990	Slope Restoration, Type C	8160102	890.000	Syd
2000	_ Slope Restoration, Bonded Fiber Matrix	8167011	9,235.000	Syd
2010	Cable, Rem	8190016	608.000	Ft
2020	Conduit, DB, 1, 1 1/4 inch	8190026	71.000	Ft
2030	Conduit, DB, 3, 3 inch	8190035	85.000	Ft
2040	Conduit, Schedule 40, 1 1/2 inch	8190146	3,920.000	Ft
2050	Cable, Equipment Grounding Wire, 1/C#8	8190237	3,920.000	Ft
2060	Hh, Heavy Duty Cover	8190246	2.000	Ea
2070	Hh, Rem	8190254	1.000	Ea
2080	Hh, Round	8190260	11.000	Ea
2090	Light Std Arm, 10 foot	8190267	24.000	Ea
2100	Light Std Fdn	8190279	24.000	Ea
2110	Light Std, Frangible Transformer Base	8190281	24.000	Ea
2120	Luminaire, Rem	8190360	1.000	Ea
2130	Wood Pole, Fit Up, Commun Cable Pole	8190486	1.000	Ea
2140	Wood Pole, Rem	8190505	7.000	Ea
2150	_ Cable, Equipment Grounding Wire, 1/C#8 THWN	8197001	3,920.000	Ft
2160	_ Cable, Sec, 600V, 1/C#8	8197001	11,900.000	Ft
2170	_ Elec Serv, M-37 and Blair Town Hall Road	8197050	1.000	Ea
2180	_ Elec Serv, M-37 and Vance Road	8197050	1.000	Ea
2190	_ Lighting Control Panel, Ground Mtd	8197050	2.000	Ea
2200	_ Luminaire, Roadway	8197050	24.000	Ea
2210	Case Sign, Rem	8200020	2.000	Ea
2220	Flsh Beacon, Solar Power	8200071	1.000	Ea
2230	Metered Serv, Rem	8200095	2.000	Ea
2240	Power Co. (Est. Cost to Contractor)	8200116	1,500.000	Dlr
2250	Serv Disconnect	8200135	1.000	Ea
2260	Span Wire, Rem	8200141	2.000	Ea
2270	Guy, Rem	8200167	3.000	Ea
2280	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
2290	Cabinet, Rem	8200184	1.000	Ea
2300	Cabinet, NEMA Type	8200186	1.000	Ea
2310	_ Permanent Traffic Recorder Loops Only	8207051	1.000	LSUM
2320	Monument Box	8210001	12.000	Ea
2330	Monument Preservation	8210010	12.000	Ea
2340	Protect Corners	8210020	8.000	Ea
2350	Centerline Corrugations, Milled, HMA	8220013	20,147.000	Ft
2360	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	36,188.000	Ft
2370	Gate Valve and Box, 8 inch	8230052	2.000	Ea

2380	Gate Valve and Box, 12 inch	8230054	4.000	Ea
2390	Gate Valve and Box, 16 inch	8230055	1.000	Ea
2400	Hydrant, Relocate, Case 1	8230095	1.000	Ea
2410	Hydrant, Relocate, Case 2	8230096	2.000	Ea
2420	Water Main, 12 inch, Cut and Plug	8230134	1.000	Ea
2430	Water Main, 16 inch, Cut and Plug	8230135	1.000	Ea
2440	Gate Box, Adj, Case 1	8230431	2.000	Ea
2450	Gate Box, Adj, Case 2	8230432	2.000	Ea
2460	_ Water Main, Rem	8237001	824.000	Ft
2470	_ Hydrant, Adj	8237050	1.000	Ea
2480	_ Water Main, Conflict, 16 inch	8237050	2.000	Ea
2490	Contractor Staking, Road Only	8240007	1.000	LSUM
2500	Staking Plan Errors and Extras, One Person	8240020	80.000	Hr
2510	Staking Plan Errors and Extras, Two Person	8240021	32.000	Hr
2520	Staking Plan Errors and Extras, Three Person	8240022	48.000	Hr
2530	Flowable Fill, Non-Structural	8260148	5.000	Cyd



12/4/2020 9:13 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 012**Letting Date:** January 8, 2021**Contract ID:** 82252-126864

Description: Bridge rehabilitation of 12 structures including deck replacements, partial substructure replacement, epoxy overlay, deck patching, full depth deck patching, superstructure repair, temporary support removal, substructure patching, joint repair, bridge barrier railing repair, bearing realignment, full and partial painting, concrete surface coating, lighting replacement, pavement markings and approach work on I-75 at several locations and I-75 under Meade Street and M-8 to I-75 Ramp over GTW Railroad in the city of Detroit, Wayne County. This project includes a 2 year painting warranty and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
126864A	21A0117	N/A	IM 82252
209665A	21A0116	N/A	HIPI 82252

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Relocation and Site Cleanup	1077051	1.000	LSUM
0020	Critical Path Method Schedule	1080005	15,000.000	Dlr
0030	Mobilization, Max \$1,053,800.00	1500001	1.000	LSUM
0040	Dr Structure, Rem	2030011	5.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	87.000	Ft
0060	Conc Barrier, Rem	2040010	326.000	Ft
0070	Curb, Rem	2040021	157.000	Ft
0080	Fence, Rem	2040025	121.000	Ft
0090	Pavt, Rem	2040050	851.000	Syd
0100	Sidewalk, Rem	2040055	128.000	Syd
0110	Embankment, CIP	2050010	150.000	Cyd
0120	Embankment, LM	2050011	37.000	Cyd
0130	Excavation, Earth	2050016	527.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	34.000	Ea
0170	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd
0180	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0190	Subbase, CIP	3010002	274.000	Cyd
0200	Aggregate Base, LM	3020002	105.000	Cyd
0210	Aggregate Base, 4 inch	3020010	20.000	Syd
0220	Aggregate Base, 8 inch	3020020	461.000	Syd
0230	Aggregate Base, 12 inch	3020030	142.000	Syd

0240	Sewer, CI E, 12 inch, Tr Det B	4020600	113.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0260	Dr Structure Cover, Type B	4030010	1.000	Ea
0270	Dr Structure Cover, Type J	4030045	2.000	Ea
0280	Dr Structure Cover, Type K	4030050	2.000	Ea
0290	Dr Structure Cover, Type VG	4030090	3.000	Ea
0300	Dr Structure, 48 inch dia	4030210	7.000	Ea
0310	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0320	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0330	Underdrain, Subbase, 6 inch	4040063	471.000	Ft
0340	Underdrain Outlet, 6 inch	4040093	25.000	Ft
0350	HMA Surface, Rem	5010005	570.000	Syd
0360	HMA, 3E1	5010044	19.000	Ton
0370	HMA, 4E1	5010050	13.000	Ton
0380	HMA Approach	5010061	8.000	Ton
0390	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	37.000	Syd
0400	Joint, Contraction, C3p	6020201	447.000	Ft
0410	Joint, Expansion, E2	6020207	45.000	Ft
0420	Joint, Expansion, E3	6020208	107.000	Ft
0430	Joint, Expansion, E4	6020209	18.000	Ft
0440	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	644.000	Syd
0450	Joint, Expansion, Erg	6030021	56.000	Ft
0460	Joint, Tied, Trg	6030023	18.000	Ft
0470	Lane Tie, Epoxy Anchored	6030030	186.000	Ea
0480	Pavt Repr, Nonreinf Conc, 10 inch	6030048	8.000	Syd
0490	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	104.000	Syd
0500	Curb, Conc, Det E1	8020001	157.000	Ft
0510	Curb and Gutter, Conc, Det B3	8020017	82.000	Ft
0520	Curb and Gutter, Conc, Det C5	8020024	114.000	Ft
0530	_ Valley Gutter, Conc, 12 inch	8027001	116.000	Ft
0540	Detectable Warning Surface	8030010	61.000	Ft
0550	Curb Ramp Opening, Conc	8030030	6.000	Ft
0560	Sidewalk Ramp, Conc, 7 inch	8030037	548.000	Sft
0570	Sidewalk, Conc, 7 inch	8030047	632.000	Sft
0580	Conc Barrier, Single Face, Type C	8040003	303.000	Ft
0590	_ Conc Barrier, Single Face, Spec, Type B	8047001	20.000	Ft
0600	Curb Sloped, HMA	8050010	153.000	Ft
0610	Fence, Chain Link, 48 inch	8080011	130.000	Ft
0620	Bridge Sign Connection, Conc, Type A1	8100031	4.000	Ea
0630	Bridge Sign Connection, Steel, Type F	8100065	3.000	Ea
0640	Bridge Sign Connection, Type A, Rem	8100080	5.000	Ea
0650	Bridge Sign Connection, Type F, Rem	8100085	3.000	Ea
0660	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0670	Post, Steel, 3 lb	8100371	84.000	Ft
0680	Sign, Type I, Erect, Salv	8100390	1.000	Ea

0690	Sign, Type I, Rem	8100391	3.000	Ea
0700	Sign, Type IA	8100392	171.000	Sft
0710	Sign, Type II, Erect, Salv	8100396	6.000	Ea
0720	Sign, Type II, Rem	8100397	6.000	Ea
0730	Sign, Type IIB	8100399	16.000	Sft
0740	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0750	Sign, Type III, Rem	8100403	5.000	Ea
0760	Sign, Type IIIA	8100404	18.000	Sft
0770	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	105.000	Ft
0780	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	78.000	Ft
0790	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,400.000	Ft
0800	Rem Curing Compound, for Spec Mrkg	8110321	30.000	Sft
0810	Witness, Log, \$1,000.00	8110350	2,000.000	Dlr
0820	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	2,960.000	Ft
0830	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	18,811.000	Ft
0840	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	660.000	Ft
0850	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	500.000	Ft
0860	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	10,150.000	Ft
0870	Enhanced Delineation, Unidirectional, Conc Barrier, Side Mount	8117001	1,100.000	Ft
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	66.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	66.000	Ea
0900	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0910	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	33.000	Ea
0920	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	33.000	Ea
0930	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	10.000	Ea
0940	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea
0950	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
0960	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	5.000	Ea
0970	Conc Barrier, Temp, Adj	8120080	5,000.000	Ft
0980	Conc Barrier, Temp, Furn	8120081	5,000.000	Ft
0990	Conc Barrier, Temp, Oper	8120082	5,000.000	Ft
1000	Conc Barrier, Temp, Relocated	8120083	2,500.000	Ft
1010	High Intensity Light, Type B, Furn	8120110	8.000	Ea
1020	High Intensity Light, Type B, Oper	8120111	8.000	Ea
1030	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
1040	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
1050	Ltg for Night Work	8120160	1.000	LSUM
1060	Minor Traf Devices	8120170	1.000	LSUM
1070	Mobile Attenuator	8120180	2.000	Ea
1080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	10,080.000	Ft
1090	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	598.000	Ft
1100	Plastic Drum, Fluorescent, Furn	8120252	586.000	Ea
1110	Plastic Drum, Fluorescent, Oper	8120253	586.000	Ea

1120	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	71.000	Ft
1130	Sign Cover	8120310	105.000	Ea
1140	Sign Cover, Type 1	8120320	9.000	Ea
1150	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1170	Sign, Type A, Temp, Prismatic, Furn	8120340	5,942.000	Sft
1180	Sign, Type A, Temp, Prismatic, Oper	8120341	5,942.000	Sft
1190	Sign, Type B, Temp, Prismatic, Furn	8120350	12,364.000	Sft
1200	Sign, Type B, Temp, Prismatic, Oper	8120351	12,364.000	Sft
1210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	363.000	Sft
1220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	363.000	Sft
1230	Traf Regulator Control	8120370	1.000	LSUM
1240	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	21,232.000	Ft
1250	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	13,498.000	Ft
1260	Speed Radar Trailer, Temp	8122028	2.000	Ea
1270	Slope Restoration, Type B	8160101	102.000	Syd
1280	_ Turf Establishment, Performance	8167011	1,208.000	Syd
1290	Light Std Arm, Rem and Salv	8190278	1.000	Ea
1300	Light Std Fdn	8190279	4.000	Ea
1310	Light Std Shaft, 30 foot or less	8190285	4.000	Ea
1320	Light Std Shaft, Rem	8190305	1.000	Ea
1330	Luminaire, Rem and Salv	8190365	1.000	Ea
1340	_ Overhead, #8 Alum Triplex with #8 ACSR Neutral	8197001	230.000	Ft
1350	_ Overhead, Rem	8197001	90.000	Ft
1360	_ Luminaire, Bridge	8197050	4.000	Ea
1370	Gate Box, Adj, Case 1	8230431	2.000	Ea

Section: 2

1380	Asbestos Materials, Rem and Disposal	2040001	89,100.000	Dlr
1390	_ Structure Demolition Plan (R11 of 82252)	2047051	1.000	LSUM
1400	Backfill, Structure, CIP	2060002	606.000	Cyd
1410	Excavation, Fdn	2060010	570.000	Cyd
1420	Geotextile, Separator	3080005	344.000	Syd
1430	HMA Patch, Rem	5010006	151.000	Syd
1440	Bridge Ltg, Furn and Rem (R11 of 82252)	7060001	1.000	LSUM
1450	Bridge Ltg, Furn and Rem (S27 of 82252)	7060001	1.000	LSUM
1460	Bridge Ltg, Oper and Maintain	7060002	1,361.000	Cyd
1470	Expansion Joint Device	7060050	309.000	Ft
1480	Expansion Joint Device, Cover Plate	7060051	38.000	Ft
1490	False Decking	7060060	96,264.000	Sft
1500	Reinforcement, Steel, Epoxy Coated	7060092	385,501.000	Lb
1510	Substructure Conc, High Performance	7060101	118.000	Cyd

1520	Superstructure Conc, Form, Finish, and Cure (R11 of 82252)	7060111	1.000	LSUM
1530	Superstructure Conc, Form, Finish, and Cure (S27 of 82252)	7060111	1.000	LSUM
1540	Superstructure Conc, Form, Finish, and Cure, Night Casting (R11 of 82252)	7060112	1.000	LSUM
1550	Superstructure Conc, Form, Finish, and Cure, Night Casting (S27 of 82252)	7060112	1.000	LSUM
1560	Superstructure Conc, High Performance	7060116	130.000	Cyd
1570	Superstructure Conc, Night Casting, High Performance	7060117	1,361.000	Cyd
1580	_ False Decking, Special	7067010	15,900.000	Sft
1590	_ Conc, Grade DM	7067021	9.000	Cyd
1600	_ Embedded Distributed Anode	7067050	1,413.000	Ea
1610	Shear Developers (R11 of 82252)	7070040	1.000	LSUM
1620	Shear Developers (S27 of 82252)	7070040	1.000	LSUM
1630	Structural Steel, Mixed, Erect	7070050	10,125.000	Lb
1640	Structural Steel, Mixed, Furn and Fab	7070051	10,125.000	Lb
1650	Structural Steel, Plate, Erect	7070060	1,516.000	Lb
1660	Structural Steel, Plate, Furn and Fab	7070061	1,516.000	Lb
1670	Metal Mesh Panels	7070120	66,773.000	Sft
1680	_ Structural, Steel, Rem and Re-Erect (R11 of 82252)	7077051	1.000	LSUM
1690	Joint Waterproofing	7100001	422.000	Sft
1700	Conc Surface Coating, Warranty (R11 of 82252)	7100009	1.000	LSUM
1710	Conc Surface Coating, Warranty (S21 of 82252)	7100009	1.000	LSUM
1720	Conc Surface Coating, Warranty (S24 of 82252)	7100009	1.000	LSUM
1730	Conc Surface Coating, Warranty (S27 OF 82252)	7100009	1.000	LSUM
1740	Conc Surface Coating, Warranty (S28 of 82252)	7100009	1.000	LSUM
1750	Conc Surface Coating, Warranty (S31 of 82252)	7100009	1.000	LSUM
1760	Conc Surface Coating, Warranty (S33 of 82252)	7100009	1.000	LSUM
1770	Conc Surface Coating, Warranty (S37 of 82252)	7100009	1.000	LSUM
1780	Substructure Horizontal Surface Sealer (R11 of 82252)	7100030	89.000	Syd
1790	Substructure Horizontal Surface Sealer (S21 of 82252)	7100030	107.000	Syd
1800	Substructure Horizontal Surface Sealer (S23 of 82252)	7100030	74.000	Syd
1810	Substructure Horizontal Surface Sealer (S33 of 82252)	7100030	78.000	Syd
1820	Reflective Marker, Permanent Barrier	7110003	45.000	Ea
1830	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	366.000	Ft
1840	Bridge Railing, Aesthetic, Type 6, Det 2, High Performance	7110056	1,091.000	Ft
1850	Bridge Railing, Aesthetic, Type 7, Det 2 High Performance	7110058	1,042.000	Ft
1860	_ Bridge Barrier Railing, Reconst Portions	7117001	10.000	Ft
1870	Hand Chipping, Deep	7120004	322.000	Syd
1880	Hand Chipping, Other Than Deck	7120007	2,901.000	Cft
1890	Patch, Full Depth	7120010	67.000	Cyd
1900	Patch, Forming	7120017	9,880.000	Sft
1910	Epoxy Ovly	7120020	24,996.000	Syd

1920	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	16.000	Ea
1930	Bolt, Adhesive Anchored, 1 inch	7120044	48.000	Ea
1940	Structures, Rehabilitation, Rem Portions (R11 of 82252)	7120070	1.000	LSUM
1950	Structures, Rehabilitation, Rem Portions (S27 of 82252)	7120070	1.000	LSUM
1960	Structures, Rehabilitation, Rem Portions (S31 of 82252)	7120070	1.000	LSUM
1970	Structures, Rehabilitation, Rem Portions (S33 of 82252)	7120070	1.000	LSUM
1980	Structures, Rehabilitation, Rem Portions (S37 of 82252)	7120070	1.000	LSUM
1990	Deck Joint, Rem	7120071	44.000	Ft
2000	Masonry Plate, Grout	7120090	41.000	Ea
2010	Top Flanges and Beam Ends, Clean and Coat	7120100	1,166.000	Syd
2020	Patching Conc, C-L	7120112	164.000	Cyd
2030	Embedded Galvanic Anode	7120120	2,913.000	Ea
2040	_ Column Wrap with Fiber Reinforced Polymer Sheet	7127010	2,279.000	Sft
2050	_ Deck, Scaling	7127010	1,000.000	Sft
2060	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7127010	625.000	Sft
2070	_ Rapid-Setting Polymer Conc, Full Depth	7127010	500.000	Sft
2080	_ Hand Chipping, Full Depth	7127020	1,740.000	Cft
2090	_ Bolt, Adhesive Anchored, 1 1/2 inch	7127050	16.000	Ea
2100	_ Bolt, Adhesive Anchored, 1 1/4 inch	7127050	10.000	Ea
2110	_ Bolt, Adhesive Anchored, 1 1/8 inch	7127050	16.000	Ea
2120	_ Bridge Joints, Clean and Seal (R08 of 82252), Modified	7127051	1.000	LSUM
2130	_ Bridge Joints, Clean and Seal (S21 of 82252), Modified	7127051	1.000	LSUM
2140	_ Bridge Joints, Clean and Seal (S22 of 82252), Modified	7127051	1.000	LSUM
2150	_ Bridge Joints, Clean and Seal (S23 of 82252), Modified	7127051	1.000	LSUM
2160	_ Bridge Joints, Clean and Seal (S28 of 82252), Modified	7127051	1.000	LSUM
2170	_ Bridge Joints, Clean and Seal (S31 of 82252), Modified	7127051	1.000	LSUM
2180	_ Bridge Joints, Clean and Seal (S36 of 82252), Modified	7127051	1.000	LSUM
2190	_ Bridge Joints, Clean and Seal (S37 of 82252), Modified	7127051	1.000	LSUM
2200	Beam Plate, Seal Perimeter	7130010	3,706.000	Ft
2210	Rocker, Realign	7130050	46.000	Ea
2220	Stiffeners, Furn, Fab, and Erect	7130060	12,950.000	Lb
2230	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	9,229.000	Lb
2240	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	163.000	Lb
2250	Support, Column, Temp	7130080	69.000	Ea
2260	Support, Diaphragm, Temp	7130081	4.000	Ea
2270	Steel Structure, Cleaning, Type 4 (S24 of 82252)	7150045	1.000	LSUM
2280	Steel Structure, Cleaning, Type 4 (S27 of 82252)	7150045	1.000	LSUM

2290	Steel Structure, Coating, Type 4 (S24 of 82252)	7150046	1.000	LSUM
2300	Steel Structure, Coating, Type 4 (S27 of 82252)	7150046	1.000	LSUM
2310	Steel Structure, Cleaning, Partial, Type 4 (R11 of 82252)	7150047	1.000	LSUM
2320	Steel Structure, Cleaning, Partial, Type 4 (S31 of 82252)	7150047	1.000	LSUM
2330	Steel Structure, Cleaning, Partial, Type 4 (S36 of 82252)	7150047	1.000	LSUM
2340	Steel Structure, Cleaning, Partial, Type 4 (S37 of 82252)	7150047	1.000	LSUM
2350	Steel Structure, Coating, Partial, Type 4 (R11 of 82252)	7150048	1.000	LSUM
2360	Steel Structure, Coating, Partial, Type 4 (S31 of 82252)	7150048	1.000	LSUM
2370	Steel Structure, Coating, Partial, Type 4 (S36 of 82252)	7150048	1.000	LSUM
2380	Steel Structure, Coating, Partial, Type 4 (S37 of 82252)	7150048	1.000	LSUM
2390	_ Clean and Coat Steel Bearing	7157050	36.000	Ea
2400	Field Repair of Damaged Coating	7160001	1.000	LSUM
2410	Field Repair of Damaged Coating (R11 of 82252)	7160001	1.000	LSUM
2420	Field Repair of Damaged Coating (S24 of 82252)	7160001	1.000	LSUM
2430	Field Repair of Damaged Coating (S31 of 82252)	7160001	1.000	LSUM
2440	Field Repair of Damaged Coating (S36 of 82252)	7160001	1.000	LSUM
2450	Field Repair of Damaged Coating (S37 of 82252)	7160001	1.000	LSUM
2460	_ Sidewalk Surface Treatment	8037011	325.000	Syd
2470	_ Fence, Structure, Special	8087001	366.000	Ft
2480	Slope Paving Header	8130015	89.000	Ft
2490	Slope Paving, Conc	8130020	223.000	Syd
2500	_ Cable, Rem and Salv	8197001	185.000	Ft
2510	_ Railroad Inspection and Flagging	8507060	135,000.000	Dlr
2520	_ Railroad Protection - CN/GTW	8507060	10,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210108 013

Letting Date: January 8, 2021

Contract ID: 77024-130024

Description: 6.55 mi of hot mix asphalt reconstruction and concrete pavement reconstruction, fiber relocation, culverts, guardrail, signing and pavement markings on I-69 from the Cox-Doty Drain easterly to M-19, St. Clair County. This project includes two 5 year materials and workmanship pavement warranties. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130024A	N/A	N/A	RBMP 77011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$4,244,000.00	1500001	1.000	LSUM
0030	Clearing	2010001	20.970	Acre
0040	Clearing, Fence	2010002	619.000	Sta
0050	Culv, Rem, Less than 24 inch	2030001	46.000	Ea
0060	Culv, Rem, Over 48 inch	2030003	2.000	Ea
0070	Fence, Rem	2040025	61,996.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0090	Pavt, Rem	2040050	304,580.000	Syd
0100	Embankment, CIP	2050010	158,898.000	Cyd
0110	Excavation, Earth	2050016	109,471.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	3,500.000	Cyd
0140	Aggregate, 6A	2060001	1,000.000	Cyd
0150	Erosion Control, Check Dam, Stone	2080012	1,976.000	Ft
0160	Erosion Control, Filter Bag	2080014	12.000	Ea
0170	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0180	Erosion Control, Gravel Filter Berm	2080018	545.000	Ft
0190	Erosion Control, Maintenance, Sediment Removal	2080026	420.000	Cyd
0200	Erosion Control, Sand Bag	2080028	350.000	Ea
0210	Erosion Control, Sediment Basin	2080032	25.000	Cyd
0220	Erosion Control, Sediment Trap	2080034	243.000	Ea
0230	Erosion Control, Silt Fence	2080036	27,115.000	Ft
0240	_ Erosion Control, Check Dam, Stone, Special	2087001	3,263.000	Ft
0250	Subbase, CIP	3010002	6,877.000	Cyd

0260	Aggregate Base, 6 inch	3020016	15,914.000	Syd
0270	Approach, CI II, 6 inch	3070028	174.000	Syd
0280	_ Shoulder, CI II, Modified	3077031	1,089.000	Ton
0290	Geotextile, Separator	3080005	2,500.000	Syd
0300	Culv End Sect, 12 inch	4010012	2.000	Ea
0310	Culv End Sect, 24 inch	4010024	88.000	Ea
0320	Culv End Sect, 30 inch	4010030	4.000	Ea
0330	Culv End Sect, 36 inch	4010036	4.000	Ea
0340	Culv, CI A, 12 inch	4010131	100.000	Ft
0350	Culv, CI A, 24 inch	4010134	3,864.000	Ft
0360	Culv, CI A, 30 inch	4010135	336.000	Ft
0370	Culv, CI A, 36 inch	4010136	160.000	Ft
0380	Culv, CI A, 72 inch	4010142	241.000	Ft
0390	Culv, CI E, 24 inch	4010542	304.000	Ft
0400	Culv, Reinf Conc Ellip, HE CI A, 58 inch by 91 inch	4010819	103.000	Ft
0410	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0420	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0430	Dr Structure, Tap, 72 inch	4030372	2.000	Ea
0440	Underdrain, Subbase, 6 inch	4040063	4,485.000	Ft
0450	Underdrain, Subgrade, 6 inch	4040073	3,000.000	Ft
0460	Underdrain Outlet, 6 inch	4040093	13,410.000	Ft
0470	Underdrain, Outlet Ending, 6 inch	4040113	473.000	Ea
0480	_ Underdrain, Rem	4047001	5,000.000	Ft
0490	Bump Grinding	5010004	200.000	Syd
0500	HMA Surface, Rem	5010005	5,423.000	Syd
0510	HMA Quality Initiative	5010007	9,050.000	Dlr
0520	Longitudinal Joint Density Quality Initiative	5010018	11,121.000	Dlr
0530	Hand Patching	5010025	1,480.000	Ton
0540	HMA, 3E3	5010045	1,368.000	Ton
0550	HMA, 4E3	5010051	1,141.000	Ton
0560	HMA, 5E3	5010057	685.000	Ton
0570	HMA Approach	5010061	2,041.000	Ton
0580	_ Pavt Joint and Crack Repr, Det 7, Special	5017001	6,101.000	Ft
0590	_ Pavt Joint and Crack Repr, Det 8, Special	5017001	12,202.000	Ft
0600	_ Pavt, Temp	5017011	6,929.000	Syd
0610	_ Pavt, Temp, Rem	5017011	6,929.000	Syd
0620	_ Ride Incentive	5017060	86,342.000	Dlr
0630	Seal, Single Chip	5050001	15,210.000	Syd
0640	_ Seal, Fog	5057011	15,210.000	Syd
0650	Joint, Expansion, E3	6020208	40.000	Ft
0660	Shoulder, Nonreinf Conc	6020222	860.000	Syd
0670	Cold Milling Conc Pavt	6030014	12,055.000	Syd
0680	Joint, Contraction, Crg	6030020	3,600.000	Ft
0690	Joint, Expansion, Erg	6030021	64.000	Ft
0700	Pavt Repr, Nonreinf Conc, 9 inch	6030046	640.000	Syd

0710	Pavt Repr, Rem	6030080	640.000	Syd
0720	_ High Performance Biaxial Geogrid	7007011	3,065.000	Syd
0730	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	104.000	Syd
0740	_ Fiber Optic, Cable, Reinstall	8007001	150.000	Ft
0750	_ Fiber Optic, Cable, Rem	8007001	150.000	Ft
0760	_ Fiber Optic Splice Cabinet, Install Salv	8007050	3.000	Ea
0770	_ Fiber Optic Splice Cabinet, Rem and Salv	8007050	4.000	Ea
0780	_ Fiber Optic, Marker, Above Ground, Rem	8007050	53.000	Ea
0790	_ Ancillary Conduit Infrastructure	8007051	1.000	LSUM
0800	Driveway, Nonreinf Conc, 6 inch	8010005	535.000	Syd
0810	Curb and Gutter, Bridge Approach	8020010	68.000	Ft
0820	Curb and Gutter, Conc, Det B2	8020016	1,775.000	Ft
0830	Curb and Gutter, Conc, Det D2	8020031	194.000	Ft
0840	Driveway Opening, Conc, Det M	8020050	224.000	Ft
0850	Guardrail, Type MGS-8	8070004	2,099.000	Ft
0860	Guardrail, Curved, Type B	8070010	63.000	Ft
0870	Guardrail, Type MGS-8, Temp	8070013	300.000	Ft
0880	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
0890	Guardrail Anch, Bridge, Det T1, Temp	8070030	2.000	Ea
0900	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0910	Guardrail Approach Terminal, Type 2M, Temp	8070049	2.000	Ea
0920	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0930	Guardrail Departing Terminal, Type MGS	8070052	5.000	Ea
0940	Guardrail, Salv	8070075	2,622.000	Ft
0950	Guardrail Reflector	8070080	59.000	Ea
0960	Fence, Woven Wire with Steel Post	8080002	66,565.000	Ft
0970	Column, Breakaway, W8 x 13	8100120	14.000	Ea
0980	Column, Breakaway, W8 x 18	8100121	2.000	Ea
0990	Delineator Reflector, Red	8100131	183.000	Ea
1000	Delineator Reflector, Yellow	8100132	73.000	Ea
1010	Delineator Reflector, Green	8100133	26.000	Ea
1020	Delineator Reflector, White	8100134	413.000	Ea
1030	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	12.000	Ea
1040	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	6.000	Ea
1050	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	36.000	Ea
1060	Fdn, Breakaway, W8 x 13	8100160	14.000	Ea
1070	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1080	Fdn, Column Breakaway, Rem	8100220	14.000	Ea
1090	Fdn, Wood Support, Rem	8100280	23.000	Ea
1100	Installing MDOT Supplied Sign, Type III	8100302	14.000	Ea
1110	Perforated Steel Square Tube Breakaway System	8100330	14.000	Ea
1120	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	18.000	Ea
1130	Post, Flexible, Delineator	8100360	42.000	Ea

1140	Post, Rigid, Delineator	8100361	512.000	Ea
1150	Post, Steel, 3 lb	8100371	1,679.000	Ft
1160	Post, Wood, 4 inch by 6 inch	8100380	308.000	Ft
1170	Post, Wood, 6 inch by 8 inch	8100382	174.000	Ft
1180	Sign, Type I, Rem	8100391	19.000	Ea
1190	Sign, Type IA	8100392	1,250.000	Sft
1200	Sign, Type II, Rem	8100397	11.000	Ea
1210	Sign, Type IIA	8100398	177.000	Sft
1220	Sign, Type III, Erect, Salv	8100402	1.000	Ea
1230	Sign, Type III, Rem	8100403	129.000	Ea
1240	Sign, Type IIIA	8100404	281.000	Sft
1250	Sign, Type IIIB	8100405	306.000	Sft
1260	Sign, Type V, Rem	8100421	1.000	Ea
1270	Sign, Type VA	8100424	54.000	Sft
1280	Sign, Type VB	8100425	184.000	Sft
1290	Reflective Panel for Permanent Sign Support, 3 foot	8100613	14.000	Ea
1300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
1310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	24.000	Ft
1320	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
1330	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
1340	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1350	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	3.000	Ea
1360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	127.000	Ft
1370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,665.000	Ft
1380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,620.000	Ft
1390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,665.000	Ft
1400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,620.000	Ft
1410	Rem Spec Mrkg	8110343	200.000	Sft
1420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1430	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
1440	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
1450	Recessing Pavt Mrkg, Longit	8110450	175,684.000	Ft
1460	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	645.000	Ft
1470	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	111,199.000	Ft
1480	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	5,854.000	Ft
1490	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	2,315.000	Ft
1500	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	87,171.000	Ft
1510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
1520	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
1530	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	315.000	Ea
1540	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	315.000	Ea
1550	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	8.000	Ea
1560	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	8.000	Ea

1570	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	8.000	Ea
1580	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	8.000	Ea
1590	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	1.000	Ea
1600	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	1.000	Ea
1610	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	1.000	Ea
1620	Conc Barrier, Temp, Adj	8120080	67,690.000	Ft
1630	Conc Barrier, Temp, Furn	8120081	67,690.000	Ft
1640	Conc Barrier, Temp, Oper	8120082	67,690.000	Ft
1650	Conc Barrier, Temp, Relocated	8120083	700.000	Ft
1660	High Intensity Light, Type B, Furn	8120110	8.000	Ea
1670	High Intensity Light, Type B, Oper	8120111	8.000	Ea
1680	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1690	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1700	Minor Traf Devices	8120170	1.000	LSUM
1710	Mobile Attenuator	8120180	2.000	Ea
1720	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	95,500.000	Ft
1730	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	2,000.000	Ft
1740	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
1750	Plastic Drum, Fluorescent, Furn	8120252	176.000	Ea
1760	Plastic Drum, Fluorescent, Oper	8120253	176.000	Ea
1770	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1780	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
1790	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	156.000	Ft
1800	PTS System, Temp, Furn	8120270	2.000	Ea
1810	PTS System, Temp, Oper	8120271	2.000	Ea
1820	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	120.000	Ea
1830	Sign Cover	8120310	16.000	Ea
1840	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	10.000	Ea
1850	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	10.000	Ea
1860	Sign, Type A, Temp, Prismatic, Furn	8120340	14.000	Sft
1870	Sign, Type A, Temp, Prismatic, Oper	8120341	14.000	Sft
1880	Sign, Type B, Temp, Prismatic, Furn	8120350	2,230.000	Sft
1890	Sign, Type B, Temp, Prismatic, Oper	8120351	2,230.000	Sft
1900	Traf Regulator Control	8120370	1.000	LSUM
1910	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	75,000.000	Ft
1920	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	75,000.000	Ft
1930	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	65,000.000	Ft
1940	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch,	8122006	65,000.000	Ft

	Yellow, Temp			
1950	Speed Radar Trailer, Temp	8122028	2.000	Ea
1960	Temp Rumble Strips (Orange)	8122030	1,296.000	Ft
1970	_ Driveway Assistance Device, Portable, Temp	8127050	4.000	Ea
1980	_ Rumble Strip, Temp, Portable, Furn	8127050	24.000	Ea
1990	_ Rumble Strip, Temp, Portable, Oper	8127050	24.000	Ea
2000	Riprap, Plain	8130010	576.000	Syd
2010	Site Preparation, Max \$16,90000	8150001	1.000	LSUM
2020	Watering and Cultivating, First Season, Min \$8,200	8150002	1.000	LSUM
2030	Watering and Cultivating, Second Season, Min \$10,100	8150003	1.000	LSUM
2040	Picea abies, 4 foot	8152740	100.000	Ea
2050	Picea glauca Densata, 4 foot	8152754	100.000	Ea
2060	Picea omorika, 4 foot	8152786	100.000	Ea
2070	Slope Restoration, Type A	8160100	608,272.000	Syd
2080	Slope Restoration, Type B	8160101	138,784.000	Syd
2090	Slope Restoration, Type C	8160102	4,772.000	Syd
2100	Slope Restoration, Type D	8160103	915.000	Syd
2110	Cable, Rem	8190016	125,380.000	Ft
2120	Conduit, DB, 1, 3 inch	8190029	150.000	Ft
2130	Conduit, DB, 2, 3 inch	8190032	290.000	Ft
2140	Conduit, Rem	8190140	60,665.000	Ft
2150	Hh, Rem	8190254	21.000	Ea
2160	Hh, Round, 3 foot dia	8190259	38.000	Ea
2170	Conduit, Directional Bore, 2, 3 inch	8190604	30,325.000	Ft
2180	Fdn, Rem	8200065	4.000	Ea
2190	_ Cellular Modem, 4G	8207050	6.000	Ea
2200	_ System Testing	8207051	1.000	LSUM
2210	Monument Box Adjust	8210005	2.000	Ea
2220	Fiber Optic, Cable, Single Mode Fiber, 24F	8260048	67,115.000	Ft
2230	Fiber Optic, Cable, Single Mode Fiber, 60F	8260051	32,315.000	Ft
2240	Fiber Optic, Hardware Assembly, Small	8260065	1.000	Ea
2250	Fiber Optic, Marker, Above Ground	8260069	48.000	Ea
2260	Tracer Wire	8260070	31,175.000	Ft
2270	System Integration and Testing	8260160	1.000	LSUM
2280	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dlr

Section: 2

2290	Embankment, CIP	2050010	70,064.000	Cyd
2300	Excavation, Earth	2050016	247,196.000	Cyd
2310	Subbase, CIP	3010002	273,335.000	Cyd
2320	Aggregate Base, 6 inch	3020016	328,935.000	Syd
2330	_ Shoulder, CI II, Modified	3077031	22,170.000	Ton
2340	Underdrain, Subbase, 6 inch	4040063	121,920.000	Ft
2350	HMA Quality Initiative	5010007	286,000.000	Dlr

2360	_ HMA, 3E3, 3 3/4 inch	5017011	109,126.000	Syd
2370	_ HMA, 3E3, 3 inch	5017011	35,088.000	Syd
2380	_ HMA, 3E30, 3 3/4 inch	5017011	414,346.000	Syd
2390	_ HMA, 4E3, 2 inch	5017011	35,088.000	Syd
2400	_ HMA, 5E3, 1 1/2 inch	5017011	89,611.000	Syd
2410	_ HMA, 5E30, 1 1/2 inch	5017011	204,173.000	Syd
2420	_ HMA, Approach, 4 inch	5017011	1,244.000	Syd
2430	_ HMA, Approach, 6 1/2 inch	5017011	2,018.000	Syd
2440	_ HMA, Approach, 9 inch	5017011	10,953.000	Syd
2450	Shoulder Corrugations, Ground or Cut, HMA	8220001	133,200.000	Ft

Section: 3

2460	Embankment, CIP	2050010	86,413.000	Cyd
2470	Excavation, Earth	2050016	164,582.000	Cyd
2480	Subbase, CIP	3010002	160,370.000	Cyd
2490	Open-Graded Dr Cse, 6 inch	3030006	312,455.000	Syd
2500	Open-Graded Dr Cse, Shld	3030015	16,180.000	Syd
2510	_ Shoulder, CI II, Modified	3077031	25,790.000	Ton
2520	Geotextile, Separator	3080005	336,309.000	Syd
2530	Underdrain, Pipe, Open-Graded, 6 inch	4040043	121,920.000	Ft
2540	Joint, Contraction, Cp	6020200	146,257.000	Ft
2550	Joint, Contraction, C3p	6020201	64,769.000	Ft
2560	Joint, Expansion, E2	6020207	480.000	Ft
2570	Joint, Expansion, E4	6020209	264.000	Ft
2580	Conc Quality Initiative	6020401	286,000.000	Dlr
2590	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	35,088.000	Syd
2600	Conc Pavt, Nonreinf, 9 1/2 inch, High Performance	6020503	262,235.000	Syd
2610	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	2,018.000	Syd
2620	Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance	6020515	10,953.000	Syd
2630	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	7,398.000	Ft
2640	Recessing Pavt Mrkg, Longit	8110450	7,398.000	Ft
2650	Shoulder Corrugations, Ground or Cut, Conc	8220000	125,000.000	Ft

Section: 4

2660	Backfill, Structure, CIP	2060002	904.000	Cyd
2670	Excavation, Fdn	2060010	961.000	Cyd
2680	_ Geotextile, Separator, Non-Woven	3087011	212.000	Syd
2690	Culv Bedding, Box Culv	4060005	48.000	Cyd
2700	_ Precast Conc, Wingwall	4067050	2.000	Ea
2710	Reinforcement, Steel, Epoxy Coated	7060092	13,318.000	Lb
2720	Substructure Conc, High Performance	7060101	72.000	Cyd
2730	Hand Chipping, Other Than Deck	7120007	19.000	Cft
2740	Patch, Forming	7120017	20.000	Sft
2750	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	27.000	Ea

2760	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	20.000	Ea
2770	Structures, Rehabilitation, Rem Portions (C03 of 77011)	7120070	1.000	LSUM
2780	Reinforcement, Mechanical Splice	7120084	22.000	Ea
2790	Patching Conc, C-L	7120112	1.000	Cyd
2800	Embedded Galvanic Anode	7120120	10.000	Ea
2810	Riprap, Plain	8130011	383.000	Ton

Section: 5

2820	_ Calendar Days of Contract Time for Opening to Traffic, Eastbound I-69	1027060	10,800.000	Dlr
2830	_ Calendar Days of Contract Time for Opening to Traffic, Westbound I-69	1027060	10,800.000	Dlr



12/4/2020 9:13 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 014**Letting Date:** January 8, 2021**Contract ID:** 50051-85541

Description: 3.44 mi of hot mix asphalt reconstruction, concrete paving, curb, gutter, sidewalk and ramps, sewer work, signing and pavement markings on M-3 from 11 Mile Road to 14 Mile Road in the city of Roseville, Macomb County. This is an On-the-Job-Training Voluntary Incentive Program pilot project. See unique special provision for additional information.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
85541A	21A0133	N/A	NH 50051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Facilitated Partnering	1027060	22,000.000	Dlr
0020	_ Facilitated Partnering, Facilitator Travel Costs	1027060	4,000.000	Dlr
0030	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0040	Dispute Review Board, Progress Meeting	1040050	84,000.000	Dlr
0050	_ Reimbursed Permit Fees	1077060	7,470.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$5,507,800.00	1500001	1.000	LSUM
0080	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0090	Tree, Rem, 6 inch to 18 inch	2020004	407.000	Ea
0100	Dr Structure, Rem	2030011	513.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	32,659.000	Ft
0120	Sewer, Rem, 24 inch to 48 inch	2030016	4,297.000	Ft
0130	_ Monitoring Well, Abandon	2037050	20.000	Ea
0140	_ Monitoring Well, Adjust	2037050	30.000	Ea
0150	Curb and Gutter, Rem	2040020	35,175.000	Ft
0160	Guardrail, Rem	2040035	832.000	Ft
0170	Masonry and Conc Structure, Rem	2040045	100.000	Cyd
0180	Pavt, Rem	2040050	254,107.000	Syd
0190	Sidewalk, Rem	2040055	17,282.000	Syd
0200	Exploratory Investigation, Vertical	2040080	700.000	Ft
0210	_ Paver, Rem and Salv	2047010	500.000	Sft
0220	_ Pavt, Rem, Special	2047011	15,692.000	Syd
0230	_ Removal of Utility Facilities (Consumers)	2047051	1.000	LSUM
0240	Embankment, CIP	2050010	21,520.000	Cyd
0250	Excavation, Earth	2050016	229,726.000	Cyd
0260	Non Haz Contaminated Material Handling and Disposal, LM	2050031	13,736.000	Cyd

0270	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0280	_ High Strength Geogrid	2057011	2,000.000	Syd
0290	_ Subgrade Undercutting, Modified	2057021	2,000.000	Cyd
0300	Erosion Control, Filter Bag	2080014	3.000	Ea
0310	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0320	Erosion Control, Inlet Protection, Fabric Drop	2080020	1,944.000	Ea
0330	Erosion Control, Inlet Protection, Sediment Trap	2080024	242.000	Ea
0340	Erosion Control, Maintenance, Sediment Removal	2080026	200.000	Cyd
0350	Erosion Control, Sand Bag	2080028	100.000	Ea
0360	Erosion Control, Sediment Trap	2080034	5.000	Ea
0370	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0380	Project Cleanup	2090001	1.000	LSUM
0390	Subbase, CIP	3010002	61,527.000	Cyd
0400	Aggregate Base, 4 inch	3020010	5,014.000	Syd
0410	Aggregate Base, 6 inch	3020016	24,453.000	Syd
0420	Aggregate Base, 10 inch	3020026	42,423.000	Syd
0430	Aggregate Base, 12 inch	3020030	332.000	Syd
0440	_ Open-Graded Dr Cse, 16 inch	3037011	285,145.000	Syd
0450	Shoulder, CI II, 6 inch, Temp	3070183	68.000	Syd
0460	Geotextile, Separator	3080005	312,035.000	Syd
0470	Culv End Sect, 12 inch	4010012	1.000	Ea
0480	Dr Marker Post	4011109	4.000	Ea
0490	_ Storm Water Treatment System No. 1	4017051	1.000	LSUM
0500	_ Storm Water Treatment System No. 2	4017051	1.000	LSUM
0510	_ Storm Water Treatment System No. 3	4017051	1.000	LSUM
0520	_ Storm Water Treatment System No. 4	4017051	1.000	LSUM
0530	Sewer, CI A, 12 inch, Tr Det A	4020004	447.000	Ft
0540	Sewer, CI A, 15 inch, Tr Det A	4020005	178.000	Ft
0550	Sewer, CI A, 18 inch, Tr Det A	4020006	455.000	Ft
0560	Sewer, CI A, 24 inch, Tr Det A	4020007	82.000	Ft
0570	Sewer, CI A, 30 inch, Tr Det A	4020008	75.000	Ft
0580	Sewer, CI A, 36 inch, Tr Det A	4020009	246.000	Ft
0590	Sewer, CI A, 12 inch, Tr Det B	4020033	38,598.000	Ft
0600	Sewer, CI A, 15 inch, Tr Det B	4020034	2,175.000	Ft
0610	Sewer, CI A, 18 inch, Tr Det B	4020035	2,322.000	Ft
0620	Sewer, CI A, 24 inch, Tr Det B	4020036	2,112.000	Ft
0630	Sewer, CI A, 30 inch, Tr Det B	4020037	1,556.000	Ft
0640	Sewer, CI A, 36 inch, Tr Det B	4020038	250.000	Ft
0650	Sewer, CI B, 24 inch, Tr Det A	4020156	170.000	Ft
0660	Sewer, CI B, 12 inch, Tr Det B	4020183	243.000	Ft
0670	Sewer, CI B, 15 inch, Tr Det B	4020184	462.000	Ft
0680	Sewer, CI B, 18 inch, Tr Det B	4020185	451.000	Ft
0690	Sewer, CI B, 24 inch, Tr Det B	4020186	1,071.000	Ft
0700	Sewer, CI B, 30 inch, Tr Det B	4020187	2,041.000	Ft
0710	Sewer, CI B, 36 inch, Tr Det B	4020188	467.000	Ft

0720	Sewer, CI E, 12 inch, Tr Det B	4020600	7,450.000	Ft
0730	Sewer, CI E, 15 inch, Tr Det B	4020601	380.000	Ft
0740	Sewer, CI E, 18 inch, Tr Det B	4020602	50.000	Ft
0750	Sewer, CI E, 30 inch, Tr Det B	4020604	99.000	Ft
0760	Sewer Tap, 12 inch	4021204	59.000	Ea
0770	Sewer Tap, 15 inch	4021205	15.000	Ea
0780	Sewer Tap, 18 inch	4021206	22.000	Ea
0790	Sewer Tap, 24 inch	4021207	3.000	Ea
0800	Sewer Tap, 30 inch	4021208	2.000	Ea
0810	Sewer Tap, 36 inch	4021209	2.000	Ea
0820	Sewer Tap, 48 inch	4021211	1.000	Ea
0830	Sewer Tap, 60 inch	4021213	1.000	Ea
0840	Sewer Tap, 72 inch	4021215	1.000	Ea
0850	Sewer Bulkhead, 15 inch	4021231	25.000	Ea
0860	Sewer Bulkhead, 18 inch	4021232	25.000	Ea
0870	Video Taping Sewer and Culv Pipe	4021275	59,245.000	Ft
0880	_ Sanitary Sewer, DI, CI 52, 12 inch, Tr Det B	4027001	150.000	Ft
0890	_ Sanitary Sewer, DI, CI 52, 8 inch, Tr Det B	4027001	150.000	Ft
0900	_ Sewer, DI CI 52, 12 inch, Tr Det B	4027001	250.000	Ft
0910	_ Sewer, DI CI 52, 18 inch, Tr Det B	4027001	120.000	Ft
0920	_ Hazardous Waste Operations and Emergency Response Training	4027050	2.000	Ea
0930	_ Sanitary Structure, 48 inch dia	4027050	6.000	Ea
0940	_ Dewatering System for Contaminated Groundwater, Site	4027051	1.000	LSUM
0950	Dr Structure Cover, Adj, Case 1, Modified	4030004	219.000	Ea
0960	Dr Structure Cover, Adj, Case 1	4030005	346.000	Ea
0970	Dr Structure Cover, Adj, Case 2	4030006	135.000	Ea
0980	Dr Structure Cover, Type B	4030010	293.000	Ea
0990	Dr Structure Cover, Type C	4030015	7.000	Ea
1000	Dr Structure Cover, Type D	4030025	136.000	Ea
1010	Dr Structure Cover, Type G	4030040	14.000	Ea
1020	Dr Structure Cover, Type J	4030045	53.000	Ea
1030	Dr Structure Cover, Type K	4030050	790.000	Ea
1040	Dr Structure Lead, Cleaning, 12 inch	4030112	550.000	Ft
1050	Dr Structure Lead, Cleaning, 18 inch	4030118	400.000	Ft
1060	Dr Structure Lead, Cleaning, 24 inch	4030124	250.000	Ft
1070	Dr Structure, 24 inch dia	4030200	323.000	Ea
1080	Dr Structure, 48 inch dia	4030210	798.000	Ea
1090	Dr Structure, 60 inch dia	4030220	45.000	Ea
1100	Dr Structure, 72 inch dia	4030230	8.000	Ea
1110	Dr Structure, 84 inch dia	4030231	2.000	Ea
1120	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	11.000	Ft
1130	Dr Structure, Add Depth of 84 inch dia, more than 15 foot	4030233	1.000	Ft

1140	Dr Structure, 96 inch dia	4030234	3.000	Ea
1150	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	7.000	Ft
1160	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	4.000	Ft
1170	Dr Structure, Add Depth of 24 inch dia, more than 15 foot	4030241	2.000	Ft
1180	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	332.000	Ft
1190	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	9.000	Ft
1200	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	123.000	Ft
1210	Dr Structure, Adj, Add Depth	4030280	107.000	Ft
1220	Dr Structure, Cleaning	4030290	30.000	Ea
1230	Dr Structure, Tap, 12 inch	4030312	20.000	Ea
1240	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
1250	Dr Structure, Tap, 18 inch	4030318	5.000	Ea
1260	Dr Structure, Tap, 24 inch	4030324	5.000	Ea
1270	Dr Structure, Tap, 30 inch	4030330	2.000	Ea
1280	Dr Structure, Tap, 36 inch	4030336	2.000	Ea
1290	_ Dr Structure Cover, Type B, Modified	4037050	19.000	Ea
1300	_ Dr Structure Cover, Type D, Modified	4037050	265.000	Ea
1310	Underdrain, Pipe, Open-Graded, 6 inch	4040043	106,245.000	Ft
1320	Underdrain, Subbase, 6 inch	4040063	29,350.000	Ft
1330	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
1340	Underdrain Outlet, 6 inch	4040093	4,078.000	Ft
1350	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
1360	_ Underdrain, Rem	4047001	67,733.000	Ft
1370	_ Video Inspection of Underdrain	4047001	109,968.000	Ft
1380	Pavt, Cleaning	5010001	1.000	LSUM
1390	Cold Milling HMA Surface	5010002	667.000	Syd
1400	HMA Surface, Rem	5010005	306,947.000	Syd
1410	HMA Quality Initiative	5010007	205,800.000	Dlr
1420	Longitudinal Joint Density Quality Initiative	5010018	266,520.000	Dlr
1430	Pavt Joint and Crack Repr, Det 7	5010020	7,526.000	Ft
1440	Hand Patching	5010025	3,084.000	Ton
1450	HMA, 3E3	5010045	40,977.000	Ton
1460	HMA Approach	5010061	10,778.000	Ton
1470	HMA, 4E3, High Stress	5010509	21,498.000	Ton
1480	HMA, 5E3, High Stress	5010515	16,108.000	Ton
1490	HMA Approach, High Stress	5010520	10,455.000	Ton
1500	HMA, Temp Pavt (3E3)	5010804	8,166.000	Ton
1510	HMA, Temp Pavt (4E3)	5010805	6,395.000	Ton
1520	HMA, Temp Pavt (5E3)	5010806	3,845.000	Ton
1530	Conc Base Cse, Nonreinf, 6 inch	6020015	785.000	Syd
1540	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	137.000	Syd

1550	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	195.000	Syd
1560	Joint, Expansion, E3	6020208	90.000	Ft
1570	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	790.000	Syd
1580	_ Pedestrian Path, Temp	8007001	1,530.000	Ft
1590	_ Bus Stop, Temp	8007050	12.000	Ea
1600	_ Managed Field Ethernet Switch, Fiber Capable	8007050	20.000	Ea
1610	_ Pedestrian Ramp, Temp	8007050	80.000	Ea
1620	_ Roadside Unit, Install Salv	8007050	19.000	Ea
1630	_ Roadside Unit, Intersection	8007050	1.000	Ea
1640	_ Roadside Unit, Rem and Salv	8007050	20.000	Ea
1650	_ Vibration Monitoring	8007051	1.000	LSUM
1660	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
1670	Driveway, Nonreinf Conc, 8 inch	8010007	10,266.000	Syd
1680	Curb and Gutter, Conc, Det B2	8020016	4,957.000	Ft
1690	Curb and Gutter, Conc, Det D1	8020030	185.000	Ft
1700	Curb and Gutter, Conc, Det D2	8020031	1,079.000	Ft
1710	Curb and Gutter, Conc, Det F5	8020039	9,384.000	Ft
1720	Curb and Gutter, Conc, Det F6	8020040	57,475.000	Ft
1730	Driveway Opening, Conc, Det M	8020050	12,168.000	Ft
1740	Detectable Warning Surface	8030010	1,021.000	Ft
1750	Curb Ramp Opening, Conc	8030030	1,532.000	Ft
1760	Sidewalk Ramp, Conc, 4 inch	8030034	190.000	Sft
1770	Sidewalk Ramp, Conc, 6 inch	8030036	27,390.000	Sft
1780	Sidewalk, Conc, 4 inch	8030044	48,150.000	Sft
1790	Sidewalk, Conc, 6 inch	8030046	5,908.000	Sft
1800	Sidewalk, Conc, 8 inch	8030048	78,928.000	Sft
1810	Sidewalk, Clay Brick Pavers, Rem	8030051	2,039.000	Sft
1820	_ Sidewalk Ramp, Conc, 8 inch	8037010	110.000	Sft
1830	_ Sidewalk. Conc, 4 inch, Decorative	8037010	1,690.000	Sft
1840	Curb Sloped, HMA	8050010	31,690.000	Ft
1850	Guardrail, Type MGS-8	8070004	670.000	Ft
1860	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
1870	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
1880	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
1890	Guardrail Reflector	8070080	28.000	Ea
1900	Post, Mailbox	8070095	33.000	Ea
1910	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
1920	Fence, Protective	8080007	1,260.000	Ft
1930	_ Field Office, CL 2, Relocate	8097043	21.000	Mo
1940	_ Field Office, Utility Fees, Modified	8097060	6,300.000	Dlr
1950	Band, Sign	8100010	26.000	Ea
1960	Cantilever, Rem	8100090	1.000	Ea
1970	Delineator Reflector, Green	8100133	3.000	Ea
1980	Fdn, Cantilever, Rem	8100190	1.000	Ea
1990	Fdn, Wood Support, Rem	8100280	66.000	Ea

2000	Perforated Steel Square Tube Breakaway System	8100330	4.000	Ea
2010	Post, Rigid, Delineator	8100361	3.000	Ea
2020	Post, Steel, 3 lb	8100371	18,250.000	Ft
2030	Post, Wood, 4 inch by 6 inch	8100380	1,174.000	Ft
2040	Post, Wood, 6 inch by 8 inch	8100382	554.000	Ft
2050	Sign, Type I, Rem	8100391	2.000	Ea
2060	Sign, Type IA	8100392	42.000	Sft
2070	Sign, Type II, Erect, Salv	8100396	15.000	Ea
2080	Sign, Type II, Rem	8100397	98.000	Ea
2090	Sign, Type IIA	8100398	1,191.000	Sft
2100	Sign, Type IIB	8100399	22.000	Sft
2110	Sign, Type III, Erect, Salv	8100402	179.000	Ea
2120	Sign, Type III, Rem	8100403	1,138.000	Ea
2130	Sign, Type IIIA	8100404	2,579.000	Sft
2140	Sign, Type IIIB	8100405	3,585.000	Sft
2150	Sign, Type V, Rem	8100421	2.000	Ea
2160	Sign, Type VB	8100425	291.000	Sft
2170	Mast Arm Pole, Cat I	8100510	5.000	Ea
2180	Mast Arm, 30 foot, Cat I	8100522	1.000	Ea
2190	Mast Arm, 45 foot, Cat I	8100525	1.000	Ea
2200	Mast Arm, 50 foot, Cat I	8100526	3.000	Ea
2210	Mast Arm Pole Fdn, 6 Bolt	8100550	71.000	Ft
2220	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
2230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	710.000	Ft
2240	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	220.000	Ft
2250	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	11.000	Ea
2260	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	11.000	Ea
2270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	85.000	Ea
2280	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	7.000	Ea
2290	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	35.000	Ea
2300	Pavt Mrkg, Ovly Cold Plastic, School	8110074	6.000	Ea
2310	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
2320	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
2330	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	9.000	Ea
2340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	5,400.000	Ft
2350	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	790.000	Ft
2360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	3,390.000	Ft
2370	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	37,360.000	Ft
2380	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	780.000	Ft
2390	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	22,740.000	Ft
2400	Pavt Mrkg, Regular Dry, 8 inch, White	8110129	2,100.000	Ft
2410	Rem Spec Mrkg	8110343	3,940.000	Sft

2420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
2430	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch, White	8110420	190.000	Ft
2440	Recessing Pavt Mrkg, Longit	8110450	67,940.000	Ft
2450	Recessing Pavt Mrkg, Transv	8110451	13,772.000	Sft
2460	Recessing Pavt Mrkg, Guide Line	8110453	80.000	Ft
2470	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	50,240.000	Ft
2480	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	19,850.000	Ft
2490	Pavt Mrkg, Wet Retrflec Polyurea, 8 inch, White	8110502	3,380.000	Ft
2500	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	420.000	Ft
2510	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	3,870.000	Ft
2520	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	4,000.000	Ft
2530	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Dotted Turning Guide Line, White	8110560	240.000	Ft
2540	_ Pavt Mrkg, Bike Lane, Green	8117010	170.000	Sft
2550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	300.000	Ea
2560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	300.000	Ea
2570	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
2580	Pedestrian Type II Channelizer, Temp	8120027	560.000	Ft
2590	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	4.000	Ea
2600	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	4.000	Ea
2610	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	3.000	Ea
2620	Conc Barrier, Temp, Furn	8120081	600.000	Ft
2630	Conc Barrier, Temp, Oper	8120082	600.000	Ft
2640	Conc Barrier, Temp, Relocated	8120083	600.000	Ft
2650	Delineator, Flexible, Temp, Furn	8120091	110.000	Ea
2660	Delineator, Flexible, Temp, Oper	8120092	110.000	Ea
2670	High Intensity Light, Type B, Furn	8120110	4.000	Ea
2680	High Intensity Light, Type B, Oper	8120111	4.000	Ea
2690	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
2700	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
2710	Ltg for Night Work	8120160	1.000	LSUM
2720	Minor Traf Devices	8120170	1.000	LSUM
2730	Mobile Attenuator	8120180	3.000	Ea
2740	Part Width Intersection Construction	8120190	10.000	Ea
2750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	29,750.000	Ft
2760	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,200.000	Ft
2770	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	6,460.000	Ft
2780	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	5,120.000	Ft
2790	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	14.000	Ea
2800	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	16.000	Ea
2810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	63,800.000	Ft
2820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	91,950.000	Ft

2830	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	420.000	Ft
2840	Plastic Drum, Fluorescent, Furn	8120252	1,440.000	Ea
2850	Plastic Drum, Fluorescent, Oper	8120253	1,440.000	Ea
2860	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	2,570.000	Ft
2870	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	21.000	Ea
2880	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	33.000	Ea
2890	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	3,090.000	Ft
2900	Sign Cover	8120310	170.000	Ea
2910	Sign Cover, Type 1	8120320	3.000	Ea
2920	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	7.000	Ea
2930	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	7.000	Ea
2940	Sign, Type A, Temp, Prismatic, Furn	8120340	1,170.000	Sft
2950	Sign, Type A, Temp, Prismatic, Oper	8120341	1,170.000	Sft
2960	Sign, Type B, Temp, Prismatic, Furn	8120350	8,850.000	Sft
2970	Sign, Type B, Temp, Prismatic, Oper	8120351	8,850.000	Sft
2980	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6,850.000	Sft
2990	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6,850.000	Sft
3000	Traf Regulator Control	8120370	1.000	LSUM
3010	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	68,930.000	Ft
3020	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	104,800.000	Ft
3030	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	58,490.000	Ft
3040	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	43,260.000	Ft
3050	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	8,200.000	Ft
3060	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	320.000	Ft
3070	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	90.000	Ft
3080	_ Driveway Maintenance	8127050	187.000	Ea
3090	_ Intersection Maintenance	8127050	58.000	Ea
3100	_ Pavt Mrkg, Type NR, Paint, Thru Arrow Symbol	8127050	2.000	Ea
3110	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8127050	2.000	Ea
3120	_ Water Filled Base Sign System,Temp, Furn	8127050	10.000	Ea
3130	_ Water Filled Base Sign System,Temp, Oper	8127050	10.000	Ea
3140	Site Preparation, Max \$129,000.00	8150001	1.000	LSUM
3150	Watering and Cultivating, First Season, Min \$62,600.00	8150002	1.000	LSUM
3160	Watering and Cultivating, Second Season, Min \$77,400.00	8150003	1.000	LSUM
3170	Abies concolor, 5 foot	8150029	38.000	Ea

3180	Acer x freemanii Autumn Blaze, 1 1/2 inch	8150220	31.000	Ea
3190	Ginko biloba Autumn Gold, 2 inch	8151632	17.000	Ea
3200	Liatris spicata Kobold, #1 cont.	8152104	2,842.000	Ea
3210	Picea abies, 5 foot	8152741	41.000	Ea
3220	Pinus nigra, 5 foot	8152842	32.000	Ea
3230	Rhus aromatica Gro-Low, #3 cont.	8153167	228.000	Ea
3240	Sporobolus heterolepis, #1 cont.	8153644	758.000	Ea
3250	Syringa reticulata Ivory Silk, 1 1/2 inch	8153716	99.000	Ea
3260	_ Compost, Amended Soil, Medium Grade	8157021	2,259.000	Cyd
3270	_ Shredded Bark Mulch	8157021	840.000	Cyd
3280	_ Cornus sericea 'Kelsey', #2 cont.	8157050	226.000	Ea
3290	_ Diervilla lonicera 'Copper', #3 cont.	8157050	960.000	Ea
3300	_ Ginkgo biloba 'Princeton Sentry', 2 inch	8157050	39.000	Ea
3310	_ Gymnocladus dioica 'Espresso', 1 1/2 inch	8157050	16.000	Ea
3320	_ Hemerocallis x 'Stella de Oro', #1 cont.	8157050	2,883.000	Ea
3330	_ Platanus x acerifolia 'Yarwood', 1 1/2 inch	8157050	13.000	Ea
3340	_ Salvia nemorosa 'Amethyst', #1 cont.	8157050	2,312.000	Ea
3350	_ Salvia x sylvestris 'May Night', #1 cont.	8157050	1,727.000	Ea
3360	_ Ulmus x 'Patriot', 2 inch	8157050	43.000	Ea
3370	Mulch Blanket	8160027	16,917.000	Syd
3380	_ Turf Establishment, Performance	8167011	135,724.000	Syd
3390	Cable Pole, Sec, Dismant	8190006	1.000	Ea
3400	Cable Pole, TS, Dismant	8190010	3.000	Ea
3410	Cable, Sec, Rem	8190017	980.000	Ft
3420	Conduit, DB, 1, 1 1/2 inch	8190027	2,838.000	Ft
3430	Conduit, DB, 1, 3 inch	8190029	2,757.000	Ft
3440	Conduit, DB, 2, 3 inch	8190032	18,840.000	Ft
3450	Conduit, DB, 3, 3 inch	8190035	1,140.000	Ft
3460	Conduit, DB, 4, 3 inch	8190038	207.000	Ft
3470	Conduit, Rem	8190140	8,236.000	Ft
3480	DB Cable, in Conduit, 600V, 1/C#6	8190211	1,597.000	Ft
3490	Cable, Equipment Grounding Wire, 1/C#6	8190236	849.000	Ft
3500	Hh, Heavy Duty Cover	8190246	3.000	Ea
3510	Hh, Polymer Conc	8190250	40.000	Ea
3520	Hh, Rem	8190254	65.000	Ea
3530	Hh, Round, 3 foot dia	8190259	47.000	Ea
3540	Hh, Round	8190260	144.000	Ea
3550	Light Std Arm, Install Salv	8190276	3.000	Ea
3560	Light Std Arm, Rem and Salv	8190278	3.000	Ea
3570	Light Std Fdn	8190279	2.000	Ea
3580	Light Std, Frangible Transformer Base	8190281	2.000	Ea
3590	Light Std Shaft, Install Salv	8190301	3.000	Ea
3600	Light Std Shaft, Rem and Salv	8190306	3.000	Ea
3610	Luminaire, Install Salv	8190350	3.000	Ea
3620	Luminaire, Rem and Salv	8190365	3.000	Ea

3630	Cable, Sec, 600V, 1, 3/C#2	8190393	1,765.000	Ft
3640	Cable, Sec, 600V, 1, 3/C#4	8190395	3,440.000	Ft
3650	Cable, Sec, 600V, 1, 3/C#6	8190399	4,380.000	Ft
3660	Wood Pole, Cl 4, 35 foot	8190472	12.000	Ea
3670	Wood Pole, Cl 4, 45 foot	8190474	1.000	Ea
3680	Wood Pole, Fit Up, Sec Serv Pole	8190496	4.000	Ea
3690	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	1.000	Ea
3700	Wood Pole, Fit Up, TS Cable Pole	8190501	1.000	Ea
3710	Wood Pole, Rem	8190505	26.000	Ea
3720	Conduit, Directional Bore, 1, 3 inch	8190602	637.000	Ft
3730	Conduit, Directional Bore, 2, 3 inch	8190604	354.000	Ft
3740	Conduit, Directional Bore, 3, 3 inch	8190606	1,295.000	Ft
3750	_ Conduit, DB, 1, 1 inch	8197001	400.000	Ft
3760	_ Light Std, Frangible Transformer Base, Install Salv	8197050	1.000	Ea
3770	_ Light Std, Frangible Transformer Base, Rem and Salv	8197050	1.000	Ea
3780	Case Sign Panel	8200003	1.000	Ea
3790	Case Sign Panel, Rem	8200004	1.000	Ea
3800	Case Sign, Rem	8200020	63.000	Ea
3810	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	56.000	Ea
3820	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	15.000	Ea
3830	Controller and Cabinet, Rem	8200030	25.000	Ea
3840	Controller and Cabinet, Digital Type	8200031	2.000	Ea
3850	Case Sign, Salv	8200039	32.000	Ea
3860	Controller Fdn, Base Mount	8200045	20.000	Ea
3870	Controller Fdn, Rem	8200046	5.000	Ea
3880	Fdn, Rem	8200065	38.000	Ea
3890	Flsh Beacon, Controller and Cabinet, Solid State, Salv	8200069	1.000	Ea
3900	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
3910	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	20.000	Ea
3920	Pedestal, Alum	8200100	47.000	Ea
3930	Pedestal, Alum, Salv	8200101	3.000	Ea
3940	Pedestal, Fdn	8200105	61.000	Ea
3950	Pedestal Fdn, Rem	8200106	21.000	Ea
3960	Pedestal, Rem	8200110	22.000	Ea
3970	Pedestal, Underground Serv, Unmetered	8200112	7.000	Ea
3980	Power Co. (Est. Cost to Contractor)	8200116	25,276.000	Dlr
3990	Pushbutton and Sign	8200121	47.000	Ea
4000	Pushbutton Pedestal, Alum	8200123	3.000	Ea
4010	Serv Disconnect	8200135	24.000	Ea
4020	Serv Disconnect, Rem	8200136	23.000	Ea
4030	Span Wire	8200140	95.000	Ea
4040	Span Wire, Rem	8200141	68.000	Ea
4050	Steel Pole, Rem	8200145	38.000	Ea
4060	Steel Pole, Rem (Embedded)	8200146	1.000	Ea

4070	TS, Bracket Arm Mtd, Rem	8200175	12.000	Ea
4080	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
4090	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	43.000	Ea
4100	TS, Pedestrian, Pedestal Mtd, Rem	8200181	21.000	Ea
4110	TS, Span Wire Mtd, Rem	8200182	188.000	Ea
4120	Cabinet, NEMA Type	8200186	11.000	Ea
4130	TS, One Way Span Wire Mtd, Salv	8200191	90.000	Ea
4140	TS, Two Way Span Wire Mtd, Salv	8200201	13.000	Ea
4150	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	3.000	Ea
4160	TS, Wireless Link, 2.4 Gigahertz, Remote	8200271	1.000	Ea
4170	TS, Wireless Link, Rem	8200280	23.000	Ea
4180	TS, Wireless Link, Salv	8200281	23.000	Ea
4190	TS, One Way Span Wire Mtd (LED)	8200313	173.000	Ea
4200	TS, Two Way Span Wire Mtd (LED)	8200322	16.000	Ea
4210	TS, One Way Bracket Arm Mtd (LED)	8200333	16.000	Ea
4220	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	20.000	Ea
4230	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	23.000	Ea
4240	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	41.000	Ea
4250	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
4260	TS, One Way Mast Arm Mtd (LED)	8200359	14.000	Ea
4270	TS, Antenna, Rem	8200368	2.000	Ea
4280	TS, Antenna, Salv	8200369	2.000	Ea
4290	Sign Optical, Rem	8200372	4.000	Ea
4300	Sign Optical, (LED)	8200373	2.000	Ea
4310	Bracket, Truss, With 6 Foot Arm	8200374	7.000	Ea
4320	Bracket, Truss, With 18 Foot Arm	8200378	19.000	Ea
4330	Bracket, Truss, Rem	8200388	23.000	Ea
4340	TS Head, Adj	8200452	180.000	Ea
4350	Junction Box, Rem	8200457	15.000	Ea
4360	TS Face, Bag	8200458	127.000	Ea
4370	TS Face, Bag, Rem	8200459	77.000	Ea
4380	Strain Pole, Steel, 6 bolt, 30 foot	8200460	32.000	Ea
4390	Strain Pole, Steel, 6 bolt, 40 foot	8200462	11.000	Ea
4400	Strain Pole Fdn, 6 Bolt	8200470	1,089.000	Ft
4410	Casing	8200480	841.000	Ft
4420	Cellular Modem, TS, 4G	8200498	20.000	Ea
4430	_ Cabinet, NEMA Type, Michigan Department of Transportation Furn	8207050	9.000	Ea
4440	_ CCTV Camera, Install Salv	8207050	8.000	Ea
4450	_ CCTV Camera, Rem and Salv	8207050	8.000	Ea
4460	_ Controller, ATC 2070	8207050	11.000	Ea
4470	_ Controller, Michigan Department of Transportation Furn	8207050	9.000	Ea

4480	_ Strain Pole, Steel, 6 bolt, 30 foot, Michigan Department of Transportation Furn	8207050	23.000	Ea
4490	_ Strain Pole, Steel, 6 bolt, 40 foot, Michigan Department of Transportation Furn	8207050	10.000	Ea
4500	Monument Box	8210001	5.000	Ea
4510	Monument Box Adjust	8210005	3.000	Ea
4520	Monument Preservation	8210010	14.000	Ea
4530	Protect Corners	8210020	68.000	Ea
4540	Fire Hydrant	8230040	34.000	Ea
4550	Gate Valve and Box, 6 inch	8230051	29.000	Ea
4560	Gate Valve, 8 inch	8230062	22.000	Ea
4570	Gate Valve, 12 inch	8230064	22.000	Ea
4580	Gate Well, Abandon	8230075	37.000	Ea
4590	Hydrant, Rem	8230091	19.000	Ea
4600	Hydrant, Relocate, Case 1	8230095	8.000	Ea
4610	Hydrant, Relocate, Case 2	8230096	7.000	Ea
4620	Water Main, 6 inch, Cut and Plug	8230131	17.000	Ea
4630	Water Main, 8 inch, Cut and Plug	8230132	33.000	Ea
4640	Water Main, 12 inch, Cut and Plug	8230134	15.000	Ea
4650	Water Main, DI, 6 inch, Tr Det G	8230151	220.000	Ft
4660	Water Main, DI, 8 inch, Tr Det G	8230156	3,517.000	Ft
4670	Water Main, DI, 12 inch, Tr Det G	8230166	6,638.000	Ft
4680	Water Serv	8230240	5.000	Ea
4690	Water Serv, Conflict	8230250	30.000	Ea
4700	Live Tap, 8 inch by 12 inch	8230264	1.000	Ea
4710	Gate Well, 60 inch dia	8230360	44.000	Ea
4720	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
4730	Water Shutoff, Adj, Case 2	8230422	30.000	Ea
4740	Gate Box, Adj, Case 1	8230431	9.000	Ea
4750	Gate Box, Adj, Case 2	8230432	14.000	Ea
4760	_ Water Main, Rem	8237001	583.000	Ft
4770	_ Gate Box, Rem	8237050	22.000	Ea
4780	_ Hydrant, Adj	8237050	27.000	Ea
4790	_ Water Main Conflict, 12 inch	8237050	10.000	Ea
4800	_ Water Main Conflict, 24 inch	8237050	10.000	Ea
4810	_ Water Main Conflict, 6 inch	8237050	4.000	Ea
4820	_ Water Main Conflict, 8 inch	8237050	10.000	Ea
4830	Contractor Staking, Road Only	8240007	1.000	LSUM
4840	Staking Plan Errors and Extras, One Person	8240020	438.000	Hr
4850	Staking Plan Errors and Extras, Two Person	8240021	175.000	Hr
4860	Staking Plan Errors and Extras, Three Person	8240022	263.000	Hr
4870	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
4880	Lightning Protection, Pole	8260021	20.000	Ea
4890	Fiber Optic, Marker, Above Ground	8260069	43.000	Ea
4900	Flowable Fill, Non-Structural	8260148	325.000	Cyd



12/4/2020 9:13 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 015**Letting Date:** January 8, 2021**Contract ID:** 27021-109499

Description: 2.72 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalks and ramps, culverts, sanitary sewer, drainage, watermain, signing and pavement markings on US-2 from Powdermill Creek easterly to Anvil Road east of the city of Bessemer, Gogebic County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
109499A	21A0138	N/A	ST 27021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$988,600.00	1500001	1.000	LSUM
0030	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	8.000	Ea
0050	Dr Structure, Rem	2030011	68.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	5,938.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	105.000	Ft
0080	Curb and Gutter, Rem	2040020	2,708.000	Ft
0090	Curb, Rem	2040021	40.000	Ft
0100	Fence, Rem	2040025	36.000	Ft
0110	Guardrail, Rem	2040035	1,432.000	Ft
0120	Pavt, Rem	2040050	52,911.000	Syd
0130	Sidewalk, Rem	2040055	4,267.000	Syd
0140	Exploratory Investigation, Vertical	2040080	110.000	Ft
0150	Embankment, CIP	2050010	285.000	Cyd
0160	Excavation, Earth	2050016	49,303.000	Cyd
0170	Excavation, Rock	2050018	680.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	700.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0200	_ Flowable Fill, Non-Structural	2057021	20.000	Cyd
0210	Aggregate, 6A	2060001	1.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	413.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	86.000	Ea
0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	29.000	Ea
0260	Erosion Control, Maintenance, Sediment Removal	2080026	20.000	Cyd

0270	Erosion Control, Sediment Trap	2080034	27.000	Ea
0280	Erosion Control, Silt Fence	2080036	930.000	Ft
0290	Subbase, CIP	3010002	54,338.000	Cyd
0300	Aggregate Base	3020001	50.000	Ton
0310	Aggregate Base, 4 inch	3020010	60.000	Syd
0320	Aggregate Base, 6 inch	3020016	58,607.000	Syd
0330	Aggregate Base, 12 inch	3020030	865.000	Syd
0340	_ Aggregate Base, 9.5 inch, Modified	3027011	5,131.000	Syd
0350	_ Driveway Maintenance	3067050	67.000	Ea
0360	_ Intersection Maintenance	3067050	23.000	Ea
0370	Approach, CI I	3070001	1,912.000	Ton
0380	Approach, CI II	3070021	202.000	Ton
0390	Shoulder, CI II	3070121	356.000	Ton
0400	Culv End Sect, 12 inch	4010012	1.000	Ea
0410	Culv End Sect, 15 inch	4010015	2.000	Ea
0420	Culv End Sect, 18 inch	4010018	8.000	Ea
0430	Culv End Sect, 24 inch	4010024	20.000	Ea
0440	Culv End Sect, 36 inch	4010036	1.000	Ea
0450	Culv, CI A, 18 inch	4010133	57.000	Ft
0460	Culv, CI A, 24 inch	4010134	132.000	Ft
0470	Culv, CI A, 36 inch	4010136	111.000	Ft
0480	Culv, CI F, 12 inch	4010607	48.000	Ft
0490	Culv, CI F, 18 inch	4010609	186.000	Ft
0500	Culv, CI F, 24 inch	4010610	237.000	Ft
0510	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	3.000	Ea
0520	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	4.000	Ea
0530	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0540	Dr Marker Post	4011109	34.000	Ea
0550	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	40.000	Ft
0560	_ Culv Cleanout	4017001	102.000	Ft
0570	Sewer, CI A, 12 inch, Tr Det A	4020004	57.000	Ft
0580	Sewer, CI A, 12 inch, Tr Det B	4020033	4,494.000	Ft
0590	Sewer, CI A, 15 inch, Tr Det B	4020034	1,111.000	Ft
0600	Sewer, CI A, 18 inch, Tr Det B	4020035	796.000	Ft
0610	Sewer, CI A, 24 inch, Tr Det B	4020036	50.000	Ft
0620	Sewer, CI B, 24 inch, Tr Det B	4020186	589.000	Ft
0630	Sewer, CI E, 12 inch, Tr Det B	4020600	201.000	Ft
0640	Sewer, CI E, 15 inch, Tr Det B	4020601	105.000	Ft
0650	Sewer, CI E, 24 inch, Tr Det B	4020603	173.000	Ft
0660	Sewer Bulkhead, 18 inch	4021232	8.000	Ea
0670	Trench Undercut and Backfill	4021260	255.000	Cyd
0680	Video Taping Sewer and Culv Pipe	4021275	3,025.000	Ft
0690	Dr Structure Cover, Adj, Case 1	4030005	59.000	Ea
0700	Dr Structure Cover, Type B	4030010	34.000	Ea
0710	Dr Structure Cover, Type D	4030025	11.000	Ea

0720	Dr Structure Cover, Type J	4030045	6.000	Ea
0730	Dr Structure Cover, Type K	4030050	70.000	Ea
0740	Dr Structure Cover, Type R	4030070	2.000	Ea
0750	Dr Structure, 24 inch dia	4030200	54.000	Ea
0760	Dr Structure, 48 inch dia	4030210	52.000	Ea
0770	Dr Structure, 60 inch dia	4030220	1.000	Ea
0780	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	52.000	Ft
0790	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	109.000	Ft
0800	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	6.000	Ft
0810	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	4.000	Ft
0820	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0830	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0840	Dr Structure, Tap, 15 inch	4030315	3.000	Ea
0850	Underdrain, Bank, Open-Graded, 6 inch	4040013	100.000	Ft
0860	Underdrain, Subbase, 6 inch	4040063	22,152.000	Ft
0870	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0880	Underdrain Outlet, 6 inch	4040093	426.000	Ft
0890	Underdrain, Outlet Ending, 6 inch	4040113	26.000	Ea
0900	Cold Milling HMA Surface	5010002	38,826.000	Syd
0910	Bump Grinding	5010004	100.000	Syd
0920	HMA Surface, Rem	5010005	74,461.000	Syd
0930	HMA Quality Initiative	5010007	53,048.000	Dlr
0940	Longitudinal Joint Density Quality Initiative	5010018	147,637.000	Dlr
0950	Hand Patching	5010025	9.000	Ton
0960	HMA, 3E3	5010045	8,959.000	Ton
0970	HMA, 4E03	5010049	1,169.000	Ton
0980	HMA, 4E3	5010051	5,218.000	Ton
0990	HMA, 5E03	5010055	866.000	Ton
1000	HMA, 5E3	5010057	7,087.000	Ton
1010	HMA Approach	5010061	2,431.000	Ton
1020	HMA, Temp Pavt (4E3)	5010805	785.000	Ton
1030	_ Ride Incentive	5017060	1,000.000	Dlr
1040	_ HMA, Ultra-Thin, Low Volume	5047011	4,950.000	Syd
1050	_ Micro Cold Milling, HMA, 0 to 2 inches	5047011	4,950.000	Syd
1060	Conc Pavt, Nonreinf, 8 inch	6020104	429.000	Syd
1070	_ Bypass Pumping	7047050	1.000	Ea
1080	_ Construction Dam	7047050	1.000	Ea
1090	Conc, Grade S2	7060011	3.000	Cyd
1100	_ Sanitary Force Main, PVC, Std Dimension Ratio 18, 4 inch, Tr Det B	8007001	80.000	Ft
1110	_ Sanitary Sewer Lateral, PVC, Std Dimension Ratio 26, 6 inch	8007001	660.000	Ft
1120	_ Sanitary Sewer, CI E, Reinf Conc Pipe, 18 inch, Tr Det B	8007001	580.000	Ft

1130	_ Sanitary Sewer, CI E, Reinf Conc Pipe, 21 inch, Tr Det B	8007001	25.000	Ft
1140	_ Sanitary Sewer, PVC, Std Dimension Ratio 26, 10 inch, Tr Det B	8007001	170.000	Ft
1150	_ Sanitary Sewer, PVC, Std Dimension Ratio 26, 15 inch, Tr Det B	8007001	100.000	Ft
1160	_ Sanitary Sewer, PVC, Std Dimension Ratio 26, 8 inch, Tr Det B	8007001	1,790.000	Ft
1170	_ Sanitary Sewer, Rem, Less than 24 inch	8007001	2,815.000	Ft
1180	_ Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8007001	33.000	Ft
1190	_ Connect to Existing Sanitary Sewer Main	8007050	15.000	Ea
1200	_ Connect to Existing Sanitary Sewer Main, Temp	8007050	6.000	Ea
1210	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
1220	_ Roadside Unit, Intersection	8007050	1.000	Ea
1230	_ Sanitary Sewer Wye, 8 inch by 6 inch	8007050	17.000	Ea
1240	_ Sanitary Sewer, Tap, 6 inch	8007050	5.000	Ea
1250	_ Sanitary Structure Cover, Adj, Case 1	8007050	16.000	Ea
1260	_ Sanitary Structure Cover, Adj, Case 1, Temp	8007050	16.000	Ea
1270	_ Sanitary Structure Cover, Type Q	8007050	18.000	Ea
1280	_ Sanitary Structure, 48 inch dia	8007050	18.000	Ea
1290	_ Sanitary Structure, Rem	8007050	16.000	Ea
1300	Driveway, Nonreinf Conc, 6 inch	8010005	930.000	Syd
1310	Curb, Conc, Det E2	8020002	31.000	Ft
1320	Curb and Gutter, Conc, Det B2	8020016	1,380.000	Ft
1330	Curb and Gutter, Conc, Det F3	8020037	38.000	Ft
1340	Curb and Gutter, Conc, Det F4	8020038	12,864.000	Ft
1350	Driveway Opening, Conc, Det M	8020050	64.000	Ft
1360	Spillway, Conc	8020075	30.000	Ft
1370	_ Shoulder Gutter, Conc, Det B2, Modified	8027050	2.000	Ea
1380	Detectable Warning Surface	8030010	411.000	Ft
1390	Curb Ramp Opening, Conc	8030030	433.000	Ft
1400	Sidewalk Ramp, Conc, 4 inch	8030034	5,080.000	Sft
1410	Sidewalk, Conc, 4 inch	8030044	28,977.000	Sft
1420	Sidewalk, Conc, 6 inch	8030046	2,176.000	Sft
1430	Curb Sloped, HMA	8050010	3,086.000	Ft
1440	Guardrail, Type MGS-8	8070004	1,151.000	Ft
1450	Guardrail, Curved, Type B	8070010	50.000	Ft
1460	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
1470	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
1480	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
1490	Guardrail Reflector	8070080	61.000	Ea
1500	Guardrail, Reconst, Type B	8070105	6.000	Ft
1510	_ Fence, Ornamental Aluminum, 48 inch	8087001	36.000	Ft
1520	Field Office, CI 1	8090001	12.000	Mo
1530	Field Office, Utility Fees	8090010	5,000.000	Dlr
1540	Band, Sign	8100010	9.000	Ea

1550	Delineator Reflector, Green	8100133	16.000	Ea
1560	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	116.000	Ea
1570	Fdn, Wood Support, Rem	8100280	61.000	Ea
1580	Post, Flexible, Delineator	8100360	116.000	Ea
1590	Post, Rigid, Delineator	8100361	8.000	Ea
1600	Post, Steel, 3 lb	8100371	2,212.000	Ft
1610	Post, Wood, 4 inch by 6 inch	8100380	120.000	Ft
1620	Sign, Type II, Rem	8100397	7.000	Ea
1630	Sign, Type IIA	8100398	33.000	Sft
1640	Sign, Type III, Erect, Salv	8100402	50.000	Ea
1650	Sign, Type III, Rem	8100403	109.000	Ea
1660	Sign, Type IIIA	8100404	281.000	Sft
1670	Sign, Type IIIB	8100405	171.000	Sft
1680	Sign, Type VA	8100424	24.000	Sft
1690	Reflective Panel for Permanent Sign Support, 6 foot	8100616	54.000	Ea
1700	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	605.000	Ft
1710	Pavt Mrkg, Polyurea, Merge Arrow Symbol	8110107	3.000	Ea
1720	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	96.000	Ft
1730	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	95.000	Ft
1740	Pavt Mrkg, Waterborne, 4 inch, White	8110231	4,089.000	Ft
1750	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,378.000	Ft
1760	Pavt Mrkg, Waterborne, 6 inch, White	8110233	20,368.000	Ft
1770	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	42,068.000	Ft
1780	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	20,368.000	Ft
1790	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1800	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
1810	Pavt Mrkg, Polyurea, Merge	8110407	1.000	Ea
1820	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
1830	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
1840	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	350.000	Ft
1850	Recessing Pavt Mrkg, Longit	8110450	66,525.000	Ft
1860	Pavt Mrkg, Modified Urethane, 6 inch, Crosswalk	8110530	300.000	Ft
1870	Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching Yellow	8110536	300.000	Ft
1880	_ Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8117001	4,089.000	Ft
1890	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
1900	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
1910	Pedestrian Type II Barricade, Temp	8120026	100.000	Ea
1920	Pedestrian Type II Channelizer, Temp	8120027	500.000	Ft
1930	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1940	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1950	Minor Traf Devices	8120170	1.000	LSUM

1960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	24,500.000	Ft
1970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	15,000.000	Ft
1980	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	16,200.000	Ft
1990	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	20,530.000	Ft
2000	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
2010	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea
2020	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	74.000	Ft
2030	PTS System, Temp, Furn	8120270	2.000	Ea
2040	PTS System, Temp, Oper	8120271	2.000	Ea
2050	Sign Cover	8120310	50.000	Ea
2060	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
2070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
2080	Sign, Type A, Temp, Prismatic, Furn	8120340	431.000	Sft
2090	Sign, Type A, Temp, Prismatic, Oper	8120341	431.000	Sft
2100	Sign, Type B, Temp, Prismatic, Furn	8120350	2,665.000	Sft
2110	Sign, Type B, Temp, Prismatic, Oper	8120351	2,665.000	Sft
2120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	140.000	Sft
2130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	140.000	Sft
2140	Traf Regulator Control	8120370	1.000	LSUM
2150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	24,380.000	Ft
2160	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	21,710.000	Ft
2170	Riprap, Plain	8130010	71.000	Syd
2180	Fertilizer, Chemical Nutrient, CI A	8160020	117.000	Lb
2190	Sodding	8160055	2,396.000	Syd
2200	Topsoil Surface, Furn, 3 inch	8160061	90.000	Syd
2210	Topsoil Surface, Furn, 4 inch	8160062	2,396.000	Syd
2220	Water, Sodding/Seeding	8160090	133.000	Unit
2230	Slope Restoration, Type A	8160100	195.000	Syd
2240	Slope Restoration, Type B	8160101	29,524.000	Syd
2250	Slope Restoration, Type C	8160102	1,818.000	Syd
2260	Slope Restoration, Type D	8160103	1,667.000	Syd
2270	Conduit, DB, 1, 1 1/2 inch	8190027	150.000	Ft
2280	Conduit, DB, 3, 3 inch	8190035	50.000	Ft
2290	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
2300	Hh, Polymer Conc	8190250	2.000	Ea
2310	Hh, Rem	8190254	2.000	Ea
2320	Hh, Round, 3 foot dia	8190259	1.000	Ea
2330	Hh, Round	8190260	1.000	Ea
2340	Cable, Sec, 600V, 1, 3/C#6	8190399	30.000	Ft
2350	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft

2360	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
2370	Controller and Cabinet, Rem	8200030	2.000	Ea
2380	Controller Fdn, Base Mount	8200045	1.000	Ea
2390	Fdn, Rem	8200065	4.000	Ea
2400	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2410	Metered Serv	8200090	1.000	Ea
2420	Metered Serv, Rem	8200095	2.000	Ea
2430	Pedestal, Alum	8200100	3.000	Ea
2440	Pedestal, Fdn	8200105	3.000	Ea
2450	Pedestal Fdn, Rem	8200106	1.000	Ea
2460	Pedestal, Rem	8200110	1.000	Ea
2470	Pushbutton and Sign	8200121	8.000	Ea
2480	Pushbutton, Rem	8200122	4.000	Ea
2490	Serv Disconnect	8200135	1.000	Ea
2500	Serv Disconnect, Rem	8200136	2.000	Ea
2510	Span Wire	8200140	4.000	Ea
2520	Span Wire, Rem	8200141	5.000	Ea
2530	Span Wire Tether	8200142	2.000	Ea
2540	Steel Pole, Rem	8200145	4.000	Ea
2550	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
2560	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2570	TS, Span Wire Mtd, Rem	8200182	10.000	Ea
2580	Cabinet, NEMA Type	8200186	1.000	Ea
2590	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
2600	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
2610	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
2620	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2630	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
2640	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2650	Wireless Vehicle Sensor Node, Rem	8200426	12.000	Ea
2660	Hemispherical Video Detection Camera	8200444	1.000	Ea
2670	Hemispherical Video Detection System	8200445	1.000	Ea
2680	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
2690	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
2700	Strain Pole Fdn, 6 Bolt	8200470	24.000	Ft
2710	Casing	8200480	17.000	Ft
2720	Cellular Modem, TS, 4G	8200498	1.000	Ea
2730	Backplate, TS	8200501	4.000	Ea
2740	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
2750	Monument Box	8210001	3.000	Ea
2760	Monument Box Adjust	8210005	11.000	Ea
2770	Monument Preservation	8210010	3.000	Ea

2780	Protect Corners	8210020	11.000	Ea
2790	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	8,332.000	Ft
2800	Fire Hydrant	8230040	11.000	Ea
2810	Gate Valve and Box, 6 inch	8230051	13.000	Ea
2820	Gate Valve and Box, 8 inch	8230052	37.000	Ea
2830	Gate Valve and Box, 12 inch	8230054	2.000	Ea
2840	Hydrant, Rem	8230091	12.000	Ea
2850	Water Main, 6 inch, Cut and Plug	8230131	6.000	Ea
2860	Water Main, DI, 6 inch, Tr Det F	8230150	435.000	Ft
2870	Water Main, DI, 6 inch, Tr Det G	8230151	615.000	Ft
2880	Water Main, DI, 8 inch, Tr Det F	8230155	535.000	Ft
2890	Water Main, DI, 8 inch, Tr Det G	8230156	4,275.000	Ft
2900	Water Main, DI, 12 inch, Tr Det G	8230166	110.000	Ft
2910	Water Main, DI, 16 inch, Tr Det G	8230171	80.000	Ft
2920	Water Serv	8230240	25.000	Ea
2930	Water Serv, Long	8230245	31.000	Ea
2940	Live Tap, 8 inch by 16 inch	8230265	1.000	Ea
2950	Gate Box, Adj, Temp, Case 1	8230391	43.000	Ea
2960	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
2970	Gate Box, Adj, Case 1	8230431	46.000	Ea
2980	Gate Box, Adj, Case 2	8230432	9.000	Ea
2990	Polyethylene Encasement	8230440	6,080.000	Ft
3000	_ Water Main, DI, 8 inch	8237001	40.000	Ft
3010	_ Connect to Existing Water Main	8237050	33.000	Ea
3020	_ Connect to Existing Water Main, Temp	8237050	18.000	Ea
3030	_ Water Serv Connection, Temp	8237050	31.000	Ea
3040	Contractor Staking, Road Only	8240007	1.000	LSUM
3050	Staking Plan Errors and Extras, One Person	8240020	82.000	Hr
3060	Staking Plan Errors and Extras, Two Person	8240021	35.000	Hr
3070	Staking Plan Errors and Extras, Three Person	8240022	48.000	Hr
3080	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
3090	Lightning Protection, Pole	8260021	1.000	Ea
3100	Flowable Fill, Non-Structural	8260148	16.000	Cyd



12/4/2020 9:13 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 016**Letting Date:** January 8, 2021**Contract ID:** 09035-128585

Description: 4.87 mi of mainline roadway rehabilitation, earthwork, drainage, guardrail and pavement markings, bridge rehabilitations including deck replacement, beam painting and repair, drilled shaft and riprap on I-75, Bay County. This project includes a 3 year and four 5 year materials and workmanship pavement warranties, a 2 year bridge coating warranty and a 2 year concrete surface coating warranty. Alternate 1 is HMA alternative and Alternate 2 is concrete alternative.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128585A	21A0134	N/A	IM 09035
201645A	21A0135	N/A	HIP1 09035
204969A	21A0136	N/A	IM 09035
204971A	21A0137	N/A	IM 09035

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Progress Meeting	1040050	28,000.000	Dlr
0030	Critical Path Method Schedule	1080005	15,000.000	Dlr
0040	Mobilization, Max \$2,989,000.00	1500001	1.000	LSUM
0050	Clearing	2010001	0.730	Acre
0060	Clearing, Fence	2010002	343.000	Sta
0070	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0080	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0090	Culv, Rem, Less than 24 inch	2030001	29.000	Ea
0100	Culv, Rem, 24 inch to 48 inch	2030002	5.000	Ea
0110	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0120	Culv, End, Rem, 24 inch to 48 inch	2030006	8.000	Ea
0130	Dr Structure, Rem	2030011	2.000	Ea
0140	Sewer, Rem, Less than 24 inch	2030015	620.000	Ft
0150	Curb and Gutter, Rem	2040020	1,177.000	Ft
0160	Fence, Rem	2040025	48,184.000	Ft
0170	Guardrail, Rem	2040035	4,619.000	Ft
0180	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0190	Pavt, Rem	2040050	20,345.000	Syd
0200	Ditch Cleanout	2050006	571.000	Sta
0210	Embankment, CIP	2050010	7,639.000	Cyd
0220	Excavation, Earth	2050016	50,647.000	Cyd
0230	Non Haz Contaminated Material Handling and	2050031	100.000	Cyd

	Disposal, LM			
0240	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0250	Erosion Control, Check Dam, Stone	2080012	6,728.000	Ft
0260	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0270	Erosion Control, Maintenance, Sediment Removal	2080026	1,030.000	Cyd
0280	Erosion Control, Sand Bag	2080028	125.000	Ea
0290	Erosion Control, Sediment Basin	2080032	135.000	Cyd
0300	Erosion Control, Sediment Trap	2080034	300.000	Ea
0310	Erosion Control, Silt Fence	2080036	7,757.000	Ft
0320	Erosion Control, Turbidity Curtain, Shallow	2080044	60.000	Ft
0330	Project Cleanup	2090001	1.000	LSUM
0340	Subbase, CIP	3010002	31,974.000	Cyd
0350	Aggregate Base	3020001	4,971.000	Ton
0360	Aggregate Base, 6 inch	3020016	84,134.000	Syd
0370	Open-Graded Dr Cse, CIP	3030030	571.000	Cyd
0380	HMA Base Crushing and Shaping	3050002	11,819.000	Syd
0390	Material, Surplus and Unsuitable, Rem, LM	3050010	50.000	Cyd
0400	Salv Crushed Material, LM	3050015	185.000	Cyd
0410	Shoulder, CI II	3070121	27.000	Ton
0420	Shoulder, CI II, 6 inch	3070128	25,476.000	Syd
0430	Shoulder, CI II, 5 inch, Temp	3070182	18,825.000	Syd
0440	Trenching	3070200	5.000	Sta
0450	Geotextile, Separator	3080005	2,143.000	Syd
0460	Culv End Sect, 12 inch	4010012	4.000	Ea
0470	Culv End Sect, 24 inch	4010024	25.000	Ea
0480	Culv End Sect, Conc, 15 inch	4010048	3.000	Ea
0490	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0500	Culv End Sect, Conc, 36 inch	4010053	3.000	Ea
0510	Culv End Sect, Conc, 42 inch	4010054	8.000	Ea
0520	Culv, CI A, 24 inch	4010134	2,049.000	Ft
0530	Culv, CI A, Conc, 36 inch	4010170	232.000	Ft
0540	Culv, CI A, Conc, 42 inch	4010171	35.000	Ft
0550	Culv, Downspout, 12 inch	4010795	1,171.000	Ft
0560	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	4.000	Ea
0570	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0580	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	9.000	Ea
0590	Dr Marker Post	4011109	261.000	Ea
0600	Steel Casing Pipe, 30 inch, Jacked in Place	4011147	168.000	Ft
0610	_ Culv Cleanout	4017001	150.000	Ft
0620	Sewer, CI IV, 15 inch, Tr Det A	4020961	47.000	Ft
0630	Sewer Tap, 15 inch	4021205	3.000	Ea
0640	Sewer Bulkhead, 15 inch	4021231	3.000	Ea
0650	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0660	Video Taping Sewer and Culv Pipe	4021275	2,396.000	Ft
0670	Underdrain, Fdn, 6 inch	4040033	395.000	Ft

0680	Underdrain, Subbase, 6 inch	4040063	107,607.000	Ft
0690	Underdrain, Subgrade, 6 inch	4040073	2,000.000	Ft
0700	Underdrain Outlet, 6 inch	4040093	3,810.000	Ft
0710	Underdrain, Outlet Ending, 6 inch	4040113	381.000	Ea
0720	Pavt, Cleaning	5010001	1.000	LSUM
0730	Cold Milling HMA Surface	5010002	1,819.000	Syd
0740	HMA Surface, Rem	5010005	172,773.000	Syd
0750	HMA Patch, Rem	5010006	1,400.000	Syd
0760	HMA Quality Initiative	5010007	8,286.000	Dlr
0770	Hand Patching	5010025	45.000	Ton
0780	HMA, 3E03	5010043	111.000	Ton
0790	HMA, 4E03	5010049	74.000	Ton
0800	HMA, 5E03	5010055	95.000	Ton
0810	HMA, 5E10	5010058	116.000	Ton
0820	HMA Approach	5010061	562.000	Ton
0830	HMA, LVSP	5010703	3,140.000	Ton
0840	HMA, Temp Pavt (3E3)	5010804	8,140.000	Ton
0850	HMA, Temp Pavt (4E3)	5010805	9,216.000	Ton
0860	HMA, Temp Pavt (5E3)	5010806	7,989.000	Ton
0870	_ Ride Incentive	5017060	67,850.000	Dlr
0880	Joint, Expansion, E3	6020208	373.000	Ft
0890	Conc Quality Initiative	6020401	833.000	Dlr
0900	Conc Pavt, Ovly, Furnishing and Placing, High Performance	6020525	234.000	Cyd
0910	Conc Pavt, Ovly, Finishing and Curing, High Performance	6020527	987.000	Syd
0920	Pavt Repr, Rem	6030080	877.000	Syd
0930	_ High Performance Biaxial Geogrid	7007011	5,000.000	Syd
0940	_ Bypass Pumping	7047050	1.000	Ea
0950	_ Construction Dam	7047050	1.000	Ea
0960	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,029.000	Syd
0970	Conc, Grade S2	7060011	26.000	Cyd
0980	Reinforcement, Steel, Culv and Headwall	7060091	1,040.000	Lb
0990	Reflective Marker, Permanent Barrier	7110003	8.000	Ea
1000	Shoulder Gutter, Conc, Det 3	8020057	1.000	Ea
1010	Downspout Header, Conc	8020070	26.000	Ea
1020	Spillway, Conc	8020075	12.000	Ft
1030	_ Curb and Gutter, Bridge Approach, with BFRP	8027001	913.000	Ft
1040	_ Curb and Gutter, Conc, with BFRP, Det B2	8027001	780.000	Ft
1050	Conc Barrier, Single Face, Type A	8040001	224.000	Ft
1060	Conc Barrier Backfill, CIP	8040030	164.000	Cyd
1070	Guardrail, Type MGS-8	8070004	4,954.000	Ft
1080	Guardrail, Type T, Temp	8070007	300.000	Ft
1090	Guardrail, Type MGS-8, Temp	8070013	450.000	Ft
1100	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea

1110	Guardrail Approach Terminal, Type 2M, Temp	8070049	4.000	Ea
1120	Guardrail Departing Terminal, Type MGS	8070052	10.000	Ea
1130	Guardrail Departing Terminal, Type MGS, Temp	8070053	2.000	Ea
1140	Guardrail Departing Terminal, Type T, Temp	8070056	2.000	Ea
1150	Guardrail Reflector	8070080	176.000	Ea
1160	Guardrail, Reconst, Type T	8070109	255.000	Ft
1170	Guardrail Anch, Bridge, Det M1	8070130	20.000	Ea
1180	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
1190	_ Flexible Guardrail Delineator (White)	8077050	292.000	Ea
1200	_ Flexible Guardrail Delineator (Yellow)	8077050	28.000	Ea
1210	Fence, Woven Wire with Steel Post	8080002	49,225.000	Ft
1220	Bridge Sign Connection, Bolt Replacement	8100020	6.000	Ea
1230	Column, Breakaway, W8 x 13	8100120	2.000	Ea
1240	Column, Breakaway, W8 x 18	8100121	6.000	Ea
1250	Delineator Reflector, Red	8100131	126.000	Ea
1260	Delineator Reflector, Yellow	8100132	28.000	Ea
1270	Delineator Reflector, Green	8100133	2.000	Ea
1280	Delineator Reflector, White	8100134	349.000	Ea
1290	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	12.000	Ea
1300	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	4.000	Ea
1310	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	24.000	Ea
1320	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
1330	Fdn, Breakaway, W8 x 18	8100161	6.000	Ea
1340	Fdn, Column Breakaway, Rem	8100220	8.000	Ea
1350	Fdn, Wood Support, Rem	8100280	26.000	Ea
1360	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
1370	Perforated Steel Square Tube Breakaway System	8100330	10.000	Ea
1380	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	10.000	Ea
1390	Delineator, Rem	8100349	600.000	Ea
1400	Post, Flexible, Delineator	8100360	28.000	Ea
1410	Post, Rigid, Delineator	8100361	339.000	Ea
1420	Post, Steel, 3 lb	8100371	1,136.000	Ft
1430	Post, Wood, 4 inch by 6 inch	8100380	306.000	Ft
1440	Post, Wood, 6 inch by 8 inch	8100382	102.000	Ft
1450	Sign, Type I, Rem	8100391	11.000	Ea
1460	Sign, Type IA	8100392	1,127.000	Sft
1470	Sign, Type IB	8100393	23.000	Sft
1480	Sign, Type II, Rem	8100397	15.000	Ea
1490	Sign, Type IIA	8100398	184.000	Sft
1500	Sign, Type IIB	8100399	73.000	Sft
1510	Sign, Type III, Erect, Salv	8100402	10.000	Ea
1520	Sign, Type III, Rem	8100403	71.000	Ea
1530	Sign, Type IIIA	8100404	187.000	Sft

1540	Sign, Type IIIB	8100405	128.000	Sft
1550	Sign, Type V, Rem	8100421	2.000	Ea
1560	Sign, Type VA	8100424	27.000	Sft
1570	Sign, Type VB	8100425	184.000	Sft
1580	Reflective Panel for Permanent Sign Support, 3 foot	8100613	14.000	Ea
1590	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
1600	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Symbol	8110051	2.000	Ea
1610	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
1620	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
1630	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,100.000	Ft
1640	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,600.000	Ft
1650	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,420.000	Ft
1660	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,630.000	Ft
1670	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,420.000	Ft
1680	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,630.000	Ft
1690	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	16,610.000	Ft
1700	Recessing Pavt Mrkg, Longit	8110450	151,735.000	Ft
1710	Pavt Mrkg, Wet Retrlec Polyurea, 6 inch, White	8110501	61,270.000	Ft
1720	Pavt Mrkg, Wet Retrlec Polyurea, 12 inch, White	8110503	4,300.000	Ft
1730	Pavt Mrkg, Wet Retrlec Polyurea, 6 inch, Yellow	8110505	61,670.000	Ft
1740	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
1750	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
1760	Barricade, Type III, High Intensity, Lighted, Furn	8120022	50.000	Ea
1770	Barricade, Type III, High Intensity, Lighted, Oper	8120023	50.000	Ea
1780	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
1790	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
1800	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
1810	Conc Barrier Reflector Replacement	8120070	3,700.000	Ea
1820	Conc Barrier, Temp, Adj	8120080	400.000	Ft
1830	Conc Barrier, Temp, Furn	8120081	1,200.000	Ft
1840	Conc Barrier, Temp, Oper	8120082	1,200.000	Ft
1850	Culv, Temp	8120090	2.000	Ea
1860	Delineator, Flexible, Temp, Furn	8120091	150.000	Ea
1870	Delineator, Flexible, Temp, Oper	8120092	150.000	Ea
1880	High Intensity Light, Type B, Furn	8120110	3.000	Ea
1890	High Intensity Light, Type B, Oper	8120111	3.000	Ea
1900	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1910	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1920	Minor Traf Devices	8120170	1.000	LSUM
1930	Mobile Attenuator	8120180	3.000	Ea
1940	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	67,750.000	Ft
1950	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,090.000	Ft

1960	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	8,040.000	Ft
1970	Plastic Drum, Fluorescent, Furn	8120252	840.000	Ea
1980	Plastic Drum, Fluorescent, Oper	8120253	840.000	Ea
1990	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
2000	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
2010	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
2020	PTS System, Temp, Furn	8120270	1.000	Ea
2030	PTS System, Temp, Oper	8120271	1.000	Ea
2040	Sign Cover	8120310	220.000	Ea
2050	Sign Cover, Type 1	8120320	10.000	Ea
2060	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
2070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
2080	Sign, Type A, Temp, Prismatic, Furn	8120340	920.000	Sft
2090	Sign, Type A, Temp, Prismatic, Oper	8120341	920.000	Sft
2100	Sign, Type B, Temp, Prismatic, Furn	8120350	6,250.000	Sft
2110	Sign, Type B, Temp, Prismatic, Oper	8120351	6,250.000	Sft
2120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,810.000	Sft
2130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,810.000	Sft
2140	Traf Regulator Control	8120370	1.000	LSUM
2150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	125,790.000	Ft
2160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	15,840.000	Ft
2170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	69,560.000	Ft
2180	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,500.000	Ft
2190	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,010.000	Ft
2200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	1,100.000	Ft
2210	Speed Radar Trailer, Temp	8122028	2.000	Ea
2220	Temp Rumble Strips (Orange)	8122030	1,370.000	Ft
2230	_ Moveable Conc Traf Barrier	8127001	28,960.000	Ft
2240	_ Moveable Conc Traf Barrier, Add Transfer	8127001	57,920.000	Ft
2250	_ Moveable Conc Traf Barrier, Relocate	8127001	28,670.000	Ft
2260	_ Moveable Conc Traf Barrier, Replacement	8127001	270.000	Ft
2270	_ Heavy Duty Wrecker	8127050	6.000	Ea
2280	_ Light Duty Wrecker	8127050	60.000	Ea
2290	_ Medium Duty Wrecker	8127050	2.000	Ea
2300	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Wrong Way Arrow	8127050	1.000	Ea
2310	Riprap, Plain	8130010	940.000	Syd
2320	Site Preparation, Max \$3,400.00	8150001	1.000	LSUM

2330	Watering and Cultivating, First Season, Min \$1,700.00	8150002	1.000	LSUM
2340	Watering and Cultivating, Second Season, Min \$2,100.00	8150003	1.000	LSUM
2350	Picea abies, bareroot, 18-24 inch	8152736	25.000	Ea
2360	Picea abies, 4 foot	8152740	25.000	Ea
2370	Picea glauca Densata, 4 foot	8152754	25.000	Ea
2380	Seeding, Mixture TSM	8160041	300.000	Lb
2390	Water, Sodding/Seeding	8160090	30.000	Unit
2400	_ Compacted Soil Restoration	8167011	4,600.000	Syd
2410	_ Mulch Blanket, Modified	8167011	2,177.000	Syd
2420	_ Slope Restoration, Bonded Fiber Matrix	8167011	344,610.000	Syd
2430	Protect Corners	8210020	7.000	Ea
2440	Shoulder Corrugations, Ground or Cut, Conc	8220000	444.000	Ft
2450	Shoulder Corrugations, Ground or Cut, HMA	8220001	800.000	Ft
2460	Flowable Fill, Non-Structural	8260148	18.000	Cyd

Section: 2

2470	_ Pavt, Rem, Special	2047011	268.000	Syd
2480	Embankment, CIP	2050010	8,283.000	Cyd
2490	Excavation, Earth	2050016	48,491.000	Cyd
2500	Subbase, CIP	3010002	51,570.000	Cyd
2510	Aggregate Base	3020001	60,319.000	Ton
2520	Pavt, Rubblize	3040001	116,603.000	Syd
2530	Aggregate, Filler	3040010	500.000	Ton
2540	Saw Cut, Rubblize	3040013	400.000	Ft
2550	HMA Quality Initiative	5010007	215,816.000	Dlr
2560	Hand Patching	5010025	400.000	Ton
2570	HMA, 2E10	5010040	4,766.000	Ton
2580	HMA, 3E03	5010043	7,851.000	Ton
2590	HMA, 3E10	5010046	25,710.000	Ton
2600	HMA, 4E03	5010049	7,597.000	Ton
2610	HMA, 4E10	5010052	19,112.000	Ton
2620	HMA, 5E03	5010055	5,030.000	Ton
2630	HMA, 5E10	5010058	33,116.000	Ton
2640	HMA Approach	5010061	4,326.000	Ton
2650	_ Curb and Gutter, Conc, with BFRP, Det D2	8027001	585.000	Ft
2660	Shoulder Corrugations, Ground or Cut, HMA	8220001	97,878.000	Ft

Section: 3

2670	Embankment, CIP	2050010	9,601.000	Cyd
2680	Excavation, Earth	2050016	36,850.000	Cyd
2690	Subbase, CIP	3010002	38,982.000	Cyd
2700	Aggregate Base	3020001	580.000	Ton
2710	Open-Graded Dr Cse, CIP	3030030	29,730.000	Cyd
2720	Geotextile, Separator	3080005	156,134.000	Syd

2730	_ HMA Separator Layer	5017031	6,795.000	Ton
2740	Joint, Contraction, Cp	6020200	106,019.000	Ft
2750	Joint, Contraction, C3p	6020201	63,550.000	Ft
2760	Joint, Expansion, E2	6020207	576.000	Ft
2770	Joint, Expansion, E4	6020209	384.000	Ft
2780	Conc Quality Initiative	6020401	233,230.000	Dlr
2790	Conc Pavt, Ovly, Furnishing and Placing, High Performance	6020525	46,952.000	Cyd
2800	Conc Pavt, Ovly, Misc, Furnishing and Placing, High Performance	6020526	3,472.000	Cyd
2810	Conc Pavt, Ovly, Finishing and Curing, High Performance	6020527	214,571.000	Syd
2820	Conc Pavt, Ovly, Misc, Finishing and Curing, High Performance	6020528	14,636.000	Syd
2830	Cement	6030005	80.000	Ton
2840	Joint, Contraction, Crg	6030020	16,405.000	Ft
2850	Joint, Expansion, Erg	6030021	1,600.000	Ft
2860	Lane Tie, Epoxy Anchored	6030030	2,100.000	Ea
2870	Non-Chloride Accelerator	6030035	390.000	Gal
2880	Pavt Repr, Nonreinf Conc, 10 inch	6030048	6,379.000	Syd
2890	Pavt Repr, Rem	6030080	5,500.000	Syd
2900	Saw Cut, Intermediate	6030090	900.000	Ft
2910	_ Curb and Gutter, Conc, with BFRP, Det D1	8027001	778.000	Ft
2920	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	88,560.000	Ft
2930	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	1,010.000	Ft
2940	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	7,885.000	Ft
2950	Shoulder Corrugations, Ground or Cut, Conc	8220000	97,878.000	Ft

Section: 4

2960	Embankment, Structure, CIP	2050012	100.000	Cyd
2970	Non Haz Contaminated Material Handling and Disposal, LM	2050031	45.000	Cyd
2980	Backfill, Structure, CIP	2060002	117.000	Cyd
2990	Excavation, Fdn	2060010	1,125.000	Cyd
3000	_ Culvert Joint and Crack Sealing	4017051	1.000	LSUM
3010	Underdrain, Fdn, 4 inch	4040031	809.000	Ft
3020	Underdrain Outlet, 4 inch	4040091	220.000	Ft
3030	Underdrain, Outlet Ending, 4 inch	4040111	12.000	Ea
3040	_ Dewatering Barrier	7047051	1.000	LSUM
3050	Bridge Ltg, Furn and Rem (B02 of 09035)	7060001	1.000	LSUM
3060	Bridge Ltg, Furn and Rem (B07 of 09035)	7060001	1.000	LSUM
3070	Bridge Ltg, Furn and Rem (S08 of 09035)	7060001	1.000	LSUM
3080	Bridge Ltg, Furn and Rem (S09 of 09035)	7060001	1.000	LSUM
3090	Bridge Ltg, Furn and Rem (S19 of 09035)	7060001	1.000	LSUM
3100	Bridge Ltg, Oper and Maintain	7060002	1,100.000	Cyd
3110	Expansion Joint Device	7060050	435.000	Ft

3120	False Decking	7060060	25,600.000	Sft
3130	Reinforcement, Steel, Epoxy Coated	7060092	99,266.000	Lb
3140	Substructure Conc, High Performance	7060101	71.000	Cyd
3150	Superstructure Conc, Form, Finish, and Cure (B02 of 09035)	7060111	1.000	LSUM
3160	Superstructure Conc, Form, Finish, and Cure (B07 of 09035)	7060111	1.000	LSUM
3170	Superstructure Conc, Form, Finish, and Cure (S09 of 09035)	7060111	1.000	LSUM
3180	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 09035)	7060112	1.000	LSUM
3190	Superstructure Conc, Form, Finish, and Cure, Night Casting (B07 of 09035)	7060112	1.000	LSUM
3200	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 09035)	7060112	1.000	LSUM
3210	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09 of 09035)	7060112	1.000	LSUM
3220	Superstructure Conc, Form, Finish, and Cure, Night Casting (S19 of 09035)	7060112	1.000	LSUM
3230	Superstructure Conc, High Performance	7060116	59.000	Cyd
3240	Superstructure Conc, Night Casting, High Performance	7060117	1,100.000	Cyd
3250	_ Texturing Conc	7067011	90.000	Syd
3260	_ Reinforcement, Steel, Low Carbon Chromium	7067030	150,411.000	Lb
3270	Bearing, Elastomeric, 3 1/2 inch	7070022	1,584.000	Sin
3280	Shear Developers (B02 of 09035)	7070040	1.000	LSUM
3290	Shear Developers (B07 of 09035)	7070040	1.000	LSUM
3300	Shear Developers (S08 of 09035)	7070040	1.000	LSUM
3310	Shear Developers (S09 of 09035)	7070040	1.000	LSUM
3320	Shear Developers (S19 of 09035)	7070040	1.000	LSUM
3330	Joint Waterproofing	7100001	443.000	Sft
3340	Joint Waterproofing, Expansion	7100003	379.000	Sft
3350	Conc Surface Coating, Warranty (B02 of 09035)	7100009	1.000	LSUM
3360	Conc Surface Coating, Warranty (B07 of 09035)	7100009	1.000	LSUM
3370	Conc Surface Coating, Warranty (S08 of 09035)	7100009	1.000	LSUM
3380	Conc Surface Coating, Warranty (S09 of 09035)	7100009	1.000	LSUM
3390	Conc Surface Coating, Warranty (S19 of 09035)	7100009	1.000	LSUM
3400	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	1,021.000	Ft
3410	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	540.000	Ft
3420	Hand Chipping, Other Than Deck	7120007	126.000	Cft
3430	Patch, Forming	7120017	378.000	Sft
3440	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	360.000	Ea
3450	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	66.000	Ea
3460	Structures, Rehabilitation, Rem Portions (B02 of 09035)	7120070	1.000	LSUM
3470	Structures, Rehabilitation, Rem Portions (B07 of 09035)	7120070	1.000	LSUM
3480	Structures, Rehabilitation, Rem Portions (S08 of 09035)	7120070	1.000	LSUM

3490	Structures, Rehabilitation, Rem Portions (S09 of 09035)	7120070	1.000	LSUM
3500	Structures, Rehabilitation, Rem Portions (S19 of 09035)	7120070	1.000	LSUM
3510	Flushing Cracks, Water	7120098	90.000	Ft
3520	Structural Crack, Repr	7120099	90.000	Ft
3530	Top Flanges and Beam Ends, Clean and Coat	7120100	416.000	Syd
3540	Patching Conc, C-L	7120112	8.000	Cyd
3550	Embedded Galvanic Anode	7120120	152.000	Ea
3560	Beam Plate, Seal Perimeter	7130010	2,007.000	Ft
3570	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	9,492.000	Lb
3580	Structural Steel, Welded Repair, Furn, Fab, and Erect	7130072	2,560.000	Lb
3590	Support, Column, Temp	7130080	11.000	Ea
3600	Steel Structure, Cleaning, Type 4 (S08 of 09035)	7150045	1.000	LSUM
3610	Steel Structure, Cleaning, Type 4 (S09 of 09035)	7150045	1.000	LSUM
3620	Steel Structure, Cleaning, Type 4 (S19 of 09035)	7150045	1.000	LSUM
3630	Steel Structure, Coating, Type 4 (S08 of 09035)	7150046	1.000	LSUM
3640	Steel Structure, Coating, Type 4 (S09 of 09035)	7150046	1.000	LSUM
3650	Steel Structure, Coating, Type 4 (S19 of 09035)	7150046	1.000	LSUM
3660	Steel Structure, Cleaning, Partial, Type 4 (B02 of 09035)	7150047	1.000	LSUM
3670	Steel Structure, Cleaning, Partial, Type 4 (B07 of 09035)	7150047	1.000	LSUM
3680	Steel Structure, Coating, Partial, Type 4 (B02 of 09035)	7150048	1.000	LSUM
3690	Steel Structure, Coating, Partial, Type 4 (B07 of 09035)	7150048	1.000	LSUM
3700	Field Repair of Damaged Coating (S08 of 09035)	7160001	1.000	LSUM
3710	Field Repair of Damaged Coating (S09 of 09035)	7160001	1.000	LSUM
3720	Field Repair of Damaged Coating (S19 of 09035)	7160001	1.000	LSUM
3730	Drilled Shaft Equipment, Furnished (S09 of 09035)	7180010	1.000	LSUM
3740	Drilled Shaft, 42 inch	7180042	240.000	Ft
3750	Obstruction Removal	7180100	10,000.000	Dlr
3760	Temp Casing-Left in Place	7180121	129.000	Ft
3770	Slope Paving Header	8130015	175.000	Ft
3780	Slope Paving, Conc	8130020	260.000	Syd
3790	_ Riprap, Special, Class II	8137031	1,050.000	Ton
3800	Flowable Fill, Non-Structural	8260148	1.000	Cyd

Section: 5

3810	_ Calendar Days of Contract Time for Project Completion	1027060	0.000	Dlr
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Schedule of Pay Items

Report v1

Letting Call: 210108 017

Letting Date: January 8, 2021

Contract ID: 68012-201342

Description: Deck joint replacement, steel painting, bridge railing repairs, scour countermeasures, substructure patching, rocker realignment, slope paving, structural steel cleaning and coating and approach work on M-33/M-72 over the AuSable River, Oscoda County. This project includes a 2 year bridge coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201342A	21A0150	N/A	NH 68012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Progress Meeting	1040050	7,000.000	Dlr
0030	Mobilization, Max \$98,200.00	1500001	1.000	LSUM
0040	Tree, Rem, 6 inch to 18 inch	2020004	14.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0060	Curb and Gutter, Rem	2040020	189.000	Ft
0070	Guardrail, Rem	2040035	663.000	Ft
0080	Pavt, Rem	2040050	9.000	Syd
0090	Embankment, CIP	2050010	10.000	Cyd
0100	Excavation, Earth	2050016	218.000	Cyd
0110	Erosion Control, Silt Fence	2080036	250.000	Ft
0120	Subbase, CIP	3010002	98.000	Cyd
0130	Aggregate Base, 6 inch	3020016	265.000	Syd
0140	Culv, Downspout, 12 inch	4010795	156.000	Ft
0150	Dr Marker Post	4011109	4.000	Ea
0160	HMA Surface, Rem	5010005	196.000	Syd
0170	Hand Patching	5010025	16.000	Ton
0180	Joint, Expansion, E3	6020208	88.000	Ft
0190	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	196.000	Syd
0200	Conc, Grade S2	7060011	7.000	Cyd
0210	Reinforcement, Steel, Culv and Headwall	7060091	160.000	Lb
0220	Curb and Gutter, Bridge Approach	8020010	189.000	Ft
0230	Downspout Header, Conc	8020070	4.000	Ea
0240	Guardrail, Type MGS-8	8070004	326.000	Ft
0250	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0260	Guardrail Reflector	8070080	20.000	Ea
0270	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea

0280	Delineator Reflector, Green	8100133	4.000	Ea
0290	Delineator, Rem	8100349	2.000	Ea
0300	Post, Rigid, Delineator	8100361	4.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	44.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	80.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	80.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	80.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	80.000	Ft
0360	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	160.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0390	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0400	Conc Barrier Ending, Temp, Detail 5, Adj	8120060	2.000	Ea
0410	Conc Barrier Ending, Temp, Detail 5, Furn	8120061	2.000	Ea
0420	Conc Barrier Ending, Temp, Detail 5, Oper	8120062	2.000	Ea
0430	Conc Barrier, Temp, Adj	8120080	620.000	Ft
0440	Conc Barrier, Temp, Furn	8120081	620.000	Ft
0450	Conc Barrier, Temp, Oper	8120082	620.000	Ft
0460	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0470	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0500	Minor Traf Devices	8120170	1.000	LSUM
0510	Mobile Attenuator	8120180	2.000	Ea
0520	Pavt Mrkg Cover, Type R, Black	8120200	3,150.000	Ft
0530	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0550	Sign Cover	8120310	4.000	Ea
0560	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0570	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	595.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	595.000	Sft
0600	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	Temp Portable Power Source for TS System	8120380	1.000	LSUM
0640	TS, Temp, Furn	8120400	2.000	Ea
0650	TS, Temp, Oper	8120401	2.000	Ea
0660	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,683.000	Ft
0670	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	4,683.000	Ft
0680	Riprap, Plain	8130010	16.000	Syd
0690	Ilex verticillata Sparkleberry, #2 cont.	8151891	10.000	Ea

0700	Ilex x Appollo (male), #2 cont.	8151910	2.000	Ea
0710	_ Acer rubrum, #3 cont	8157050	10.000	Ea
0720	_ Pinus strobus, #3 cont	8157050	10.000	Ea
0730	_ Quercus rubra, #3 cont	8157050	10.000	Ea
0740	Fertilizer, Chemical Nutrient, CI A	8160020	28.000	Lb
0750	Seeding, Mixture TDS	8160037	34.000	Lb
0760	Topsoil Surface, Furn, 4 inch	8160062	748.000	Syd
0770	_ Mulch Blanket, Modified	8167011	748.000	Syd

Section: 2

0780	_ Flowable Fill	2057021	5.000	Cyd
0790	Backfill, Structure, CIP	2060002	80.000	Cyd
0800	Excavation, Fdn	2060010	80.000	Cyd
0810	Erosion Control, Turbidity Curtain, Deep	2080042	160.000	Ft
0820	Expansion Joint Device	7060050	53.000	Ft
0830	False Decking	7060060	8,000.000	Sft
0840	Reinforcement, Steel, Epoxy Coated	7060092	1,496.000	Lb
0850	_ Conc, Grade DM	7067021	9.000	Cyd
0860	Joint Waterproofing	7100001	78.000	Sft
0870	Conc Surface Coating (B01 of 68012)	7100010	1.000	LSUM
0880	Substructure Horizontal Surface Sealer (B01 of 68012)	7100030	7.000	Syd
0890	Hand Chipping, Deep	7120004	6.000	Syd
0900	Hand Chipping, Other Than Deck	7120007	40.000	Cft
0910	Patch, Forming	7120017	30.000	Sft
0920	Bolt, Adhesive Anchored, 7/8 inch	7120043	63.000	Ea
0930	Structures, Rehabilitation, Rem Portions (B01 of 68012)	7120070	1.000	LSUM
0940	Deck Joint, Rem	7120071	52.000	Ft
0950	Patching Conc, C-L	7120112	2.000	Cyd
0960	Embedded Galvanic Anode	7120120	112.000	Ea
0970	Beam Plate, Seal Perimeter	7130010	1,000.000	Ft
0980	Rocker, Realign	7130050	7.000	Ea
0990	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,921.000	Lb
1000	Support, Column, Temp	7130080	7.000	Ea
1010	Steel Structure, Cleaning, Type 4 (B01 of 68012)	7150045	1.000	LSUM
1020	Steel Structure, Coating, Type 4 (B01 of 68012)	7150046	1.000	LSUM
1030	Slope Paving Header	8130015	38.000	Ft
1040	Slope Paving, Conc	8130020	108.000	Syd
1050	_ Riprap, Fieldstone, Under Structures	8137031	660.000	Ton



12/11/2020 9:51 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 018**Letting Date:** January 8, 2021**Contract ID:** 33000-208112

Description: 1.79 mi of hot mix asphalt rehabilitation, concrete curb and gutter, sidewalk, sidewalk ramps, drainage, sewer, watermain, bridge rehabilitation, steel sheet piling, sewer overflow separation and pavement markings on North Grand River Avenue over the Grand River in the city of Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208112A	N/A	N/A	MCS 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audiovisual Coverage	1077051	1.000	LSUM
0020	Mobilization, Max \$891,000.00	1500001	1.000	LSUM
0030	Clearing	2010001	0.100	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0070	Dr Structure, Rem	2030011	41.000	Ea
0080	_ Abandon Existing 2 inch Water Main	2037001	170.000	Ft
0090	_ Abandon Existing 10 inch Sewer	2037001	428.000	Ft
0100	_ Abandon Existing 10 inch Water Main	2037001	3,512.000	Ft
0110	_ Abandon Existing 12 inch Sewer	2037001	465.000	Ft
0120	_ Abandon Existing 12 inch Water Main	2037001	1,241.000	Ft
0130	_ Abandon Existing 14 inch Water Main	2037001	661.000	Ft
0140	_ Abandon Existing 15 inch Sewer	2037001	10.000	Ft
0150	_ Abandon Existing 4 inch Water Main	2037001	756.000	Ft
0160	_ Abandon Existing 6 inch Sewer	2037001	112.000	Ft
0170	_ Abandon Existing 6 inch Water Main	2037001	3,990.000	Ft
0180	_ Abandon Existing 8 inch Sewer	2037001	1,767.000	Ft
0190	_ Abandon Existing 8 inch Water Main	2037001	101.000	Ft
0200	_ Sewer, Rem, 24 inch to 48 inch, Modified	2037001	158.000	Ft
0210	_ Sewer, Rem, Less than 24 inch, Modified	2037001	2,472.000	Ft
0220	_ Water Main, Rem	2037001	1,360.000	Ft
0230	_ Dr Structure, Abandon, Modified	2037050	27.000	Ea
0240	_ Remove Existing Water Main Structure	2037050	21.000	Ea
0250	Curb and Gutter, Rem	2040020	12,402.000	Ft
0260	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0270	Sidewalk, Rem	2040055	1,385.000	Syd

0280	_ Pavement Removal, Modified	2047011	28,176.000	Syd
0290	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0300	_ Machine Grading, Modified	2057002	90.000	Sta
0310	_ Subgrade Undercutting, Special	2057011	1,000.000	Syd
0320	_ Non-Haz Contaminated Material Handling and Disposal, Modified	2057021	600.000	Cyd
0330	Erosion Control, Sand Bag	2080028	400.000	Ea
0340	Erosion Control, Silt Fence	2080036	925.000	Ft
0350	Erosion Control, Turbidity Curtain, Deep	2080042	725.000	Ft
0360	_ Inlet Protection Fabric Drop, Modified	2087050	50.000	Ea
0370	_ Street Sweeping	2087051	1.000	LSUM
0380	Subbase, CIP	3010002	11,312.000	Cyd
0390	Aggregate Base, 6 inch	3020016	16,218.000	Syd
0400	_ Aggregate Base, 8 inch, Modified	3027011	11,895.000	Syd
0410	_ Aggregate, 21AA	3027021	500.000	Cyd
0420	_ Geotextile Blanket	3037011	400.000	Syd
0430	_ Maintenance Gravel, Mill Tailings, 10 inch	3067011	800.000	Syd
0440	_ Maintenance Gravel, Mill Tailings, 4 inch	3067011	500.000	Syd
0450	_ Steel Casing, 24 inch, Jacked in Place	4017001	135.000	Ft
0460	Sewer, CI B, 24 inch, Tr Det B	4020186	25.000	Ft
0470	Sewer, CI III, 12 inch, Tr Det B	4020866	1,007.000	Ft
0480	Sewer Bulkhead, 12 inch	4021230	7.000	Ea
0490	Sewer Bulkhead, 15 inch	4021231	5.000	Ea
0500	Sewer Bulkhead, 18 inch	4021232	6.000	Ea
0510	Trench Undercut and Backfill	4021260	2,460.000	Cyd
0520	_ Clean and Televis 10 inch Sewer	4027001	162.000	Ft
0530	_ Clean and Televis 12 inch Sewer	4027001	3,637.000	Ft
0540	_ Clean and Televis 15 inch Sewer	4027001	1,961.000	Ft
0550	_ Clean and Televis 24 inch Sewer	4027001	513.000	Ft
0560	_ Clean and Televis 30 inch Sewer	4027001	1,421.000	Ft
0570	_ Clean and Televis 42 inch Sewer	4027001	214.000	Ft
0580	_ Clean and Televis 8 inch Sewer	4027001	4,598.000	Ft
0590	_ Cured in Place Pipe, 8 inch dia	4027001	1,191.000	Ft
0600	_ San Sewer, CI A, 10 inch, Tr Det B	4027001	41.000	Ft
0610	_ San Sewer, CI A, 8 inch, Tr Det B	4027001	1,570.000	Ft
0620	_ San Sewer, CI B, 12 inch, Tr Det B	4027001	537.000	Ft
0630	_ San Sewer, CI B, 15 inch, Tr Det B	4027001	613.000	Ft
0640	_ San Sewer, CI C, 8 inch, Tr Det B	4027001	386.000	Ft
0650	_ San Sewer, CI B, 8 inch, Tr Det B	4027001	400.000	Ft
0660	_ San Sewer, CI C, 12 inch, Tr Det B	4027001	817.000	Ft
0670	_ San Sewer, PVC SDR 26, 12 inch, Placed in Casing	4027001	135.000	Ft
0680	_ San Sewer, Service Lateral, 6 inch, Tr Det B	4027001	1,321.000	Ft
0690	_ Sewer Spot Repair, Lining, 8 inch	4027001	3.000	Ft
0700	_ Sewer, CI A, 12 inch, Tr Det B, Modified	4027001	915.000	Ft
0710	_ Sewer, CI A, 15 inch, Tr Det B, Modified	4027001	864.000	Ft

0720	_ Sewer, CI A, 24 inch, Tr Det B, Modified	4027001	43.000	Ft
0730	_ Sewer, DIP CL 52, 12 inch, Tr Det B	4027001	49.000	Ft
0740	_ Sewer, DIP CL 52, 8 inch, Tr Det B	4027001	68.000	Ft
0750	_ Sewer, DIP, 8-inch, Dual Catch Basin Lead	4027001	100.000	Ft
0760	_ Sewer, Service Lateral, 8 inch, Tr Det B	4027001	83.000	Ft
0770	_ Cored Opening, 12 inch	4027050	5.000	Ea
0780	_ Cored Opening, 15 inch	4027050	5.000	Ea
0790	_ Cored Opening, 8 inch	4027050	5.000	Ea
0800	_ San Sewer Spot Repair, less than 12 inch dia, less than or equal to 14 feet deep	4027050	1.000	Ea
0810	_ San Sewer, Connection, 12 inch by 6 inch	4027050	10.000	Ea
0820	_ San Sewer, Connection, 15 inch by 6 inch	4027050	9.000	Ea
0830	_ San Sewer, Connection, 8 inch by 6 inch	4027050	27.000	Ea
0840	_ Sewer Spot Repair, less than 12 inch dia, less than or equal to 14 feet deep	4027050	1.000	Ea
0850	_ Utility Location Investigation	4027050	6.000	Ea
0860	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0870	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0880	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0890	Dr Structure, Tap, 12 inch	4030312	11.000	Ea
0900	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0910	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0920	_ Dr Structure, Add Depth of 48 inch dia, 8 feet to 15 feet, Modified	4037001	27.000	Ft
0930	_ Exterior Drop Connection	4037001	36.000	Ft
0940	_ San Manhole, Add Depth of 48 inch dia, 8 feet to 15 feet	4037001	104.000	Ft
0950	_ San Manhole, Add Depth of 48 inch dia, more than 15 feet	4037001	56.000	Ft
0960	_ Catch Basin Cover	4037030	17,000.000	Lb
0970	_ Dr Structure Cover, Special	4037030	6,580.000	Lb
0980	_ San Manhole Cover	4037030	10,380.000	Lb
0990	_ Catch Basin, 24 inch dia	4037050	4.000	Ea
1000	_ Catch Basin, 48 inch dia	4037050	27.000	Ea
1010	_ Catch Basin, Winter Drain	4037050	20.000	Ea
1020	_ Dr Structure, 48 inch dia, Modified	4037050	16.000	Ea
1030	_ Dr Structure, Cleaning, Modified	4037050	18.000	Ea
1040	_ Manhole Lining, MH-1288	4037050	1.000	Ea
1050	_ Manhole Lining, MH-24240	4037050	1.000	Ea
1060	_ Manhole Lining, MH-24254	4037050	1.000	Ea
1070	_ Manhole Lining, MH-24256	4037050	1.000	Ea
1080	_ Manhole Lining, MH-24261	4037050	1.000	Ea
1090	_ Manhole Lining, MH-8850	4037050	1.000	Ea
1100	_ San Manhole, 48 inch dia	4037050	26.000	Ea
1110	_ San Manhole, 48 inch dia, Air Testing	4037050	24.000	Ea
1120	_ San Manhole, Tap, 15 inch	4037050	1.000	Ea
1130	_ San Sewer, Air Test, 10 inch dia	4037050	1.000	Ea

1140	_ San Sewer, Air Test, 12 inch dia	4037050	9.000	Ea
1150	_ San Sewer, Air Test, 15 inch dia	4037050	5.000	Ea
1160	_ San Sewer, Air Test, 8 inch dia	4037050	12.000	Ea
1170	_ Sewer Trap, 10 inch, Temp	4037050	16.000	Ea
1180	Underdrain, Subgrade, 6 inch	4040073	9,782.000	Ft
1190	Hand Patching	5010025	150.000	Ton
1200	HMA, 13A	5010033	593.000	Ton
1210	HMA, 3E3	5010045	4,978.000	Ton
1220	HMA, 4E3	5010051	2,879.000	Ton
1230	HMA, 5E3	5010057	870.000	Ton
1240	_ Cold Milling HMA Surface, Small Area	5017011	3,038.000	Syd
1250	Pavt Repr, Nonreinf Conc, 10 1/2 inch	6030049	28.000	Syd
1260	_ Extra Sacks of Cement	6037050	500.000	Ea
1270	Steel Sheet Piling, Temp	7040002	2,000.000	Sft
1280	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	569.000	Syd
1290	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	1,371.000	Syd
1300	Driveway Opening, Conc, Det M	8020050	945.000	Ft
1310	_ Curb and Gutter, Conc, Det F4, Modified	8027001	11,224.000	Ft
1320	_ Curb and Gutter, Conc, Det F4, Special	8027001	342.000	Ft
1330	_ Curb and Gutter, Conc, Det F4, Washout	8027001	403.000	Ft
1340	Sidewalk Ramp, Conc, 4 inch	8030034	2,461.000	Sft
1350	Sidewalk, Conc, 4 inch	8030044	8,299.000	Sft
1360	Sidewalk, Conc, 6 inch	8030046	1,684.000	Sft
1370	_ Sidewalk, ADA Truncated Dome Device	8037050	43.000	Ea
1380	Fence, Protective	8080007	1,600.000	Ft
1390	Fence, Chain Link, 48 inch	8080011	35.000	Ft
1400	_ Engineer Field Office	8097043	10.000	Mo
1410	Post, Steel, 3 lb	8100371	200.000	Ft
1420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	121.000	Ft
1430	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1440	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
1450	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
1460	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,874.000	Ft
1470	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,322.000	Ft
1480	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,853.000	Ft
1490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,284.000	Ft
1500	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1510	_ Pavt Mrkg, Crosswalk	8117001	531.000	Ft
1520	_ Pavt Mrkg, Crosswalk, Modified	8117001	64.000	Ft
1530	_ Pavt Mrkg, Thermopl, Bike Lane Sym	8117050	2.000	Ea
1540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1560	Barricade, Type III, High Intensity, Lighted, Furn	8120022	55.000	Ea

1570	Barricade, Type III, High Intensity, Lighted, Oper	8120023	55.000	Ea
1580	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1590	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	3.000	Ea
1600	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	3.000	Ea
1610	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
1620	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1630	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1640	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1650	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1660	Minor Traf Devices	8120170	1.000	LSUM
1670	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	14,200.000	Ft
1680	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,200.000	Ft
1690	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	9,400.000	Ft
1700	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
1710	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
1720	Sign Cover	8120310	15.000	Ea
1730	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
1740	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
1750	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
1760	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
1770	Sign, Type B, Temp, Prismatic, Furn	8120350	1,674.000	Sft
1780	Sign, Type B, Temp, Prismatic, Oper	8120351	1,674.000	Sft
1790	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
1800	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
1810	Traf Regulator Control	8120370	1.000	LSUM
1820	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	1,800.000	Ft
1830	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	1,800.000	Ft
1840	_ Dust Palliative, Applied, Modified	8127031	200.000	Ton
1850	_ Tree Watering	8157050	1.000	Ea
1860	_ Tree, 3-1/2 inch	8157050	1.000	Ea
1870	_ Parkway Maintenance, Mowing	8167011	9,593.000	Syd
1880	_ Parkway Maintenance, Watering	8167011	9,593.000	Syd
1890	_ Parkway Maintenance, Weed Control	8167011	9,593.000	Syd
1900	_ Parkway Restoration	8167011	9,593.000	Syd
1910	_ Conduit, Schedule 40, 1 1/2 inch, Modified	8197001	151.000	Ft
1920	Traf Loop	8200170	2.000	Ea
1930	TS Face, Bag	8200458	4.000	Ea
1940	TS Face, Bag, Rem	8200459	4.000	Ea
1950	Monument Box Adjust	8210005	5.000	Ea
1960	Monument Preservation	8210010	5.000	Ea
1970	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
1980	_ Valve, Valve Extension	8237001	20.000	Ft

1990	_ Water Main, Copper, 2 inch, Tr Det G	8237001	166.000	Ft
2000	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	7,798.000	Ft
2010	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	373.000	Ft
2020	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,279.000	Ft
2030	_ Water Main, Temporary	8237001	500.000	Ft
2040	_ Water Service, Service Lateral, 1 inch, Directional Bore	8237001	270.000	Ft
2050	_ Water Service, Service Lateral, 1 1/2 inch, Directional Bore	8237001	36.000	Ft
2060	_ Water Service, Service Lateral, 1 1/2 inch	8237001	1.000	Ft
2070	_ Water Service, Service Lateral, 1 inch	8237001	15.000	Ft
2080	_ Water Service, Service Lateral, 2 inch, Directional Bore	8237001	50.000	Ft
2090	_ Water Service, Service Lateral, 2 inch	8237001	53.000	Ft
2100	_ Water Service, Service Lateral, 3/4 inch	8237001	265.000	Ft
2110	_ Water Service, Service Lateral, 3/4 inch, Directional Bore	8237001	275.000	Ft
2120	_ Water Service, Service Lateral, 4 inch	8237001	15.000	Ft
2130	_ Water Service, Service Lateral, 6 inch	8237001	41.000	Ft
2140	_ Water Service, Service Lateral, 8 inch	8237001	81.000	Ft
2150	_ Fire Hydrant Valve Assembly	8237050	17.000	Ea
2160	_ Fire Hydrant, Excavation and Backfill	8237050	17.000	Ea
2170	_ Hydrant, Rem, Modified	8237050	15.000	Ea
2180	_ Valve Box	8237050	36.000	Ea
2190	_ Valve, 12 inch	8237050	23.000	Ea
2200	_ Valve, 2 inch	8237050	1.000	Ea
2210	_ Valve, 4 inch	8237050	1.000	Ea
2220	_ Valve, 8 inch	8237050	13.000	Ea
2230	_ Water Main Cap Off	8237050	3.000	Ea
2240	_ Water Main Connect to Existing	8237050	23.000	Ea
2250	_ Water Main, Environmental Joint, 12 inch	8237050	19.000	Ea
2260	_ Water Main, Environmental Joint, 6 inch	8237050	5.000	Ea
2270	_ Water Main, Environmental Joint, 8 inch	8237050	5.000	Ea
2280	_ Water Main, Meter Pit Installation	8237050	1.000	Ea
2290	_ Water Main, Restrained Joint, 6 - 12 inch dia	8237050	15.000	Ea
2300	_ Water Main, Split Gland Restr Joint, less than 16 inch	8237050	5.000	Ea
2310	_ Water Service, Curb Stop and Box	8237050	6.000	Ea
2320	_ Water Service, Curb Stop, Adjust	8237050	23.000	Ea
2330	_ Water Service, Main Connection, 1 1/2 inch	8237050	2.000	Ea
2340	_ Water Service, Main Connection, 1 inch	8237050	14.000	Ea
2350	_ Water Service, Main Connection, 2 inch	8237050	3.000	Ea
2360	_ Water Service, Main Connection, 2 inch by 3/4 inch	8237050	4.000	Ea
2370	_ Water Service, Main Connection, 3/4 inch	8237050	61.000	Ea
2380	_ Water Utility Investigation	8237050	5.000	Ea
2390	_ Water Main, Trench Dam	8507020	20.000	Cft
2400	_ Water Main, Additional Fittings	8507030	5,000.000	Lb

2410	_ Railroad Protection, at Grade Crossing	8507060	50,000.000	Dlr
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Section: 2

2420	Structures, Rem Portions	2040061	1.000	LSUM
2430	_ Backfill, Structure, CIP, Special	2067021	1,300.000	Cyd
2440	_ Excavation, Fdn, Special	2067021	1,500.000	Cyd
2450	Underdrain, Fdn, 6 inch	4040033	264.000	Ft
2460	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
2470	Joint, Expansion, E3	6020208	58.000	Ft
2480	Conc, Grade D	7060010	341.000	Cyd
2490	Conc, Grade S2	7060011	71.000	Cyd
2500	Conduit, 3 inch	7060030	267.000	Ft
2510	False Decking	7060060	8,788.000	Sft
2520	Reinforcement, Steel, Epoxy Coated	7060092	58,095.000	Lb
2530	Joint Waterproofing	7100001	837.000	Sft
2540	Membrane, Preformed Waterproofing	7100008	8,183.000	Sft
2550	Conc Surface Coating (SN 3947)	7100010	1.000	LSUM
2560	Hand Chipping, Other Than Deck	7120007	3,203.000	Cft
2570	Patch, Forming	7120017	2,632.000	Sft
2580	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	654.000	Ea
2590	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	332.000	Ea
2600	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	74.000	Ea
2610	Patching Conc, C-L	7120112	121.000	Cyd
2620	Embedded Galvanic Anode	7120120	3,630.000	Ea
2630	_ Bridge Railing, Aesthetic Parapet Tube, Modified	7127001	528.000	Ft
2640	Sign, Type II, Erect, Salv	8100396	1.000	Ea
2650	Sign, Type II, Rem	8100397	1.000	Ea
2660	_ Riprap, Heavy, Modified	8137011	1,087.000	Syd
2670	_ Geocellular Confinement System	8157011	145.000	Syd
2680	_ Temp Haul Road and Floatilla	8507051	1.000	LSUM



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 019**Letting Date:** January 8, 2021**Contract ID:** 18032-202579

Description: 1.36 mi of hot mix asphalt cold milling and resurfacing, joint repairs, bridge rehabilitation, concrete curb, gutter and sidewalk, storm sewer, signage, signal modernization and pavement markings on US-127BR from County Farm Road northerly to Townline Lake Road in the city of Harrison, Clare County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
202579A	21A0146	N/A	ST 18032
211494A	N/A	N/A	MER 18034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$182,600.00	1500001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Dr Structure, Rem	2030011	3.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	63.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	60.000	Ft
0060	Curb and Gutter, Rem	2040020	2,349.000	Ft
0070	Pavt, Rem	2040050	364.000	Syd
0080	Sidewalk, Rem	2040055	656.000	Syd
0090	Exploratory Investigation, Vertical	2040080	20.000	Ft
0100	Embankment, CIP	2050010	137.000	Cyd
0110	Excavation, Earth	2050016	758.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0130	Erosion Control, Filter Bag	2080014	2.000	Ea
0140	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0150	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	76.000	Ea
0170	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0180	Erosion Control, Turbidity Curtain, Shallow	2080044	450.000	Ft
0190	Project Cleanup	2090001	1.000	LSUM
0200	Subbase, CIP	3010002	9.000	Cyd
0210	Aggregate Base	3020001	103.000	Ton
0220	Aggregate Base, 4 inch	3020010	141.000	Syd
0230	Aggregate Base, 6 inch	3020016	2,909.000	Syd
0240	Maintenance Gravel	3060020	40.000	Ton
0250	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0260	Sewer, Cl A, 12 inch, Tr Det A	4020004	37.000	Ft

0270	Sewer, CI A, 24 inch, Tr Det A	4020007	40.000	Ft
0280	Sewer, CI A, 12 inch, Tr Det B	4020033	30.000	Ft
0290	Sewer, CI IV, 24 inch, Tr Det B	4020993	8.000	Ft
0300	Sewer Tap, 8 inch	4021202	1.000	Ea
0310	Sewer Tap, 12 inch	4021204	3.000	Ea
0320	Sewer Tap, 18 inch	4021206	1.000	Ea
0330	Sewer Tap, 24 inch	4021207	2.000	Ea
0340	Sewer Tap, 36 inch	4021209	1.000	Ea
0350	Video Taping Sewer and Culv Pipe	4021275	120.000	Ft
0360	Dr Structure Cover, Adj, Case 1	4030005	31.000	Ea
0370	Dr Structure Cover, Type B	4030010	4.000	Ea
0380	Dr Structure Cover, Type G	4030040	2.000	Ea
0390	Dr Structure Cover, Type K	4030050	3.000	Ea
0400	Dr Structure, 48 inch dia	4030210	7.000	Ea
0410	Dr Structure, 60 inch dia	4030220	1.000	Ea
0420	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0430	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	5.000	Ft
0440	Dr Structure, Cleaning	4030290	3.000	Ea
0450	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0460	Pavt, Cleaning	5010001	1.000	LSUM
0470	Cold Milling HMA Surface	5010002	38,440.000	Syd
0480	HMA Surface, Rem	5010005	1,024.000	Syd
0490	HMA Quality Initiative	5010007	16,174.000	Dlr
0500	Longitudinal Joint Density Quality Initiative	5010018	43,070.000	Dlr
0510	Pavt Joint and Crack Repr, Det 7	5010020	1,200.000	Ft
0520	Pavt Joint and Crack Repr, Det 8	5010021	1,200.000	Ft
0530	Hand Patching	5010025	126.000	Ton
0540	HMA, 5E1	5010056	104.000	Ton
0550	HMA Approach	5010061	981.000	Ton
0560	HMA, 4E1, High Stress	5010508	3,928.000	Ton
0570	HMA, 5E1, High Stress	5010514	2,948.000	Ton
0580	_ Asphalt Repair Mastic	5027001	3,700.000	Ft
0590	Conc Base Cse, Nonreinf, 6 inch	6020015	368.000	Syd
0600	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0610	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0620	_ Roadside Unit, Intersection	8007050	1.000	Ea
0630	Driveway, Nonreinf Conc, 8 inch	8010007	516.000	Syd
0640	Curb, Conc, Det E2	8020002	43.000	Ft
0650	Curb and Gutter, Conc, Det F2	8020036	1,982.000	Ft
0660	Driveway Opening, Conc, Det M	8020050	196.000	Ft
0670	_ Curb, Conc, Det E2, Modified	8027001	755.000	Ft
0680	Detectable Warning Surface	8030010	228.000	Ft
0690	Curb Ramp Opening, Conc	8030030	297.000	Ft

0700	Sidewalk Ramp, Conc, 6 inch	8030036	3,478.000	Sft
0710	Sidewalk, Conc, 4 inch	8030044	5,348.000	Sft
0720	Sidewalk, Conc, 6 inch	8030046	3,247.000	Sft
0730	_ Sidewalk, Conc, 4 inch, Decorative	8037010	252.000	Sft
0740	Post, Mailbox	8070095	1.000	Ea
0750	Fdn, Wood Support, Rem	8100280	2.000	Ea
0760	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0770	Post, Steel, 3 lb	8100371	340.000	Ft
0780	Post, Wood, 4 inch by 6 inch	8100380	30.000	Ft
0790	Post, Wood, 6 inch by 8 inch	8100382	26.000	Ft
0800	Sign, Type II, Rem	8100397	1.000	Ea
0810	Sign, Type IIA	8100398	14.000	Sft
0820	Sign, Type III, Erect, Salv	8100402	15.000	Ea
0830	Sign, Type III, Rem	8100403	26.000	Ea
0840	Sign, Type IIIA	8100404	7.000	Sft
0850	Sign, Type IIIB	8100405	93.000	Sft
0860	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0870	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,040.000	Ft
0880	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, Yellow	8110109	135.000	Ft
0890	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	60.000	Ft
0900	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	280.000	Ft
0910	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
0920	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0930	Recessing Pavt Mrkg, Longit	8110450	30,055.000	Ft
0940	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	910.000	Ft
0950	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	11,760.000	Ft
0960	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	16,685.000	Ft
0970	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	700.000	Ft
0980	Barricade, Type III, High Intensity, Lighted, Furn	8120022	4.000	Ea
0990	Barricade, Type III, High Intensity, Lighted, Oper	8120023	4.000	Ea
1000	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
1010	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
1020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
1030	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1040	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1050	Minor Traf Devices	8120170	1.000	LSUM
1060	Pavt Mrkg Cover, Type R, Black	8120200	50.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	12,565.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	14,940.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	460.000	Ft
1100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,152.000	Ft
1110	Sign Cover	8120310	20.000	Ea

1120	Sign, Type B, Temp, Prismatic, Furn	8120350	2,514.000	Sft
1130	Sign, Type B, Temp, Prismatic, Oper	8120351	2,514.000	Sft
1140	Traf Regulator Control	8120370	1.000	LSUM
1150	Riprap, Plain	8130010	55.000	Syd
1160	_ Trash Receptacle, Relocate	8157050	1.000	Ea
1170	Slope Restoration, Type B	8160101	1,830.000	Syd
1180	Slope Restoration, Type D	8160103	400.000	Syd
1190	Cable Pole, TS, Dismant	8190010	2.000	Ea
1200	Conduit, DB, 1, 1 1/2 inch	8190027	191.000	Ft
1210	Conduit, DB, 3, 3 inch	8190035	59.000	Ft
1220	Conduit, DB, 4, 3 inch	8190038	10.000	Ft
1230	Conduit, Rem	8190140	87.000	Ft
1240	Hh, Adj	8190244	2.000	Ea
1250	Hh, Polymer Conc	8190250	2.000	Ea
1260	Hh, Rem	8190254	2.000	Ea
1270	Hh, Round, 3 foot dia	8190259	1.000	Ea
1280	Hh, Round	8190260	3.000	Ea
1290	Cable, Sec, 600V, 1, 3/C#6	8190399	200.000	Ft
1300	Conduit, Directional Bore, 2, 3 inch	8190604	110.000	Ft
1310	_ Conduit, DB, 1, 1 inch	8197001	10.000	Ft
1320	Case Sign, Rem	8200020	1.000	Ea
1330	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
1340	Controller and Cabinet, Rem	8200030	1.000	Ea
1350	Controller Fdn, Base Mount	8200045	1.000	Ea
1360	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1370	Pedestal, Alum	8200100	6.000	Ea
1380	Pedestal, Fdn	8200105	6.000	Ea
1390	Pedestal Fdn, Rem	8200106	2.000	Ea
1400	Pedestal, Rem	8200110	2.000	Ea
1410	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
1420	Pushbutton and Sign	8200121	8.000	Ea
1430	Serv Disconnect	8200135	2.000	Ea
1440	Serv Disconnect, Rem	8200136	1.000	Ea
1450	Span Wire	8200140	4.000	Ea
1460	Span Wire, Rem	8200141	1.000	Ea
1470	Steel Pole, Rem (Embedded)	8200146	2.000	Ea
1480	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
1490	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1500	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1510	Cabinet, NEMA Type	8200186	1.000	Ea
1520	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
1530	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
1540	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea

1550	Bracket, Truss, With 12 Foot Arm	8200376	2.000	Ea
1560	TS Face, Bag	8200458	2.000	Ea
1570	TS Face, Bag, Rem	8200459	2.000	Ea
1580	Strain Pole, Steel, 6 bolt, 30 foot	8200460	3.000	Ea
1590	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
1600	Strain Pole Fdn, 6 Bolt	8200470	59.000	Ft
1610	Casing	8200480	45.000	Ft
1620	Cellular Modem, TS, 4G	8200498	1.000	Ea
1630	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
1640	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	2.000	Ea
1650	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1660	Protect Corners	8210020	10.000	Ea
1670	Water Shutoff, Adj, Case 1	8230421	16.000	Ea
1680	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
1690	Lightning Protection, Pole	8260021	1.000	Ea

Section: 2

1700	_ Flexural Strengthening System with Fiber Reinforced Polymer Sheet	7127010	200.000	Sft
1710	_ Hand Chipping, Special	7127010	60.000	Sft
1720	_ Beam End Repair, Latex Modified Conc	7127020	9.000	Cft



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Schedule of Pay Items

Report v1

Letting Call: 210108 020**Letting Date:** January 8, 2021**Contract ID:** 68000-210481**Description:** 0.26 mi of installation of guardrail on Kneeland Road over Perry Creek and over unnamed tributary, Oscoda County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210481A	21A0079	N/A	HSIP 68000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,300.00	1500001	1.000	LSUM
0020	Guardrail, Type MGS-8	8070004	1,188.000	Ft
0030	Guardrail, Curved, Type B	8070010	25.000	Ft
0040	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0050	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0060	Guardrail Reflector	8070080	60.000	Ea
0070	_ Guardrail Long Span, Det MGS-3	8077050	2.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0110	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	216.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	216.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0150	_ Minor Traf Devices, Modified	8127051	1.000	LSUM



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 021**Letting Date:** January 8, 2021**Contract ID:** 72000-208225

Description: 6.21 mi of hot mix asphalt ultra thin resurfacing, shoulder aggregate and pavement marking on Loxley Road from Emery Road to M-55, Federal Avenue from Old US-27 to M-55 and Knapp Road from Old US-27 to M-55, Roscommon County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208225A	21A0032	N/A	STUL 72000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$61,800.00	1500001	1.000	LSUM
0020	Embankment, LM	2050011	50.000	Cyd
0030	Shoulder, CI II	3070121	1,038.000	Ton
0040	_ HMA, Ultra-Thin, Medium Volume	5047031	6,265.000	Ton
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	160.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	62,281.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,774.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	62,281.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,774.000	Ft
0100	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0110	Pavt Mrkg, Polyurea, Thru & Lt Turn Arrow Sym	8110416	1.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,840.000	Ft
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	424.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	424.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	64.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	64.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Slope Restoration, Modified	8167011	1,009.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 210108 022

Letting Date: January 8, 2021

Contract ID: 14000-208178

Description: 0.27 mi of concrete sidewalk and timber boardwalk, benches, trash receptacles and signing along Broadway Street (M-60/M-62) from Lakeshore Drive to South Disbrow Street in the village of Cassopolis, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208178A	20A0879	N/A	CM 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	40.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0040	Excavation, Earth	2050016	18.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0060	_ Sidewalk Grading	2057002	21.000	Sta
0070	Backfill, Structure, CIP	2060002	490.000	Cyd
0080	Excavation, Fdn	2060010	425.000	Cyd
0090	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0100	Erosion Control, Silt Fence	2080036	1,250.000	Ft
0110	Erosion Control, Turbidity Curtain, Shallow	2080044	400.000	Ft
0120	Subbase, CIP	3010002	225.000	Cyd
0130	Aggregate Base, 6 inch	3020016	475.000	Syd
0140	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0150	Outfall Label	4011115	1.000	Ea
0160	Sewer, Cl A, 12 inch, Tr Det B	4020033	250.000	Ft
0170	Video Taping Sewer and Culv Pipe	4021275	250.000	Ft
0180	Dr Structure Cover, Type B	4030010	1.000	Ea
0190	Dr Structure Cover, Type K	4030050	2.000	Ea
0200	Dr Structure, 24 inch dia	4030200	2.000	Ea
0210	Dr Structure, 48 inch dia	4030210	1.000	Ea
0220	HMA Surface, Rem	5010005	345.000	Syd
0230	Hand Patching	5010025	23.000	Ton
0240	HMA Approach	5010061	39.000	Ton
0250	Conc Base Cse, Nonreinf, 6 inch	6020015	183.000	Syd
0260	Cofferdams	7040007	1.000	LSUM
0270	Conc, Grade T	7060013	160.000	Cyd

0280	Reinforcement, Steel, Epoxy Coated	7060092	8,840.570	Lb
0290	Substructure Conc	7060100	120.000	Cyd
0300	_ Railing	7097001	250.000	Ft
0310	Curb and Gutter, Conc, Det C4	8020023	490.000	Ft
0320	Detectable Warning Surface	8030010	8.000	Ft
0330	Sidewalk Ramp, Conc, 6 inch	8030036	150.000	Sft
0340	Sidewalk, Conc, 4 inch	8030044	11,550.000	Sft
0350	Sidewalk, Conc, 7 inch	8030047	1,030.000	Sft
0360	_ Concrete Pavers, Large Format	8037010	2,600.000	Sft
0370	_ Fence, Rustic Split Rail (2 Rail)	8087001	50.000	Ft
0380	Post, Steel, 3 lb	8100371	88.000	Ft
0390	Post, Wood, 4 inch by 6 inch	8100380	176.000	Ft
0400	Post, Wood, 6 inch by 8 inch	8100382	24.000	Ft
0410	Sign, Type II, Erect, Salv	8100396	3.000	Ea
0420	Sign, Type III, Erect, Salv	8100402	39.000	Ea
0430	Sign, Type IIIB	8100405	6.300	Sft
0440	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0450	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0470	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0480	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0520	Traf Regulator Control	8120370	1.000	LSUM
0530	Riprap, Plain	8130010	3.000	Syd
0540	Slope Restoration, Type B	8160101	2,400.000	Syd
0550	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0560	_ Bench	8507050	4.000	Ea
0570	_ Litter Receptacle	8507050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 023

Letting Date: January 8, 2021

Contract ID: 70000-205546

Description: 0.52 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Van Buren Street from 40th Avenue easterly to 36th Avenue in the city of Hudsonville, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205546A	21A0083	N/A	STU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,900.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	719.000	Ft
0030	Sidewalk, Rem	2040055	420.000	Syd
0040	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0060	Aggregate Base, LM	3020002	50.000	Cyd
0070	Aggregate Base, Conditioning	3020051	27.000	Sta
0080	Maintenance Gravel, LM	3060021	60.000	Cyd
0090	Dr Structure Cover, Type B	4030010	1.000	Ea
0100	Dr Structure Cover, Type K	4030050	1.000	Ea
0110	Dr Structure Cover, Type Q	4030065	1.000	Ea
0120	Dr Structure, Temp Lowering	4030390	17.000	Ea
0130	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	21.000	Ea
0140	HMA Surface, Rem	5010005	11,300.000	Syd
0150	HMA, LVSP	5010703	2,830.000	Ton
0160	Curb and Gutter, Conc, Det F4	8020038	441.000	Ft
0170	Curb Ramp Opening, Conc	8030030	278.000	Ft
0180	Sidewalk Ramp, Conc, 6 inch	8030036	2,450.000	Sft
0190	Sidewalk, Conc, 4 inch	8030044	965.000	Sft
0200	_ Detectable Warning Surface, Modified	8037001	135.000	Ft
0210	Post, Mailbox	8070095	1.000	Ea
0220	Post, Steel, 3 lb	8100371	28.000	Ft
0230	Sign, Type III, Rem	8100403	2.000	Ea
0240	Sign, Type IIIA	8100404	19.000	Sft
0250	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	730.000	Ft
0260	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	78.000	Ft
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	124.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,300.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,300.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	700.000	Ft
0320	Rem Spec Mrkg	8110343	200.000	Sft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0350	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0410	Sign Cover	8120310	1.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0470	_ Slope Restoration	8167011	350.000	Syd
0480	Gate Box, Adj, Temp, Case 1	8230391	16.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 024

Letting Date: January 8, 2021

Contract ID: 64000-206367

Description: 2.00 mi of hot mix asphalt base crushing, shaping, and resurfacing, shoulder aggregate, guardrail and pavement markings on 192nd Avenue from Skeels Road north to McKinley Road, Oceana County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206367A	21A0039	N/A	STL 64000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$58,300.00	1500001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0060	Guardrail, Rem	2040035	200.000	Ft
0070	Embankment, CIP	2050010	250.000	Cyd
0080	Excavation, Earth	2050016	1,000.000	Cyd
0090	Erosion Control, Silt Fence	2080036	500.000	Ft
0100	Subbase, CIP	3010002	860.000	Cyd
0110	Aggregate Base, 8 inch	3020020	2,490.000	Syd
0120	HMA Base Crushing and Shaping	3050002	25,775.000	Syd
0130	Maintenance Gravel, LM	3060021	200.000	Cyd
0140	Approach, CI I, 6 inch	3070008	100.000	Syd
0150	Approach, CI II, 6 inch	3070028	715.000	Syd
0160	_ Shoulder, CI III, 3 inch, Modified	3077011	2,155.000	Syd
0170	Culv End Sect, Metal, 24 inch	4010098	2.000	Ea
0180	Culv, CI A, 24 inch	4010134	55.000	Ft
0190	Underdrain, Subgrade, 6 inch	4040073	400.000	Ft
0200	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0210	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0220	HMA Surface, Rem	5010005	2,470.000	Syd
0230	HMA, 13A	5010033	5,130.000	Ton
0240	HMA Approach	5010061	5.000	Ton
0250	Driveway, Nonreinf Conc, 6 inch	8010005	85.000	Syd
0260	Guardrail Approach Terminal, Type 1T	8070041	4.000	Ea
0270	Post, Mailbox	8070095	5.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,710.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,350.000	Ft
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0400	Riprap, Plain	8130010	5.000	Syd
0410	Mulch Blanket	8160027	500.000	Syd
0420	_ Surface Restoration	8167011	2,000.000	Syd
0430	Monument Box	8210001	1.000	Ea
0440	Monument Preservation	8210010	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 025

Letting Date: January 8, 2021

Contract ID: 76000-209444

Description: 0.50 mi of hot mix asphalt reconstruction, concrete curb, gutter and sidewalk ramps, storm sewer, signing and pavement markings on Gould Street from Oliver Street to Moore Street in the city of Owosso, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209444A	21A0058	N/A	STUL 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$107,200.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	24.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	2,013.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	43.000	Ft
0060	Curb and Gutter, Rem	2040020	2,758.000	Ft
0070	Pavt, Rem	2040050	394.000	Syd
0080	Sidewalk, Rem	2040055	436.000	Syd
0090	Embankment, CIP	2050010	128.000	Cyd
0100	Excavation, Earth	2050016	2,355.000	Cyd
0110	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	21.000	Ea
0140	Subbase, CIP	3010002	107.000	Cyd
0150	_ Aggregate Base, 8 inch, Modified	3027011	10,939.000	Syd
0160	Maintenance Gravel	3060020	300.000	Ton
0170	Approach, CI II, LM	3070023	20.000	Cyd
0180	_ Geotextile, Separator, Modified	3087011	9,952.000	Syd
0190	_ Sewer, SDR-26, 10 inch, Tr Det B, Modified	4027001	415.000	Ft
0200	_ Sewer, SDR-26, 12 inch, Tr Det B, Modified	4027001	357.000	Ft
0210	_ Sewer, SDR-26, 15 inch, Tr Det B, Modified	4027001	627.000	Ft
0220	_ Sewer, SDR-26, 18 inch, Tr Det B, Modified	4027001	513.000	Ft
0230	_ Sewer, SDR-26, 24 inch, Tr Det B, Modified	4027001	42.000	Ft
0240	_ Sewer, SDR-26, 4 inch, Tr Det B, Modified	4027001	16.000	Ft
0250	_ Sewer, SDR-26, 6 inch, Tr Det B, Modified	4027001	26.000	Ft
0260	_ Abandoned Gas Main, Conflict	4027050	10.000	Ea
0270	_ Sanitary Service, Conflict	4027050	5.000	Ea

0280	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0290	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0300	Dr Structure, Tap, 4 inch	4030304	9.000	Ea
0310	Dr Structure, Tap, 10 inch	4030310	10.000	Ea
0320	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0330	Dr Structure, Temp Lowering	4030390	7.000	Ea
0340	_ Dr Structure Collar, Modified	4037050	14.000	Ea
0350	_ Dr Structure Cover, EJ 1040 w/ Solid Gasket Sealed Cover	4037050	7.000	Ea
0360	_ Dr Structure Cover, EJ 1040 w/ Vented Cover	4037050	7.000	Ea
0370	_ Dr Structure Cover, EJ 7000	4037050	17.000	Ea
0380	_ Dr Structure, 36 inch dia, Modified	4037050	15.000	Ea
0390	_ Dr Structure, 48 inch dia, Modified	4037050	8.000	Ea
0400	_ Dr Structure, 72 inch dia, Modified	4037050	1.000	Ea
0410	HMA Surface, Rem	5010005	9,960.000	Syd
0420	Hand Patching	5010025	14.000	Ton
0430	HMA, 3E3	5010045	1,699.000	Ton
0440	HMA, 4E3	5010051	1,132.000	Ton
0450	HMA, 5E3	5010057	849.000	Ton
0460	HMA Approach	5010061	224.000	Ton
0470	Cement	6030005	2.000	Ton
0480	Driveway, Nonreinf Conc, 6 inch	8010005	376.000	Syd
0490	Driveway, Nonreinf Conc, 7 inch	8010006	26.000	Syd
0500	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,762.000	Ft
0510	Curb Ramp Opening, Conc	8030030	70.000	Ft
0520	Sidewalk Ramp, Conc, 4 inch	8030034	899.000	Sft
0530	Sidewalk Ramp, Conc, 7 inch	8030037	656.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	1,194.000	Sft
0550	Sidewalk, Conc, 6 inch	8030046	1,752.000	Sft
0560	Sidewalk, Conc, 7 inch	8030047	210.000	Sft
0570	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0580	Post, Mailbox	8070095	5.000	Ea
0590	Post, Steel, 3 lb	8100371	182.000	Ft
0600	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0610	Sign, Type III, Rem	8100403	21.000	Ea
0620	Sign, Type IIIB	8100405	30.000	Sft
0630	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	271.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	83.000	Ft
0650	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	4,725.000	Ft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0680	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0690	Minor Traf Devices	8120170	1.000	LSUM
0700	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea

0710	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0720	Sign, Type B, Temp, Prismatic, Furn	8120350	353.000	Sft
0730	Sign, Type B, Temp, Prismatic, Oper	8120351	353.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	_ Turf Establishment, Performance	8167011	865.000	Syd
0760	Monument Box	8210001	1.000	Ea
0770	Monument Preservation	8210010	1.000	Ea
0780	Gate Box, Adj, Temp, Case 1	8230391	9.000	Ea



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 026**Letting Date:** January 8, 2021**Contract ID:** 39000-210388**Description:** Sign installation, steel sign posts and reflective post sheeting on various routes, Kalamazoo County.
This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210388A	21A0034	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,400.00	1500001	1.000	LSUM
0020	Post, Steel, 3 lb	8100371	13,811.000	Ft
0030	Sign, Type IB	8100393	630.000	Sft
0040	Sign, Type IIB	8100399	630.000	Sft
0050	Sign, Type III, Rem	8100403	837.000	Ea
0060	Sign, Type IIIA	8100404	7,533.000	Sft
0070	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1,116.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	125.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	125.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 210108 027

Letting Date: January 8, 2021

Contract ID: 13000-206799

Description: 2.52 mi of hot mix asphalt cold milling and resurfacing, signing and pavement markings on O Drive North from M-37 to North Avenue, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206799A	21A0074	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,200.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	200.000	Syd
0030	_ Machine Grading, Modified	2057002	238.000	Sta
0040	Approach, CI I	3070001	50.000	Ton
0050	Dr Structure Cover, Adj, Case 1, Modified	4030004	15.000	Ea
0060	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0070	Dr Structure, Temp Lowering	4030390	4.000	Ea
0080	Cold Milling HMA Surface	5010002	44,250.000	Syd
0090	Pavt for Butt Joints, Rem	5010008	2,900.000	Syd
0100	HMA, 4E3	5010051	3,250.000	Ton
0110	HMA, 5E3	5010057	4,950.000	Ton
0120	HMA, 4E3, High Stress	5010509	750.000	Ton
0130	HMA, 5E3, High Stress	5010515	900.000	Ton
0140	Post, Steel, 3 lb	8100371	728.000	Ft
0150	Sign, Type III, Rem	8100403	25.000	Ea
0160	Sign, Type IIIA	8100404	81.000	Sft
0170	Sign, Type IIIB	8100405	199.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	74.000	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	2.000	Ea
0210	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	500.000	Ft
0220	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	28,000.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	24,500.000	Ft
0240	Recessing Pavt Mrkg, Transv	8110451	604.000	Sft
0250	Barricade, Type III, High Intensity, Lighted, Furn	8120022	8.000	Ea
0260	Barricade, Type III, High Intensity, Lighted, Oper	8120023	8.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea

0290	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Sign Cover	8120310	24.000	Ea
0330	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0340	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,050.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,050.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Type B	8160101	8,000.000	Syd
0390	Monument Box Adjust	8210005	5.000	Ea
0400	Gate Box, Adj, Case 1	8230431	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 028

Letting Date: January 8, 2021

Contract ID: 60000-205337

Description: 1.14 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, aggregate base, signing and pavement markings on County Road 612 from Eagle Point Drive to east of Meridian Line Road, Montmorency County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205337A	21A0072	N/A	STL 60000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$44,000.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Pavt, Rem	2040050	45.000	Syd
0040	Erosion Control, Silt Fence	2080036	2,100.000	Ft
0050	_ Aggregate Base, Modified	3027031	3,075.000	Ton
0060	HMA Base Crushing and Shaping	3050002	19,735.000	Syd
0070	Maintenance Gravel	3060020	70.000	Ton
0080	_ Trenching, Modified	3077002	105.000	Sta
0090	_ Approach, CI I, Modified	3077031	100.000	Ton
0100	_ Approach, CI II, Modified	3077031	375.000	Ton
0110	_ Shoulder, CI II, Modified	3077031	400.000	Ton
0120	Culv End Sect, 18 inch	4010018	2.000	Ea
0130	Culv, CI E, 18 inch	4010541	46.000	Ft
0140	Cold Milling HMA Surface	5010002	3,851.000	Syd
0150	HMA Surface, Rem	5010005	126.000	Syd
0160	Pavt for Butt Joints, Rem	5010008	489.000	Syd
0170	Hand Patching	5010025	20.000	Ton
0180	HMA, 4E1	5010050	1,500.000	Ton
0190	HMA, 5E1	5010056	1,800.000	Ton
0200	HMA Approach	5010061	162.000	Ton
0210	Post, Mailbox	8070095	36.000	Ea
0220	Post, Steel, 3 lb	8100371	945.000	Ft
0230	Post, Wood, 4 inch by 6 inch	8100380	45.000	Ft
0240	Sign, Type III, Rem	8100403	36.000	Ea
0250	Sign, Type IIIB	8100405	261.000	Sft
0260	_ Sign, Type IIIA, Modified	8107010	53.000	Sft
0270	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	11,183.000	Ft

0280	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	12,044.000	Ft
0290	Pavt Mrkg, Regular Dry, 2nd Application, 4 inch, Yellow	8110134	11,183.000	Ft
0300	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	12,044.000	Ft
0310	Recessing Pavt Mrkg, Longit	8110450	23,227.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,928.000	Ft
0400	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0410	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	566.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	566.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0450	_ Slope Restoration, Type A, Modified	8167011	2,372.000	Syd
0460	Monument Box	8210001	2.000	Ea
0470	Monument Preservation	8210010	2.000	Ea



12/11/2020 9:51 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 029**Letting Date:** January 8, 2021**Contract ID:** 17071-209661-2

Description: Epoxy overlay, deck patching, joint and bearing replacement, substructure patching, zone painting and guardrail work on M-129 over the Munuscong River, Mackinac and Chippewa Counties. This project includes a 5 year performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209661A	N/A	N/A	M 17071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$189,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	103.000	Ft
0030	Guardrail, Rem	2040035	370.000	Ft
0040	Embankment, CIP	2050010	164.000	Cyd
0050	Excavation, Earth	2050016	365.000	Cyd
0060	Erosion Control, Silt Fence	2080036	740.000	Ft
0070	Aggregate Base	3020001	210.000	Ton
0080	Maintenance Gravel	3060020	50.000	Ton
0090	Shoulder, CI II	3070121	10.000	Ton
0100	HMA Surface, Rem	5010005	241.000	Syd
0110	Joint, Expansion, E3	6020208	64.000	Ft
0120	Conc Pavt, Bridge Approach, Reinf	6020600	234.000	Syd
0130	Lane Tie, Epoxy Anchored	6030030	78.000	Ea
0140	Curb and Gutter, Bridge Approach	8020010	140.000	Ft
0150	Guardrail, Type B	8070000	63.000	Ft
0160	Guardrail, Type MGS-8	8070004	113.000	Ft
0170	Guardrail, Curved, Type B	8070010	26.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0190	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0200	Guardrail Reflector	8070080	26.000	Ea
0210	Post, Mailbox	8070095	4.000	Ea
0220	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0230	Guardrail Anch, Bridge, Det M3	8070132	2.000	Ea
0240	Fence, Protective	8080007	500.000	Ft
0250	Fdn, Wood Support, Rem	8100280	1.000	Ea
0260	Post, Steel, 3 lb	8100371	44.000	Ft
0270	Post, Wood, 4 inch by 6 inch	8100380	12.000	Ft

0280	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0290	Sign, Type III, Rem	8100403	5.000	Ea
0300	Sign, Type IIIB	8100405	12.000	Sft
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	550.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,000.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	550.000	Ft
0350	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0360	Barricade, Type III, High Intensity, Lighted, Furn	8120022	3.000	Ea
0370	Barricade, Type III, High Intensity, Lighted, Oper	8120023	3.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	55.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	55.000	Ea
0400	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
0410	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
0420	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	6.000	Ea
0430	Conc Barrier Reflector Replacement	8120070	20.000	Ea
0440	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	20.000	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	Mobile Attenuator	8120180	2.000	Ea
0490	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,200.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0510	Plastic Drum, Fluorescent, Furn	8120252	27.000	Ea
0520	Plastic Drum, Fluorescent, Oper	8120253	27.000	Ea
0530	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	88.000	Ft
0540	PTS System, Temp, Furn	8120270	1.000	Ea
0550	PTS System, Temp, Oper	8120271	1.000	Ea
0560	Sign, Type A, Temp, Prismatic, Furn	8120340	21.000	Sft
0570	Sign, Type A, Temp, Prismatic, Oper	8120341	21.000	Sft
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0590	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0610	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	910.000	Ft
0620	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	910.000	Ft
0630	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	700.000	Ft
0640	Conc Barrier, Temp, Limited Deflection, Det 1, Relocated	8121003	2,030.000	Ft
0650	Riprap, Plain	8130010	48.000	Syd
0660	Slope Restoration, Type B	8160101	365.000	Syd
0670	Contractor Staking	8240001	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr

0700	Staking Plan Errors and Extras, Three Person	8240022	9.000	Hr
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Section: 2

0710	Structures, Rem Portions (B01 of 17071)	2040061	1.000	LSUM
0720	Erosion Control, Turbidity Curtain, Shallow	2080044	85.000	Ft
0730	Conc, Grade D	7060010	48.000	Cyd
0740	Expansion Joint Device	7060050	376.000	Ft
0750	False Decking	7060060	7,480.000	Sft
0760	Reinforcement, Steel, Epoxy Coated	7060092	8,102.000	Lb
0770	Substructure Horizontal Surface Sealer (B01 of 17071)	7100030	163.000	Syd
0780	Hand Chipping, Shallow	7120003	84.000	Syd
0790	Hand Chipping, Deep	7120004	8.000	Syd
0800	Hand Chipping, Other Than Deck	7120007	414.000	Cft
0810	Patch, Forming	7120017	1,242.000	Sft
0820	Epoxy Ovly, Warranty	7120022	2,405.000	Syd
0830	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	20.000	Ea
0840	Bolt, Adhesive Anchored, 3/4 inch	7120042	32.000	Ea
0850	Deck Joint, Rem	7120071	384.000	Ft
0860	Reinforcement, Mechanical Splice	7120084	160.000	Ea
0870	Masonry Plate, Grout	7120090	16.000	Ea
0880	Patching Conc, C-L	7120112	20.000	Cyd
0890	Embedded Galvanic Anode	7120120	886.000	Ea
0900	_ Hand Chipping, Full Depth	7127020	50.000	Cft
0910	Beam Plate, Seal Perimeter	7130010	1,094.000	Ft
0920	Stiffeners, Furn, Fab, and Erect	7130060	108.000	Lb
0930	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,006.000	Lb
0940	Support, Column, Temp	7130080	15.000	Ea
0950	Steel Structure, Cleaning, Partial, Type 4 (B01 of 17071)	7150047	1.000	LSUM
0960	Steel Structure, Coating, Partial, Type 4 (B01 of 17071)	7150048	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 210108 030

Letting Date: January 8, 2021

Contract ID: 39082-129068

Description: 1.57 mi of add left turn lanes, intersection realignment and construction of a roundabout includes concrete curb, gutter, sidewalk and ramps, sewer, signing and pavement markings on M-343 at G Avenue, 27th Street and 28th Street, Kalamazoo County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
129068A	21A0147	N/A	CM 59092
129071A	21A0148	N/A	HSIP 38092

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$452,800.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.390	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	20.000	Ea
0040	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	18.000	Ea
0060	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0070	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0080	Culv, Rem, Less than 24 inch	2030001	60.000	Ea
0090	Dr Structure, Rem	2030011	4.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	32.000	Ft
0110	_ Monitoring Well, Abandon	2037050	1.000	Ea
0120	Curb and Gutter, Rem	2040020	2,620.000	Ft
0130	Fence, Rem	2040025	2,915.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0150	Pavt, Rem	2040050	231.000	Syd
0160	Sidewalk, Rem	2040055	80.000	Syd
0170	Embankment, CIP	2050010	13,111.000	Cyd
0180	Excavation, Earth	2050016	68,636.000	Cyd
0190	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0200	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0210	Obliterate Old Road	2070001	24.000	Sta
0220	Erosion Control, Check Dam, Stone	2080012	694.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	54.000	Ea
0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	8.000	Ea

0260	Erosion Control, Maintenance, Sediment Removal	2080026	60.000	Cyd
0270	Erosion Control, Sediment Basin	2080032	33.000	Cyd
0280	Erosion Control, Sediment Trap	2080034	49.000	Ea
0290	Erosion Control, Silt Fence	2080036	4,270.000	Ft
0300	Subbase, CIP	3010002	23,073.000	Cyd
0310	Aggregate Base, 6 inch	3020016	33,541.000	Syd
0320	Aggregate Base, 9 inch	3020022	7,481.000	Syd
0330	Maintenance Gravel	3060020	50.000	Ton
0340	Shoulder, CI II, 3 inch	3070125	1,641.000	Syd
0350	Shoulder, CI II, 4 inch	3070126	1,917.000	Syd
0360	Shoulder, CI II, 4 inch, Temp	3070181	1,050.000	Syd
0370	Culv End Sect, 12 inch	4010012	7.000	Ea
0380	Culv End Sect, 18 inch	4010018	4.000	Ea
0390	Culv, CI A, 18 inch	4010133	140.000	Ft
0400	Culv, CI A, 36 inch	4010136	58.000	Ft
0410	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0420	Dr Marker Post	4011109	2.000	Ea
0430	Sewer, CI A, 18 inch, Tr Det A	4020006	50.000	Ft
0440	Sewer, CI A, 12 inch, Tr Det B	4020033	1,551.000	Ft
0450	Sewer, CI A, 18 inch, Tr Det B	4020035	311.000	Ft
0460	Sewer, CI B, 12 inch, Tr Det A	4020153	64.000	Ft
0470	Sewer, CI E, 12 inch, Tr Det B	4020600	161.000	Ft
0480	Video Taping Sewer and Culv Pipe	4021275	2,230.000	Ft
0490	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0500	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0510	Dr Structure Cover, Type B	4030010	8.000	Ea
0520	Dr Structure Cover, Type D	4030025	1.000	Ea
0530	Dr Structure Cover, Type E	4030035	1.000	Ea
0540	Dr Structure Cover, Type J	4030045	22.000	Ea
0550	Dr Structure Cover, Type K	4030050	3.000	Ea
0560	Dr Structure Cover, Type Q	4030065	1.000	Ea
0570	Dr Structure, 24 inch dia	4030200	9.000	Ea
0580	Dr Structure, 48 inch dia	4030210	25.000	Ea
0590	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	33.000	Ft
0600	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	1.000	Ft
0610	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0620	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0630	Dr Structure, Temp Lowering	4030390	1.000	Ea
0640	Cold Milling HMA Surface	5010002	4,275.000	Syd
0650	HMA Surface, Rem	5010005	36,498.000	Syd
0660	HMA Quality Initiative	5010007	25,480.000	Dlr
0670	Longitudinal Joint Density Quality Initiative	5010018	48,350.000	Dlr
0680	Hand Patching	5010025	10.000	Ton

0690	HMA, 3E3	5010045	3,185.000	Ton
0700	HMA Approach	5010061	725.000	Ton
0710	HMA, 4E3, High Stress	5010509	2,357.000	Ton
0720	HMA, 5E3, High Stress	5010515	1,530.000	Ton
0730	HMA, LVSP	5010703	3,662.000	Ton
0740	HMA, Temp Pavt (LVSP)	5020807	820.000	Ton
0750	Conc Quality Initiative	6020401	190.000	Dlr
0760	_ Conc Pavt, Decorative, Nonreinf, 9 inch	6027011	390.000	Syd
0770	Driveway, Nonreinf Conc, 7 inch	8010006	66.000	Syd
0780	Curb, Conc, Det E1	8020001	251.000	Ft
0790	Curb and Gutter, Conc, Det B2	8020016	4,184.000	Ft
0800	Curb and Gutter, Conc, Det F4	8020038	179.000	Ft
0810	Driveway Opening, Conc, Det M	8020050	241.000	Ft
0820	Shoulder Gutter, Conc, Det 1	8020055	2.000	Ea
0830	Shoulder Gutter, Conc, Det 2	8020056	5.000	Ea
0840	Spillway, Conc	8020075	124.000	Ft
0850	_ Curb and Gutter, Conc, Det B2, Modified	8027001	608.000	Ft
0860	_ Curb and Gutter, Conc, Det D2, Modified	8027001	330.000	Ft
0870	_ Curb and Gutter, Conc, Det F4, Modified	8027001	690.000	Ft
0880	Detectable Warning Surface	8030010	120.000	Ft
0890	Curb Ramp Opening, Conc	8030030	125.000	Ft
0900	Sidewalk Ramp, Conc, 6 inch	8030036	2,180.000	Sft
0910	Sidewalk, Conc, 4 inch	8030044	798.000	Sft
0920	_ Sidewalk, Conc, 4 inch, Decorative	8037010	2,380.000	Sft
0930	_ Sidewalk, Conc, 9 inch, Decorative	8037010	1,160.000	Sft
0940	Post, Mailbox	8070095	2.000	Ea
0950	Fence, Protective	8080007	1,095.000	Ft
0960	Fence, Chain Link, 72 inch	8080013	1,093.000	Ft
0970	Delineator Reflector, Green	8100133	19.000	Ea
0980	Delineator Reflector, White	8100134	10.000	Ea
0990	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	2.000	Ea
1000	Perforated Steel Square Tube Breakaway System	8100330	10.000	Ea
1010	Delineator, Rem	8100349	7.000	Ea
1020	Post, Flexible, Delineator	8100360	2.000	Ea
1030	Post, Rigid, Delineator	8100361	29.000	Ea
1040	Post, Steel, 3 lb	8100371	1,481.000	Ft
1050	Post, Wood, 4 inch by 6 inch	8100380	54.000	Ft
1060	Post, Wood, 6 inch by 8 inch	8100382	190.000	Ft
1070	Sign, Type I, Erect, Salv	8100390	1.000	Ea
1080	Sign, Type I, Rem	8100391	1.000	Ea
1090	Sign, Type IA	8100392	157.000	Sft
1100	Sign, Type II, Rem	8100397	7.000	Ea
1110	Sign, Type IIA	8100398	35.000	Sft
1120	Sign, Type IIB	8100399	64.000	Sft

1130	Sign, Type III, Erect, Salv	8100402	9.000	Ea
1140	Sign, Type III, Rem	8100403	40.000	Ea
1150	Sign, Type IIIA	8100404	95.000	Sft
1160	Sign, Type IIIB	8100405	519.000	Sft
1170	Reflective Panel for Permanent Sign Support, 6 foot	8100616	33.000	Ea
1180	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	261.000	Ft
1190	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
1200	Pavt Mrkg, Waterborne, 4 inch, White	8110231	370.000	Ft
1210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,809.000	Ft
1220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	11,606.000	Ft
1230	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,161.000	Ft
1240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,930.000	Ft
1250	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	10,249.000	Ft
1260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	11,606.000	Ft
1270	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,161.000	Ft
1280	Recessing Pavt Mrkg, Longit	8110450	10,380.000	Ft
1290	Recessing Pavt Mrkg, Transv	8110451	1,849.000	Sft
1300	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 12 inch, White	8117001	127.000	Ft
1310	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 4 inch, White	8117001	3,910.000	Ft
1320	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 4 inch, Yellow	8117001	3,037.000	Ft
1330	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, White	8117001	3,558.000	Ft
1340	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, Yellow	8117001	2,645.000	Ft
1350	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Cross Hatching, White	8117001	174.000	Ft
1360	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Cross Hatching, Yellow	8117001	633.000	Ft
1370	_ Pavt Mrkg, Methyl Methacrylate, 12 inch, Crosswalk	8117001	270.000	Ft
1380	_ Pavt Mrkg, Methyl Methacrylate, Lt Turn Arrow Sym	8117050	3.000	Ea
1390	_ Pavt Mrkg, Methyl Methacrylate, Only	8117050	6.000	Ea
1400	_ Pavt Mrkg, Methyl Methacrylate, Rt Turn Arrow Sym	8117050	3.000	Ea
1410	_ Pavt Mrkg, Methyl Methacrylate, Thru and Lt Roundabout Arrow Sym	8117050	3.000	Ea
1420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	46.000	Ea
1430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	46.000	Ea
1440	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
1450	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1460	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1470	Minor Traf Devices	8120170	1.000	LSUM
1480	Mobile Attenuator	8120180	1.000	Ea
1490	Pavt Mrkg Cover, Type R, Black	8120200	875.000	Ft
1500	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	4,375.000	Ft
1510	Plastic Drum, Fluorescent, Furn	8120252	378.000	Ea

1520	Plastic Drum, Fluorescent, Oper	8120253	378.000	Ea
1530	Sign Cover	8120310	10.000	Ea
1540	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
1550	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
1560	Sign, Type B, Temp, Prismatic, Furn	8120350	1,464.000	Sft
1570	Sign, Type B, Temp, Prismatic, Oper	8120351	1,464.000	Sft
1580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	540.000	Sft
1590	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	540.000	Sft
1600	Traf Regulator Control	8120370	1.000	LSUM
1610	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	10,690.000	Ft
1620	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	6,807.000	Ft
1630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	7,377.000	Ft
1640	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	5,704.000	Ft
1650	Riprap, Plain	8130010	95.000	Syd
1660	Ditch, Plain Cobble	8140005	610.000	Syd
1670	Site Preparation, Max \$9,800.00	8150001	1.000	LSUM
1680	Watering and Cultivating, First Season, Min \$4,900.00	8150002	1.000	LSUM
1690	Watering and Cultivating, Second Season, Min \$6,050.00	8150003	1.000	LSUM
1700	Acer saccharum, 2 inch	8150192	9.000	Ea
1710	Pinus heldreichii, 4 foot	8152814	38.000	Ea
1720	Pinus nigra, 4 foot	8152841	50.000	Ea
1730	Pyrus calleryana Bradford, 2 inch	8153012	6.000	Ea
1740	_ Compacted Soil Restoration	8167011	2,455.000	Syd
1750	_ Turf Establishment, Performance	8167011	71,989.000	Syd
1760	Cable Pole, TS, Dismant	8190010	1.000	Ea
1770	Conduit, Rem	8190140	130.000	Ft
1780	Conduit, Schedule 80 PVC, 3 inch	8190159	2,121.000	Ft
1790	DB Cable, in Conduit, 600V, 1/C#6	8190211	5,480.000	Ft
1800	Cable, Equipment Grounding Wire, 1/C#8	8190237	2,121.000	Ft
1810	Hh, Rem	8190254	4.000	Ea
1820	Hh, Round	8190260	21.000	Ea
1830	Light Std Arm, 15 foot	8190269	17.000	Ea
1840	Light Std Fdn	8190279	17.000	Ea
1850	Light Std, Frangible Transformer Base	8190281	17.000	Ea
1860	Light Std Shaft, 31 foot to 40 foot	8190286	17.000	Ea
1870	Wood Pole, Rem	8190505	1.000	Ea
1880	_ Lighting Control Panel	8197050	1.000	Ea
1890	_ Luminaire, Roadway	8197050	17.000	Ea
1900	_ Utility, Elec	8197060	1,000.000	Dlr
1910	Case Sign, Rem	8200020	2.000	Ea
1920	Controller and Cabinet, Rem	8200030	1.000	Ea
1930	Pedestal Fdn, Rem	8200106	2.000	Ea

1940	Pedestal, Rem	8200110	2.000	Ea
1950	Serv Disconnect, Rem	8200136	1.000	Ea
1960	Span Wire, Rem	8200141	1.000	Ea
1970	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1980	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
1990	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
2000	Wireless Vehicle Sensor Node, Rem	8200426	4.000	Ea
2010	Monument Box	8210001	1.000	Ea
2020	Monument Preservation	8210010	5.000	Ea
2030	Water Main, DI, 12 inch, Tr Det G	8230166	228.000	Ft
2040	Water Main, DI, 16 inch, Tr Det G	8230171	114.000	Ft
2050	Gate Box, Adj, Case 1	8230431	2.000	Ea
2060	_ Water Main Insertion Valve, 12 inch	8237050	3.000	Ea
2070	_ Water Main Insertion Valve, 16 inch	8237050	1.000	Ea
2080	Contractor Staking, Road Only	8240007	1.000	LSUM
2090	Staking Plan Errors and Extras, One Person	8240020	38.000	Hr
2100	Staking Plan Errors and Extras, Two Person	8240021	15.000	Hr
2110	Staking Plan Errors and Extras, Three Person	8240022	23.000	Hr



12/11/2020 9:51 AM

AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 031**Letting Date:** January 8, 2021**Contract ID:** 03021-128067

Description: 1.18 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 joint repairs, sidewalk ramps, drainage and pavement markings on M-89 from 58th Street to New Richmond Road (56th Street) in the city of Fennville, Allegan County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
128067A	21A0149	N/A	ST 03021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$90,800.00	1500001	1.000	LSUM
0030	Sewer, Rem, Less than 24 inch	2030015	63.000	Ft
0040	_ Monitoring Well, Adjust	2037050	15.000	Ea
0050	Curb and Gutter, Rem	2040020	2,397.000	Ft
0060	Pavt, Rem	2040050	434.000	Syd
0070	Sidewalk, Rem	2040055	469.000	Syd
0080	_ Rem Misc Site Items	2047051	1.000	LSUM
0090	Granular Material, CI III	2050024	1.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	150.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0140	Erosion Control, Maintenance, Sediment Removal	2080026	2.000	Cyd
0150	Erosion Control, Silt Fence	2080036	850.000	Ft
0160	Subbase, CIP	3010002	4.000	Cyd
0170	Aggregate Base, 6 inch	3020016	623.000	Syd
0180	Aggregate Base, 8 inch	3020020	11.000	Syd
0190	Maintenance Gravel	3060020	30.000	Ton
0200	Shoulder, CI II	3070121	3.000	Ton
0210	Sewer, CI A, 12 inch, Tr Det D	4020093	36.000	Ft
0220	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0230	Trench Undercut and Backfill	4021260	20.000	Cyd
0240	Video Taping Sewer and Culv Pipe	4021275	36.000	Ft
0250	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0260	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0270	Dr Structure Cover, Type B	4030010	4.000	Ea

0280	Dr Structure Cover, Type C	4030015	3.000	Ea
0290	Dr Structure, 24 inch dia	4030200	1.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0310	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0320	Dr Structure, Temp Lowering	4030390	34.000	Ea
0330	Cold Milling HMA Surface	5010002	16,937.000	Syd
0340	Bump Grinding	5010004	100.000	Syd
0350	HMA Surface, Rem	5010005	5,848.000	Syd
0360	HMA Quality Initiative	5010007	9,364.000	Dlr
0370	Longitudinal Joint Density Quality Initiative	5010018	16,905.000	Dlr
0380	Pavt Joint and Crack Repr, Det 7	5010020	250.000	Ft
0390	Pavt Joint and Crack Repr, Det 8	5010021	250.000	Ft
0400	Hand Patching	5010025	92.000	Ton
0410	HMA Approach	5010061	428.000	Ton
0420	HMA, 4E1, High Stress	5010508	2,347.000	Ton
0430	HMA, 5E1, High Stress	5010514	1,815.000	Ton
0440	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	34.000	Syd
0450	Cold Milling Conc Pavt	6030014	5,707.000	Syd
0460	_ Pedestrian Path, Temp	8007001	100.000	Ft
0470	_ Sanitary Sewer Lateral, PVC, 6 inch, Tr Det B	8007001	60.000	Ft
0480	_ Sanitary Sewer, PVC, 8 inch, Tr Det B	8007001	288.000	Ft
0490	_ Pedestrian Ramp, Temp	8007050	9.000	Ea
0500	_ Sanitary Structure Cover, Type Q	8007050	2.000	Ea
0510	_ Sanitary Structure, 48 inch Dia	8007050	2.000	Ea
0520	_ Sanitary Structure, Rem	8007050	2.000	Ea
0530	Driveway, Nonreinf Conc, 6 inch	8010005	78.000	Syd
0540	Curb and Gutter, Conc, Det F2	8020036	306.000	Ft
0550	Detectable Warning Surface	8030010	133.000	Ft
0560	Curb Ramp Opening, Conc	8030030	130.000	Ft
0570	Sidewalk Ramp, Conc, 4 inch	8030034	1,098.000	Sft
0580	Sidewalk Ramp, Conc, 6 inch	8030036	150.000	Sft
0590	Sidewalk, Conc, 4 inch	8030044	544.000	Sft
0600	Sidewalk, Clay Brick Pavers	8030050	73.000	Sft
0610	Sidewalk, Clay Brick Pavers, Rem	8030051	242.000	Sft
0620	_ Sidewalk, Brick Pavers, Install Salv, Type II	8037010	242.000	Sft
0630	Curb Sloped, HMA	8050010	2,198.000	Ft
0640	Post, Steel, 3 lb	8100371	112.000	Ft
0650	Sign, Type IIIB	8100405	55.000	Sft
0660	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,958.000	Ft
0670	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	972.000	Ft
0680	Pavt Mrkg, Polyurea, 6 inch, White	8110094	3,914.000	Ft
0690	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	150.000	Ft
0700	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	213.000	Ft
0710	Pavt Mrkg, Preformed Thermoplastic, Accessible Sym	8110204	2.000	Ea
0720	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots,	8110293	76.000	Ft

	4 inch, Blue			
0730	Pavt Mrkg, Waterborne, for Rest Areas, Parks, & Lots, 4 inch, White	8110294	1,128.000	Ft
0740	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0750	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0760	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0770	Recessing Pavt Mrkg, Longit	8110450	7,872.000	Ft
0780	Pavt Mrkg, Modified Urethane, 6 inch, Cross Hatching Yellow	8110535	152.000	Ft
0790	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0800	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0810	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0820	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0830	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0840	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0850	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0860	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0870	Minor Traf Devices	8120170	1.000	LSUM
0880	Plastic Drum, Fluorescent, Furn	8120252	6.000	Ea
0890	Plastic Drum, Fluorescent, Oper	8120253	6.000	Ea
0900	Sign Cover	8120310	60.000	Ea
0910	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0920	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0930	Sign, Type B, Temp, Prismatic, Furn	8120350	1,600.000	Sft
0940	Sign, Type B, Temp, Prismatic, Oper	8120351	1,600.000	Sft
0950	Traf Regulator Control	8120370	1.000	LSUM
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	100.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	600.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	100.000	Ft
0990	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	600.000	Ft
1000	_ Bench Salv, Reinstall	8157050	1.000	Ea
1010	_ Turf Establishment, Performance	8167011	386.000	Syd
1020	Monument Box	8210001	8.000	Ea
1030	Monument Preservation	8210010	8.000	Ea
1040	Hydrant, Relocate, Case 1	8230095	1.000	Ea
1050	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
1060	Gate Box, Adj, Case 1	8230431	1.000	Ea
1070	Contractor Staking, Road Only	8240007	1.000	LSUM
1080	Staking Plan Errors and Extras, One Person	8240020	8.000	Hr
1090	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
1100	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr
1110	_ Railroad Protection, at Grade Crossing	8507060	7,500.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 210108 032

Letting Date: January 8, 2021

Contract ID: 13000-206684

Description: 1.61 mi of hot mix asphalt crushing, shaping, widening, resurfacing, culverts and pavement markings on Partello Road/H Drive N from 20 Mile Road to 21 Mile Road, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206684A	21A0040	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$77,600.00	1500001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	43.000	Ea
0030	Pavt, Rem	2040050	112.000	Syd
0040	_ Clearing, Modified	2047051	1.000	LSUM
0050	Embankment, CIP	2050010	721.000	Cyd
0060	Excavation, Earth	2050016	1,695.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0080	Erosion Control, Silt Fence	2080036	300.000	Ft
0090	Aggregate Base	3020001	3,544.000	Ton
0100	HMA Base Crushing and Shaping	3050002	22,073.000	Syd
0110	Approach, CI I	3070001	72.000	Ton
0120	Shoulder, CI II	3070121	808.000	Ton
0130	Trenching	3070200	170.000	Sta
0140	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0150	Culv, CI E, Conc, 12 inch	4010573	40.000	Ft
0160	Culv, CI F, 12 inch	4010607	840.000	Ft
0170	HMA Surface, Rem	5010005	445.000	Syd
0180	HMA, 4E1	5010050	3,200.000	Ton
0190	HMA, 5E1	5010056	2,400.000	Ton
0200	Post, Mailbox	8070095	28.000	Ea
0210	Post, Steel, 3 lb	8100371	280.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0230	Sign, Type III, Rem	8100403	19.000	Ea
0240	Sign, Type IIIB	8100405	105.000	Sft
0250	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	17,000.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	17,000.000	Ft
0270	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea

0280	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
0340	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0360	Sign, Type B, Temp, Prismatic, Furn	8120350	326.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	326.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	55.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	55.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	Slope Restoration, Type B	8160101	11,333.000	Syd
0420	Monument Box	8210001	1.000	Ea
0430	Monument Preservation	8210010	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 033

Letting Date: January 8, 2021

Contract ID: 13000-207242

Description: 1.10 mi of fiber reinforced hot mix asphalt surfacing, aggregate shoulder, trenching and permanent pavement marking on Division Drive from Clark Street to the east Calhoun county line, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207242A	21A0062	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,100.00	1500001	1.000	LSUM
0020	Embankment, CIP	2050010	400.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0040	Subbase, CIP	3010002	1,700.000	Cyd
0050	Maintenance Gravel	3060020	40.000	Ton
0060	Approach, CI I	3070001	25.000	Ton
0070	Shoulder, CI I	3070101	1,900.000	Ton
0080	Trenching	3070200	113.000	Sta
0090	Pavt for Butt Joints, Rem	5010008	565.000	Syd
0100	Edge Trimming	5010009	5,000.000	Ft
0110	_ Fiber Modified HMA, 4E1	5017031	1,600.000	Ton
0120	_ Fiber Modified HMA, 5E1	5017031	1,600.000	Ton
0130	Post, Steel, 3 lb	8100371	378.000	Ft
0140	Sign, Type IIA	8100398	10.000	Sft
0150	Sign, Type III, Rem	8100403	12.000	Ea
0160	Sign, Type IIIA	8100404	69.000	Sft
0170	Sign, Type IIIB	8100405	78.000	Sft
0180	Sign, Type V, Rem	8100421	1.000	Ea
0190	Sign, Type VB	8100425	8.000	Sft
0200	Recessing Pavt Mrkg, Longit	8110450	19,000.000	Ft
0210	Pavt Mrkg, Wet Retrflc Sprayable Thermopl, 6 inch, White	8110491	11,500.000	Ft
0220	Pavt Mrkg, Wet Retrflc Sprayable Thermopl, 4 inch, Yellow	8110494	7,500.000	Ft
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0270	Minor Traf Devices	8120170	1.000	LSUM
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	496.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	496.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0310	Slope Restoration, Type B	8160101	4,000.000	Syd



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 034**Letting Date:** January 8, 2021**Contract ID:** 29000-209421**Description:** 1.90 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Luce Road from the south county line north to Skyline Drive, Gratiot County. This is a Local agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209421A	21A0038	N/A	STL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$40,000.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	75.000	Ton
0030	Shoulder, CI II	3070121	1,400.000	Ton
0040	Pavt for Butt Joints, Rem	5010008	450.000	Syd
0050	HMA, 13A	5010033	4,665.000	Ton
0060	HMA Approach	5010061	185.000	Ton
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,128.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,608.000	Ft
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	552.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	552.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0170	Monument Box	8210001	2.000	Ea
0180	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 035

Letting Date: January 8, 2021

Contract ID: 13000-206867

Description: 0.70 mi of hot mix asphalt cold in place recycling, shoulder widening, sign replacement and pavement marking on Capitol Avenue SW (5 Mile Road) from north of B Drive S north to the south city limits of Battle Creek, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206867A	21A0042	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$30,400.00	1500001	1.000	LSUM
0020	_ Machine Grading, Modified	2027002	72.000	Sta
0030	_ Tree Trimming, Modified	2027002	32.000	Sta
0040	Pavt, Rem	2040050	80.000	Syd
0050	Embankment, LM	2050011	600.000	Cyd
0060	Approach, CI I	3070001	90.000	Ton
0070	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0080	HMA, 4E1	5010050	1,561.000	Ton
0090	_ Cold-In-Place Recycling	5017011	10,831.000	Syd
0100	Post, Mailbox	8070095	5.000	Ea
0110	Post, Steel, 3 lb	8100371	126.000	Ft
0120	Sign, Type III, Rem	8100403	14.000	Ea
0130	Sign, Type IIIB	8100405	52.000	Sft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,533.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,560.000	Ft
0160	Barricade, Type III, High Intensity, Lighted, Furn	8120022	6.000	Ea
0170	Barricade, Type III, High Intensity, Lighted, Oper	8120023	6.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	73.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	73.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	Slope Restoration, Type B	8160101	2,800.000	Syd
0290	Monument Box Adjust	8210005	1.000	Ea
0300	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0310	_ Cold-In-Place Emulsified Asphalt	8507022	13,000.000	Gal



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 036**Letting Date:** January 8, 2021**Contract ID:** 50000-206494

Description: 0.60 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, structure adjustment and pavement markings on Ridge Street from the west city limits of Richmond to Main Street in the city of Richmond, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206494A	21A0053	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$20,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	327.000	Ft
0030	Pavt, Rem	2040050	55.000	Syd
0040	Sidewalk, Rem	2040055	90.000	Syd
0050	Erosion Control, Inlet Protection, Sediment Trap	2080024	26.000	Ea
0060	Aggregate Base, 10 inch	3020026	55.000	Syd
0070	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0080	Dr Structure, Adj, Add Depth	4030280	17.000	Ft
0090	Pavt, Cleaning	5010001	1.000	LSUM
0100	Cold Milling HMA Surface	5010002	9,545.000	Syd
0110	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0120	Pavt Joint and Crack Repr, Det 8	5010021	500.000	Ft
0130	Hand Patching	5010025	50.000	Ton
0140	HMA, 5E1	5010056	1,000.000	Ton
0150	Driveway, Nonreinf Conc, 6 inch	8010005	60.000	Syd
0160	Curb and Gutter, Conc, Det F4	8020038	327.000	Ft
0170	Detectable Warning Surface	8030010	70.000	Ft
0180	Curb Ramp Opening, Conc	8030030	70.000	Ft
0190	Sidewalk Ramp, Conc, 6 inch	8030036	552.000	Sft
0200	Sidewalk, Conc, 4 inch	8030044	428.000	Sft
0210	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	80.000	Ft
0220	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	90.000	Ft
0230	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	51.000	Ft
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	190.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	43.000	Ft
0270	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea

0280	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0290	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0300	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0310	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0330	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	344.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	304.000	Sft
0370	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Type A	8160100	100.000	Syd
0390	Water Shutoff, Adj, Case 1	8230421	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 037

Letting Date: January 8, 2021

Contract ID: 76000-208106

Description: Bridge rehabilitation includes replacing the hot mix asphalt wearing surface, thrie beam retrofit, guardrail and approach work on various routes at 3 structures on County Line Road (Sheridan Road) over Jones Creek, Cook Road over Maple River and Reed Road over Holly Drain, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208106A	21A0050	N/A	BO 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$48,600.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	10.000	Sta
0030	Guardrail, Rem	2040035	285.000	Ft
0040	Embankment, CIP	2050010	150.000	Cyd
0050	Excavation, Earth	2050016	333.000	Cyd
0060	Erosion Control, Silt Fence	2080036	1,464.000	Ft
0070	_ Aggregate Base, 6 inch, Modified	3027011	1,715.000	Syd
0080	_ Shoulder, CI II, 3 inch, Modified	3027011	510.000	Syd
0090	Geotextile, Separator	3080005	1,372.000	Syd
0100	HMA Surface, Rem	5010005	1,258.000	Syd
0110	Guardrail, Type MGS-8	8070004	163.000	Ft
0120	Guardrail, Curved, Type MGS-8	8070012	75.000	Ft
0130	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0140	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0150	Guardrail Reflector	8070080	42.000	Ea
0160	Guardrail Anch, Bridge, Det A3	8070150	8.000	Ea
0170	_ Hand Digging Guardrail Post	8077050	2.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea

0260	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea
0270	Sign Cover	8120310	84.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	1,427.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,427.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	53.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	53.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Slope Restoration, Modified	8167011	1,660.000	Syd

Section: 2

0340	_ Guardrail, Rem, Modified	2047001	150.000	Ft
0350	Erosion Control, Turbidity Curtain, Shallow	2080044	400.000	Ft
0360	HMA Approach	5010061	330.000	Ton
0370	_ HMA Surface, Rem, Modified	5017011	595.000	Syd
0380	False Decking	7060060	1,864.000	Sft
0390	Membrane, Preformed Waterproofing	7100008	5,182.000	Sft
0400	Bridge Railing, Thrie Beam Retrofit	7110006	50.000	Ft
0410	_ Bridge Railing, Thrie Beam Retrofit, Modified	7117001	100.000	Ft
0420	_ Grout Repair	7127001	175.000	Ft
0430	_ Riprap, Under Structures, Heavy	8137031	100.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 210108 038

Letting Date: January 8, 2021

Contract ID: 64012-200678

Description: 4.34 mi of hot mix asphalt cold milling and resurfacing, spot concrete curb and gutter repairs and pavement markings on US-31BR from east of Carroll Street to the US-31 northbound off/on ramps.
This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200678A	21A0151	N/A	ST 64012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$141,200.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	120.000	Ft
0030	Embankment, CIP	2050010	10.000	Cyd
0040	Excavation, Earth	2050016	10.000	Cyd
0050	Aggregate Base, 8 inch	3020020	30.000	Syd
0060	Shoulder, CI II	3070121	790.000	Ton
0070	Dr Structure Cover, Adj, Case 1, Modified	4030004	25.000	Ea
0080	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0090	Dr Structure, Temp Lowering	4030390	25.000	Ea
0100	Pavt, Cleaning	5010001	1.000	LSUM
0110	Cold Milling HMA Surface	5010002	122,785.000	Syd
0120	Bump Grinding	5010004	300.000	Syd
0130	HMA Surface, Rem	5010005	14.000	Syd
0140	HMA Quality Initiative	5010007	20,940.000	Dlr
0150	Longitudinal Joint Density Quality Initiative	5010018	88,610.000	Dlr
0160	Hand Patching	5010025	20.000	Ton
0170	HMA Approach	5010061	297.000	Ton
0180	HMA, LVSP	5010703	10,150.000	Ton
0190	Curb and Gutter, Conc, Det F4	8020038	120.000	Ft
0200	_ Conc Pavers, Rem and Salv	8037010	240.000	Sft
0210	_ Reinstall Conc Pavers on Aggregate and Sand Bed	8037010	240.000	Sft
0220	Curb Sloped, HMA	8050010	50.000	Ft
0230	Guardrail, Reconst, Type B	8070105	125.000	Ft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,240.000	Ft
0250	Pavt Mrkg, Polyurea, Wrong Way Arrow Symbol	8110098	2.000	Ea
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	130.000	Ft
0270	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,000.000	Ft

0280	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	44,290.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	49,775.000	Ft
0300	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,600.000	Ft
0310	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,100.000	Ft
0320	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0330	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0340	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0350	Recessing Pavt Mrkg, Transv	8110451	690.000	Sft
0360	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0400	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0410	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0420	Minor Traf Devices	8120170	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,500.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	11,300.000	Ft
0450	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0460	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0470	Sign Cover	8120310	20.000	Ea
0480	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0490	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0500	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0510	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0520	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0540	Traf Regulator Control	8120370	1.000	LSUM
0550	Slope Restoration, Type A	8160100	50.000	Syd
0560	Monument Box Adjust	8210005	3.000	Ea
0570	Shoulder Corrugations, Ground or Cut, HMA	8220001	1,600.000	Ft
0580	Gate Box, Adj, Temp, Case 1	8230391	35.000	Ea
0590	Contractor Staking, Road Only	8240007	1.000	LSUM
0600	Staking Plan Errors and Extras, One Person	8240020	13.000	Hr
0610	Staking Plan Errors and Extras, Two Person	8240021	6.000	Hr
0620	Staking Plan Errors and Extras, Three Person	8240022	8.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 210108 039

Letting Date: January 8, 2021

Contract ID: 24051-210585

Description: 199.69 Lnmi of hot mix asphalt crack treatment on various routes, Antrim, Charlevoix, Emmet, Roscommon, Otsego, Cheboygan and Iosco counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210585A	21A0156	N/A	NH 24051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,000.00	1500001	1.000	LSUM
0020	HMA Crack Treatment, Lane	5020005	65.620	Lnmi
0030	HMA Crack Treatment, Lane, Warranty	5020027	132.520	Lnmi
0040	HMA Crack Treatment, Ramp, Warranty	5020028	1.550	Lnmi
0050	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	5,100.000	Ft
0060	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	39,900.000	Ft
0070	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,000.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,600.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	283,100.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	694,600.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	46,200.000	Ft
0120	Pavt Mrkg, Waterborne, 12 inch, White	8110237	3,000.000	Ft
0130	Pavt Mrkg, Wet Retrflec Waterborne, 6 inch, White	8110481	10,200.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0200	Ltg for Night Work	8120160	1.000	LSUM
0210	Minor Traf Devices	8120170	1.000	LSUM
0220	Sign Cover	8120310	12.000	Ea
0230	Sign, Type A, Temp, Prismatic, Furn	8120340	18.000	Sft
0240	Sign, Type A, Temp, Prismatic, Oper	8120341	18.000	Sft
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	2,620.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	2,620.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
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Schedule of Pay Items

Report v1

Letting Call: 210108 040**Letting Date:** January 8, 2021**Contract ID:** 01052-208805

Description: 3.07 mi of hot mix asphalt fine textured cold milling and resurfacing on US-23 from North Lake Shore Drive to South Everett Road, Alcona County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208805A	N/A	N/A	M 01052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$60,200.00	1500001	1.000	LSUM
0020	Approach, CI II	3070021	50.000	Ton
0030	_ Shoulder, CI II, Modified	3077031	575.000	Ton
0040	HMA Quality Initiative	5010007	11,550.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	18,200.000	Dlr
0060	HMA Approach	5010061	65.000	Ton
0070	Fine Textured Pavement Milling	5010100	62,400.000	Syd
0080	HMA, LVSP	5010703	5,710.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,154.000	Ft
0100	Pavt Mrkg, Waterborne, 6 inch, White	8110233	32,266.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,154.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	32,266.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	350.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	350.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Sign Cover	8120310	6.000	Ea
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	704.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	704.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,564.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	8,154.000	Ft
0250	Centerline Corrugations, Milled, HMA	8220013	16,183.000	Ft



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 041**Letting Date:** January 8, 2021**Contract ID:** 82371-210107**Description:** Traffic signal installation, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on Dix-Toledo Road at King Road in the city of Woodhaven, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210107A	N/A	N/A	M 82371

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,000.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	26.000	Ft
0030	Sidewalk, Rem	2040055	15.000	Syd
0040	Exploratory Investigation, Vertical	2040080	40.000	Ft
0050	Embankment, CIP	2050010	1.000	Cyd
0060	Excavation, Earth	2050016	8.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	5.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0090	Project Cleanup	2090001	1.000	LSUM
0100	Subbase, CIP	3010002	5.000	Cyd
0110	Dr Structure Cover, Type Q	4030065	2.000	Ea
0120	HMA Surface, Rem	5010005	8.000	Syd
0130	Hand Patching	5010025	4.000	Ton
0140	_ Managed Field Ethernet Switch, Fiber Capable	8007050	1.000	Ea
0150	_ Roadside Unit, Intersection	8007050	1.000	Ea
0160	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0170	Curb and Gutter, Conc, Det F6	8020040	15.000	Ft
0180	Detectable Warning Surface	8030010	10.000	Ft
0190	Curb Ramp Opening, Conc	8030030	12.000	Ft
0200	Sidewalk Ramp, Conc, 4 inch	8030034	222.000	Sft
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0230	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	350.000	Ft
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	167.000	Ft
0250	Rem Spec Mrkg	8110343	910.000	Sft
0260	Pedestrian Type II Barricade, Temp	8120026	4.000	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	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0350	Slope Restoration, Type A	8160100	20.000	Syd
0360	Cable Pole, TS, Disman	8190010	2.000	Ea
0370	Cable, Sec, Rem	8190017	250.000	Ft
0380	Conduit, DB, 1, 1 1/2 inch	8190027	37.000	Ft
0390	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
0400	Conduit, DB, 4, 3 inch	8190038	6.000	Ft
0410	Conduit, Rem	8190140	28.000	Ft
0420	Hh, Polymer Conc	8190250	2.000	Ea
0430	Hh, Round, 3 foot dia	8190259	1.000	Ea
0440	Hh, Round	8190260	3.000	Ea
0450	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0460	Case Sign, Rem	8200020	1.000	Ea
0470	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0480	Controller and Cabinet, Rem	8200030	1.000	Ea
0490	Controller Fdn, Base Mount	8200045	1.000	Ea
0500	Fdn, Rem	8200065	1.000	Ea
0510	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0520	Pedestal, Alum	8200100	2.000	Ea
0530	Pedestal, Fdn	8200105	2.000	Ea
0540	Pedestal Fdn, Rem	8200106	2.000	Ea
0550	Pedestal, Rem	8200110	2.000	Ea
0560	Pushbutton and Sign	8200121	2.000	Ea
0570	Pushbutton, Rem	8200122	2.000	Ea
0580	Serv Disconnect	8200135	1.000	Ea
0590	Serv Disconnect, Rem	8200136	1.000	Ea
0600	Span Wire	8200140	4.000	Ea
0610	Span Wire, Rem	8200141	2.000	Ea
0620	Span Wire Tether	8200142	4.000	Ea
0630	Steel Pole, Rem	8200145	1.000	Ea
0640	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0650	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0660	Cabinet, NEMA Type	8200186	1.000	Ea
0670	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0680	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0690	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0700	Wireless Vehicle Detection System	8200422	1.000	Ea

0710	Wireless Vehicle Sensor Node	8200425	8.000	Ea
0720	Junction Box, Span Wire	8200456	4.000	Ea
0730	Junction Box, Rem	8200457	1.000	Ea
0740	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0750	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
0760	Strain Pole Fdn, 6 Bolt	8200470	57.000	Ft
0770	Casing	8200480	43.000	Ft
0780	Cellular Modem, TS, 4G	8200498	1.000	Ea
0790	Backplate, TS	8200501	8.000	Ea
0800	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0810	Gate Valve, 12 inch	8230064	2.000	Ea
0820	Gate Well, 60 inch dia	8230360	2.000	Ea
0830	_ Water Main, HDPE, 12 inch, Tr Det F	8237001	140.000	Ft
0840	Contractor Staking, Road Only	8240007	1.000	LSUM
0850	Staking Plan Errors and Extras, One Person	8240020	2.000	Hr
0860	Staking Plan Errors and Extras, Two Person	8240021	1.000	Hr
0870	Staking Plan Errors and Extras, Three Person	8240022	1.000	Hr
0880	ITS Grounding, Bonding, and Surge Protection	8260020	1.000	LSUM
0890	Lightning Protection, Pole	8260021	1.000	Ea
0900	Flowable Fill, Non-Structural	8260148	4.000	Cyd



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Schedule of Pay Items

Report v1

Letting Call: 210108 042**Letting Date:** January 8, 2021**Contract ID:** 39000-130823

Description: 1.25 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk, water main and pavement markings on Portage Street from Stockbridge Avenue to Michigan Avenue in the city of Kalamazoo, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130823A	21A0087	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$429,600.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	11.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0040	Curb and Gutter, Rem	2040020	6,125.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0060	Pavt, Rem	2040050	450.000	Syd
0070	Sidewalk, Rem	2040055	4,010.000	Syd
0080	_ Curb and Gutter, Rem, Modified	2047001	2,300.000	Ft
0090	_ Pavt, Rem, Modified	2047011	17,330.000	Syd
0100	_ Excavation, Earth, Special	2047021	3,500.000	Cyd
0110	Embankment, CIP	2050010	15.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0130	_ Machine Grading, Modified	2057002	23.000	Sta
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	81.000	Ea
0150	Erosion Control, Silt Fence	2080036	100.000	Ft
0160	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	5,980.000	Cyd
0180	_ Aggregate Base, 8 inch, Modified	3027011	17,400.000	Syd
0190	Maintenance Gravel	3060020	1,000.000	Ton
0200	_ Steel Casing Pipe, 30 inch, Jacked in Place, Modified	4017001	115.000	Ft
0210	Sewer, Cl E, 12 inch, Tr Det B	4020600	365.000	Ft
0220	Sewer Tap, 12 inch	4021204	5.000	Ea
0230	Sewer Tap, 18 inch	4021206	2.000	Ea
0240	Sewer Tap, 24 inch	4021207	2.000	Ea
0250	Sewer Tap, 30 inch	4021208	2.000	Ea
0260	Dr Structure Cover, Adj, Case 1	4030005	109.000	Ea
0270	Dr Structure Cover, Type D	4030025	2.000	Ea

0280	Dr Structure Cover, Type K	4030050	53.000	Ea
0290	Dr Structure, 48 inch dia	4030210	6.000	Ea
0300	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0310	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0320	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0330	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0340	Dr Structure, Temp Lowering	4030390	47.000	Ea
0350	_ Dr Structure Cover, Type B, Modified	4037050	41.000	Ea
0360	_ Dr Structure Cover, Type Q, Modified	4037050	37.000	Ea
0370	_ Dr Structure, 24 inch Dia, Inlet	4037050	18.000	Ea
0380	Cold Milling HMA Surface	5010002	23,245.000	Syd
0390	Hand Patching	5010025	400.000	Ton
0400	HMA, 3C	5010031	2,395.000	Ton
0410	HMA, 4E1	5010050	4,140.000	Ton
0420	HMA, 5E1	5010056	3,115.000	Ton
0430	HMA Approach	5010061	1,185.000	Ton
0440	Conc Base Cse, Nonreinf, 6 inch	6020015	300.000	Syd
0450	Conc Pavt, Misc, Nonreinf, 7 inch	6020052	210.000	Syd
0460	Driveway, Nonreinf Conc, 6 inch	8010005	355.000	Syd
0470	Curb, Conc, Det E2	8020002	200.000	Ft
0480	Curb and Gutter, Conc, Det F4	8020038	7,295.000	Ft
0490	Driveway Opening, Conc, Det M	8020050	365.000	Ft
0500	_ Curb and Gutter, Conc, Det F4, Modified	8027001	155.000	Ft
0510	Detectable Warning Surface	8030010	483.000	Ft
0520	Curb Ramp Opening, Conc	8030030	875.000	Ft
0530	Sidewalk Ramp, Conc, 6 inch	8030036	6,350.000	Sft
0540	Sidewalk, Conc, 4 inch	8030044	24,685.000	Sft
0550	Sidewalk, Conc, 6 inch	8030046	2,600.000	Sft
0560	Post, Steel, 3 lb	8100371	1,914.000	Ft
0570	Sign, Type IIB	8100399	80.000	Sft
0580	Sign, Type III, Erect, Salv	8100402	9.000	Ea
0590	Sign, Type III, Rem	8100403	171.000	Ea
0600	Sign, Type IIIA	8100404	430.000	Sft
0610	Sign, Type IIIB	8100405	253.000	Sft
0620	_ Sign, Type IIIA, Special	8107010	110.000	Sft
0630	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,590.000	Ft
0640	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	45.000	Ft
0650	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,120.000	Ft
0660	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	952.000	Ft
0670	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	30.000	Ea
0680	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Symbol	8110050	2.000	Ea
0690	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	30.000	Ea
0700	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	29.000	Ea

0710	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	17.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	3.000	Ea
0730	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0740	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,475.000	Ft
0750	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,800.000	Ft
0760	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,400.000	Ft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0790	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0800	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0810	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0820	Dust Palliative, Applied	8120100	25.000	Ton
0830	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0850	Minor Traf Devices	8120170	1.000	LSUM
0860	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	13,500.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	13,500.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	500.000	Ft
0900	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0910	Plastic Drum, Fluorescent, Furn	8120252	550.000	Ea
0920	Plastic Drum, Fluorescent, Oper	8120253	550.000	Ea
0930	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,000.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	2,000.000	Ft
0950	Sign Cover	8120310	10.000	Ea
0960	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0970	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0980	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0990	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
1000	Traf Regulator Control	8120370	1.000	LSUM
1010	Slope Restoration, Type B	8160101	1,750.000	Syd
1020	Conduit, DB, 1, 1/2 inch	8190025	365.000	Ft
1030	Conduit, DB, 1, 3 inch	8190029	25.000	Ft
1040	Conduit, DB, 1, 4 inch	8190030	25.000	Ft
1050	Conduit, Directional Bore, 1 1/2 inch	8190041	1,715.000	Ft
1060	Conduit, Directional Bore, 3 inch	8190044	340.000	Ft
1070	Conduit, Directional Bore, 4 inch	8190046	535.000	Ft
1080	Hh, Polymer Conc	8190250	1.000	Ea
1090	Hh, Rem	8190254	1.000	Ea
1100	Hh, Round, 3 foot dia	8190259	8.000	Ea

1110	_ Conduit, 1 1/4 inch, Innerduct	8197001	840.000	Ft
1120	_ Conduit, DB, 1, 3 inch, Modified	8197001	1,200.000	Ft
1130	Controller Fdn, Base Mount	8200045	1.000	Ea
1140	Pedestal, Alum	8200100	4.000	Ea
1150	Pedestal, Fdn	8200105	24.000	Ea
1160	Pedestal Fdn, Rem	8200106	4.000	Ea
1170	Pedestal, Rem	8200110	4.000	Ea
1180	Pushbutton, Rem	8200122	21.000	Ea
1190	Pushbutton Pedestal, Alum	8200123	20.000	Ea
1200	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	3.000	Ea
1210	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
1220	Cabinet, Rem	8200184	5.000	Ea
1230	Pedestrian Signal System, Accessible	8200240	5.000	Ea
1240	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
1250	Bracket, Truss, With 18 Foot Arm	8200378	9.000	Ea
1260	TS Head, Adj	8200452	20.000	Ea
1270	TS Head, Temp	8200453	26.000	Ea
1280	TS Face, Bag	8200458	28.000	Ea
1290	TS Face, Bag, Rem	8200459	28.000	Ea
1300	_ Controller, ATC Type, Classic	8207050	6.000	Ea
1310	_ Push Button Station and Sign	8207050	36.000	Ea
1320	_ Traffic Sensing System	8207050	1.000	Ea
1330	_ TS Uninterruptible Power System	8207050	1.000	Ea
1340	_ Video Detection Cameras and Processor, Modified	8207050	5.000	Ea
1350	Monument Box	8210001	3.000	Ea
1360	Monument Box Adjust	8210005	3.000	Ea
1370	Monument Preservation	8210010	3.000	Ea
1380	Gate Box, Adj, Temp, Case 1	8230391	24.000	Ea
1390	Gate Box, Adj, Case 2	8230432	5.000	Ea
1400	_ Copper Water Service Pipe, 1 1/4 inch	8237001	2,170.000	Ft
1410	_ Copper Water Service Pipe, 2 inch	8237001	625.000	Ft
1420	_ Polyethelene Encasement	8237001	2,030.000	Ft
1430	_ Water Main in Casing, DI, 16 inch	8237001	115.000	Ft
1440	_ Water Main, DI, 10 inch, Tr Det G, Modified	8237001	20.000	Ft
1450	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	140.000	Ft
1460	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	4,315.000	Ft
1470	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	130.000	Ft
1480	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	470.000	Ft
1490	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,265.000	Ft
1500	_ Water Main, DI, Pre-Insulated, 16 inch	8237001	70.000	Ft
1510	_ Insulation Board, 2 inch	8237010	500.000	Sft
1520	_ Butterfly Valve and Box, 12 inch, Modified	8237050	2.000	Ea
1530	_ Butterfly Valve and Box, 16 inch, Modified	8237050	33.000	Ea
1540	_ Connect to Existing Main, 10 inch	8237050	2.000	Ea

1550	_ Connect to Existing Main, 12 inch	8237050	2.000	Ea
1560	_ Connect to Existing Main, 4 inch	8237050	6.000	Ea
1570	_ Connect to Existing Main, 6 inch	8237050	6.000	Ea
1580	_ Connect to Existing Main, 8 inch	8237050	9.000	Ea
1590	_ Curb Stop, 1 1/4 inch	8237050	54.000	Ea
1600	_ Curb Stop, 2 inch	8237050	12.000	Ea
1610	_ Expansion Joint, Water Main	8237050	1.000	Ea
1620	_ Fire Hydrant, Modified	8237050	18.000	Ea
1630	_ Gate Box, Adjust, Case 1, Modified	8237050	5.000	Ea
1640	_ Gate Box, Reconstruct, Modified	8237050	24.000	Ea
1650	_ Gate Valve and Box, 6 inch, Modified	8237050	2.000	Ea
1660	_ Gate Valve and Box, 8 inch, Modified	8237050	17.000	Ea
1670	_ Hydrant, Rem, Modified	8237050	4.000	Ea
1680	_ Roller Guide, Water Main	8237050	4.000	Ea
1690	_ Water Main Line Stop, 10 inch	8237050	2.000	Ea
1700	_ Water Main Line Stop, 12 inch	8237050	2.000	Ea
1710	_ Water Main Line Stop, 4 inch	8237050	2.000	Ea
1720	_ Water Main Line Stop, 6 inch	8237050	2.000	Ea
1730	_ Water Main Line Stop, 8 inch	8237050	2.000	Ea
1740	_ Water Main, 10 inch, Cut and Plug, Modified	8237050	2.000	Ea
1750	_ Water Main, 12 inch, Cut and Plug, Modified	8237050	2.000	Ea
1760	_ Water Main, 4 inch, Cut and Plug, Modified	8237050	6.000	Ea
1770	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	6.000	Ea
1780	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	9.000	Ea
1790	_ Water Service, 1 1/4 inch	8237050	54.000	Ea
1800	_ Water Service, 2 inch	8237050	12.000	Ea
1810	_ Sewer Lead, 6 inch	8257001	300.000	Ft
1820	_ Sewer Saddle, 6 inch	8257050	10.000	Ea
1830	System Integration and Testing	8260160	1.000	LSUM
1840	_ Tracer Wire, Modified	8267001	1,995.000	Ft
1850	_ Cabinet, NEMA Type	8267050	3.000	Ea
1860	_ Controller Cabinet, Modified	8267050	2.000	Ea
1870	_ Compact Ductile Iron Fittings	8507030	28,800.000	Lb
1880	_ Railroad Protection, at Grade Crossing	8507060	15,000.000	Dlr



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 043**Letting Date:** January 8, 2021**Contract ID:** 47000-205871

Description: 0.71 mi of hot mix asphalt reconstruction, concrete curb and gutter, earth work, drainage and pavement markings on National Street from Grand River Avenue to Clinton Street, Clinton Street from Michigan Avenue to National Street, Madison Street from Barnard Street to Bates Street, and Barnard Street from Madison Street to Thompson Street in the city of Howell, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205871A	21A0109	N/A	STUL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$379,900.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	17.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	642.000	Ft
0040	Curb and Gutter, Rem	2040020	7,264.000	Ft
0050	Pavt, Rem	2040050	976.000	Syd
0060	Sidewalk, Rem	2040055	1,123.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	_ Brick Paver, Rem, Special	2047011	48.000	Syd
0090	Granular Material, CI II	2050023	140.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0110	_ Station Grading, Special	2057002	36.000	Sta
0120	_ Subgrade Undercutting, 1 x 3, Special	2057021	250.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	52.000	Ea
0140	_ Aggregate Base, 6 inch, Special	3027011	1,389.000	Syd
0150	_ Aggregate Base, 8 inch, Special	3027011	16,799.000	Syd
0160	Maintenance Gravel	3060020	250.000	Ton
0170	_ Geogrid, Special	3087011	600.000	Syd
0180	Sewer, CI IV, 12 inch, Tr Det B	4020987	648.000	Ft
0190	Sewer Tap, 12 inch	4021204	7.000	Ea
0200	Sewer Tap, 24 inch	4021207	4.000	Ea
0210	Sewer Bulkhead, 12 inch	4021230	1.000	Ea
0220	Trench Undercut and Backfill	4021260	200.000	Cyd
0230	Dr Structure Cover, Adj, Case 1	4030005	37.000	Ea
0240	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0250	Dr Structure Cover, Type B	4030010	5.000	Ea

0260	Dr Structure Cover, Type G	4030040	1.000	Ea
0270	Dr Structure Cover, Type K	4030050	11.000	Ea
0280	Dr Structure, 24 inch dia	4030200	9.000	Ea
0290	Dr Structure, 48 inch dia	4030210	7.000	Ea
0300	Dr Structure, Tap, 6 inch	4030306	68.000	Ea
0310	Dr Structure, Tap, 12 inch	4030312	19.000	Ea
0320	_ Utility Structure, Temp Lowering, Special	4037050	65.000	Ea
0330	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	7,190.000	Ft
0340	Cold Milling HMA Surface	5010002	742.000	Syd
0350	HMA Surface, Rem	5010005	14,914.000	Syd
0360	Hand Patching	5010025	151.000	Ton
0370	HMA, 3E3	5010045	2,870.000	Ton
0380	HMA, 4E3	5010051	2,050.000	Ton
0390	HMA, 5E3	5010057	1,231.000	Ton
0400	_ Reclamite, Special	5017011	14,196.000	Syd
0410	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	522.000	Syd
0420	Driveway, Nonreinf Conc, 6 inch	8010005	867.000	Syd
0430	Curb and Gutter, Conc, Det C4	8020023	6,886.000	Ft
0440	Driveway Opening, Conc, Det M	8020050	482.000	Ft
0450	Detectable Warning Surface	8030010	225.000	Ft
0460	Curb Ramp Opening, Conc	8030030	210.000	Ft
0470	Sidewalk Ramp, Conc, 6 inch	8030036	1,405.000	Sft
0480	Sidewalk, Conc, 4 inch	8030044	7,877.000	Sft
0490	_ Sidewalk, Brick Pavers on Aggregate and Sand Bed, Special	8037011	168.000	Syd
0500	Post, Steel, 3 lb	8100371	555.000	Ft
0510	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0520	Sign, Type III, Rem	8100403	58.000	Ea
0530	Sign, Type IIIA	8100404	144.000	Sft
0540	Sign, Type IIIB	8100405	74.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	36.000	Ft
0560	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	180.000	Ft
0570	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0580	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0590	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0600	Pavt Mrkg, Polyurea, 12 inch Cross Hatching, White	8110108	774.000	Ft
0610	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	120.000	Ft
0620	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,891.000	Ft
0630	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0640	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0650	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0660	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0670	Minor Traf Devices	8120170	1.000	LSUM
0680	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea

0690	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0700	Sign, Type B, Temp, Prismatic, Furn	8120350	529.000	Sft
0710	Sign, Type B, Temp, Prismatic, Oper	8120351	529.000	Sft
0720	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	300.000	Sft
0730	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	300.000	Sft
0740	Traf Regulator Control	8120370	1.000	LSUM
0750	_ Restoration, Hydroseeding, Special	8167011	5,860.000	Syd
0760	Monument Box	8210001	2.000	Ea
0770	Monument Box Adjust	8210005	2.000	Ea
0780	_ Vault, Water Main, DI, 12 inch, Special	8237001	15.000	Ft
0790	_ Vault, Water Main, Rem, Special	8237001	15.000	Ft
0800	_ Water Main, DI, 12 inch, Tr Det G, Special	8237001	366.000	Ft
0810	_ Water Main, DI, 8 inch, Tr Det G, Special	8237001	3,861.000	Ft
0820	_ Water Main, HDD, HDPE, DR 11, 12 inch, Special	8237001	397.000	Ft
0830	_ Water Main, Rem, Special	8237001	25.000	Ft
0840	_ Water Serv, Long Side, Special	8237001	1,559.000	Ft
0850	_ Water Serv, Short Side, Special	8237001	843.000	Ft
0860	_ Water Service, Stop Box to Meter, 1 inch, Additional Length, Special	8237001	200.000	Ft
0870	_ Concrete Anchor Block, Special	8237050	6.000	Ea
0880	_ Curb Stop and Box, 1 inch, Special	8237050	70.000	Ea
0890	_ Fire Hydrant, Rem, Special	8237050	3.000	Ea
0900	_ Fire Hydrant, Special	8237050	7.000	Ea
0910	_ Gate Valve and Box, 8 inch, Special	8237050	18.000	Ea
0920	_ Gate Valve and Well, 12 inch, Special	8237050	4.000	Ea
0930	_ Vault, Gate Valve, 12 inch, Special	8237050	1.000	Ea
0940	_ Vault, Gate Valve, Rem, Special	8237050	1.000	Ea
0950	_ Water Main, 12 inch, Cut and Cap, Special	8237050	7.000	Ea
0960	_ Water Main, 4 inch, Cut and Cap, Special	8237050	7.000	Ea
0970	_ Water Main, 6 inch, Cut and Cap, Special	8237050	2.000	Ea
0980	_ Water Main, 8 inch, Cut and Cap, Special	8237050	3.000	Ea
0990	_ Water Main, Connection, 12 inch, Special	8237050	6.000	Ea
1000	_ Water Main, Connection, 4 inch, Special	8237050	6.000	Ea
1010	_ Water Main, Connection, 6 inch, Special	8237050	2.000	Ea
1020	_ Water Main, Connection, 8 inch, Special	8237050	4.000	Ea
1030	_ Water Service, Stop Box to Meter, 1 inch, Special	8237050	15.000	Ea
1040	_ Sanitary Lead, PVC, 6 inch, Relocate, Special	8257001	347.000	Ft
1050	_ Sanitary Lead, PVC, 6 inch, Special	8257001	1,983.000	Ft
1060	_ Sanitary Sewer, PVC, 10 inch, Special	8257001	583.000	Ft
1070	_ Sanitary Sewer, PVC, 12 inch, Special	8257001	370.000	Ft
1080	_ Sanitary Sewer, PVC, 8 inch, Special	8257001	2,437.000	Ft
1090	_ Sanitary Sewer, Rem, Special	8257001	4,090.000	Ft
1100	_ Sanitary Structure, 48 inch dia, Special	8257050	15.000	Ea
1110	_ Sanitary Structure, Rem, Special	8257050	17.000	Ea
1120	_ Sprinkler Line, Special	8507001	100.000	Ft

1130	_ Concrete Collar, GVB, Special	8507050	30.000	Ea
1140	_ Concrete Collar, MH, Special	8507050	48.000	Ea
1150	_ Sprinkler Head, Relocate, Special	8507050	50.000	Ea
1160	_ Sprinkler Head, Replace, Special	8507050	50.000	Ea
1170	_ Utility Pole Protection, Special	8507050	5.000	Ea
1180	_ Audio Video Route Survey, Special	8507051	1.000	LSUM
1190	_ Reimbursed Permit Fee, Special	8507060	1,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 210108 044**Letting Date:** January 8, 2021**Contract ID:** 25000-207606

Description: 0.17 mi of hot mix asphalt cold milling and resurfacing, ramps, guardrail, drainage, signing and pavement markings on Seymour Street from Pierson Road to Emily Street in the city of Flushing, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207606A	21A0103	N/A	STU 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,100.00	1500001	1.000	LSUM
0020	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	77.000	Ft
0040	Curb and Gutter, Rem	2040020	41.000	Ft
0050	Guardrail, Rem	2040035	225.000	Ft
0060	Pavt, Rem	2040050	86.000	Syd
0070	Sidewalk, Rem	2040055	32.000	Syd
0080	Embankment, CIP	2050010	3.000	Cyd
0090	Excavation, Earth	2050016	15.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0130	Erosion Control, Silt Fence	2080036	50.000	Ft
0140	Subbase, CIP	3010002	9.000	Cyd
0150	_ Aggregate Base, 3 1/2 inch, Modified	3027011	13.000	Syd
0160	_ Aggregate Base, 8 inch, Modified	3027011	10.000	Syd
0170	_ Aggregate Base, Modified	3027031	37.000	Ton
0180	Maintenance Gravel	3060020	50.000	Ton
0190	_ Approach, CI I, Modified	3077031	42.000	Ton
0200	_ Approach, CI II, Modified	3077031	24.000	Ton
0210	_ Shoulder, CI II, Modified	3077031	76.000	Ton
0220	Culv End Sect, 12 inch	4010012	1.000	Ea
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	72.000	Ft
0240	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0260	Dr Structure Cover, Type Q	4030065	2.000	Ea
0270	Dr Structure, Tap, 6 inch	4030306	1.000	Ea

0280	_ Dr Structure Collar, Modified	4037050	2.000	Ea
0290	_ Dr Structure Cover, Type DG	4037050	1.000	Ea
0300	_ Dr Structure, 36 inch dia, Modified	4037050	1.000	Ea
0310	Underdrain, Subgrade, 6 inch	4040073	60.000	Ft
0320	Underdrain Outlet, 6 inch	4040093	10.000	Ft
0330	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0340	Cold Milling HMA Surface	5010002	3,581.000	Syd
0350	HMA Surface, Rem	5010005	166.000	Syd
0360	Pavt Joint and Crack Repr, Det 8	5010021	88.000	Ft
0370	Hand Patching	5010025	28.000	Ton
0380	HMA, 4E1	5010050	289.000	Ton
0390	HMA, 5E1	5010056	289.000	Ton
0400	HMA Approach	5010061	114.000	Ton
0410	Driveway, Nonreinf Conc, 6 inch	8010005	33.000	Syd
0420	Curb and Gutter, Conc, Det C4	8020023	26.000	Ft
0430	Curb Ramp Opening, Conc	8030030	18.000	Ft
0440	Sidewalk Ramp, Conc, 6 inch	8030036	133.000	Sft
0450	Sidewalk, Conc, 4 inch	8030044	160.000	Sft
0460	_ Detectable Warning Surface, Modified	8037001	18.000	Ft
0470	Guardrail, Curved, Type B	8070010	100.000	Ft
0480	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
0490	Guardrail Reflector	8070080	4.000	Ea
0500	Post, Mailbox	8070095	4.000	Ea
0510	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	14.000	Ea
0520	Post, Flexible, Delineator	8100360	7.000	Ea
0530	Post, Steel, 3 lb	8100371	122.000	Ft
0540	Sign, Type III, Rem	8100403	10.000	Ea
0550	Sign, Type IIIA	8100404	16.000	Sft
0560	Sign, Type IIIB	8100405	19.000	Sft
0570	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
0580	_ Sign, Type IIIA, Modified	8107010	8.000	Sft
0590	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	74.000	Ft
0600	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	35.000	Ft
0610	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,638.000	Ft
0620	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,614.000	Ft
0630	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,638.000	Ft
0640	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,614.000	Ft
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0670	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0680	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	48.000	Ea
0690	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	48.000	Ea
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0710	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	72.000	Ft
0740	Plastic Drum, Fluorescent, Furn	8120252	22.000	Ea
0750	Plastic Drum, Fluorescent, Oper	8120253	22.000	Ea
0760	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	72.000	Ft
0770	Sign Cover	8120310	22.000	Ea
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0790	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0800	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	19.000	Sft
0810	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	19.000	Sft
0820	Traf Regulator Control	8120370	1.000	LSUM
0830	Riprap, Plain	8130010	6.000	Syd
0840	_ Slope Restoration, Modified	8167011	1,000.000	Syd
0850	Monument Box	8210001	1.000	Ea
0860	Monument Preservation	8210010	1.000	Ea
0870	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0880	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0890	Gate Box, Adj, Case 1	8230431	2.000	Ea
0900	Gate Box, Adj, Case 2	8230432	1.000	Ea
0910	_ Reimbursed Permit Fees	8507060	500.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 210108 045**Letting Date:** January 8, 2021**Contract ID:** 63000-208719**Description:** Signal interconnects, actuation, cabinet upgrades and sidewalk ramps on Orchard Lake Road at 5 locations in the city of Pontiac, Oakland County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208719A	21A0113	N/A	CPMG 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ RCOC Inspection Fee	1027060	1.000	Dlr
0020	Mobilization, Max \$107,800.00	1500001	1.000	LSUM
0030	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0050	Curb and Gutter, Rem	2040020	400.000	Ft
0060	Sidewalk, Rem	2040055	226.000	Syd
0070	Exploratory Investigation, Vertical	2040080	100.000	Ft
0080	Embankment, CIP	2050010	70.000	Cyd
0090	Excavation, Earth	2050016	69.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	15.000	Ea
0120	Erosion Control, Silt Fence	2080036	100.000	Ft
0130	Aggregate Base	3020001	35.000	Ton
0140	Aggregate Base, 4 inch	3020010	338.000	Syd
0150	Aggregate Base, 8 inch	3020020	133.000	Syd
0160	_ Public Utility Structure Cover, Adj, Case 1	4037050	2.000	Ea
0170	HMA Surface, Rem	5010005	20.000	Syd
0180	Hand Patching	5010025	20.000	Ton
0190	Lane Tie, Epoxy Anchored	6030030	622.000	Ea
0200	Pavt Repr, Nonreinf Conc, 9 inch	6030046	120.000	Syd
0210	Pavt Repr, Rem	6030080	235.000	Syd
0220	Curb, Conc, Det E2	8020002	67.000	Ft
0230	Curb and Gutter, Conc, Det F5	8020039	223.000	Ft
0240	Detectable Warning Surface	8030010	114.000	Ft
0250	Curb Ramp Opening, Conc	8030030	110.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	915.000	Sft
0270	Sidewalk, Conc, 4 inch	8030044	1,566.000	Sft

0280	Band, Sign	8100010	4.000	Ea
0290	Sign, Type III, Rem	8100403	13.000	Ea
0300	Sign, Type IIIA	8100404	4.000	Sft
0310	Mast Arm Pole, Cat III	8100512	3.000	Ea
0320	Mast Arm, 30 foot, Cat III	8100542	1.000	Ea
0330	Mast Arm, 40 foot, Cat III	8100544	1.000	Ea
0340	Mast Arm, 45 foot, Cat III	8100545	1.000	Ea
0350	Mast Arm, 50 foot, Cat III	8100546	2.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	462.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	174.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	200.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	300.000	Ft
0400	Rem Spec Mrkg	8110343	218.000	Sft
0410	Pedestrian Type II Barricade, Temp	8120026	15.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0440	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0450	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0470	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0510	Traf Regulator Control	8120370	1.000	LSUM
0520	_ Turf Establishment, Special	8167011	582.000	Syd
0530	Cable Pole, Sec, Dismn	8190006	1.000	Ea
0540	Cable Pole, TS, Dismn	8190010	2.000	Ea
0550	Conduit, DB, 1, 1 1/4 inch	8190026	330.000	Ft
0560	Conduit, DB, 1, 3 inch	8190029	470.000	Ft
0570	Conduit, DB, 2, 3 inch	8190032	75.000	Ft
0580	Conduit, DB, 3, 4 inch	8190036	25.000	Ft
0590	Hh, Adj	8190244	5.000	Ea
0600	Hh, Rem	8190254	10.000	Ea
0610	Hh, Round	8190260	18.000	Ea
0620	Wood Pole, Fit Up, Sec Cable Pole	8190495	6.000	Ea
0630	_ Cable, Sec, 600V, 1, 2/C#4, #6 Ground, RCOC	8197001	621.000	Ft
0640	_ Conduit, Directional Bore, 2, 3 inch, RCOC	8197001	590.000	Ft
0650	Case Sign, Rem	8200020	5.000	Ea
0660	Controller and Cabinet, Rem	8200030	5.000	Ea
0670	Controller Fdn, Base Mount	8200045	1.000	Ea
0680	Controller Fdn, Rem	8200046	1.000	Ea
0690	Global Positioning System Module	8200050	6.000	Ea
0700	Fdn, Rem	8200065	8.000	Ea
0710	Pedestal, Fdn	8200105	13.000	Ea
0720	Pedestal Fdn, Rem	8200106	3.000	Ea

0730	Pedestal, Rem	8200110	3.000	Ea
0740	Pushbutton and Sign	8200121	10.000	Ea
0750	Serv Disconnect	8200135	6.000	Ea
0760	Serv Disconnect, Rem	8200136	2.000	Ea
0770	Span Wire, Rem	8200141	5.000	Ea
0780	Steel Pole, Rem	8200145	8.000	Ea
0790	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
0800	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
0810	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0820	TS, Span Wire Mtd, Rem	8200182	14.000	Ea
0830	TS, One Way Span Wire Mtd (LED)	8200313	22.000	Ea
0840	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0850	TS, One Way Bracket Arm Mtd (LED)	8200333	3.000	Ea
0860	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
0870	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0880	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	10.000	Ea
0890	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0900	TS, One Way Mast Arm Mtd (LED)	8200359	13.000	Ea
0910	Hemispherical Video Detection Camera	8200444	6.000	Ea
0920	Hemispherical Video Detection System	8200445	6.000	Ea
0930	Strain Pole, Steel, 6 bolt, 30 foot	8200460	14.000	Ea
0940	Strain Pole Fdn, 6 Bolt	8200470	198.000	Ft
0950	Casing	8200480	195.000	Ft
0960	Backplate, TS	8200501	37.000	Ea
0970	_ Mast Arm Pole Fdn, RCOC	8207001	57.000	Ft
0980	_ Bracket Arm, 12 foot, RCOC	8207050	2.000	Ea
0990	_ Bracket Arm, 15 foot, RCOC	8207050	1.000	Ea
1000	_ Bracket Arm, 9 foot, RCOC	8207050	3.000	Ea
1010	_ Cabinet, ITS Type, Delivered, RCOC	8207050	6.000	Ea
1020	_ Cabinet, ITS Type, RCOC	8207050	6.000	Ea
1030	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	7.000	Ea
1040	_ Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	3.000	Ea
1050	_ Controller, Digital Type, Delivered, RCOC	8207050	6.000	Ea
1060	_ Hh, Square, RCOC	8207050	6.000	Ea
1070	_ Pedestal, Alum, RCOC	8207050	13.000	Ea
1080	_ Pushbutton Support Post, RCOC	8207050	3.000	Ea
1090	_ Span Wire, Box, RCOC	8207050	4.000	Ea
1100	_ Street Name Sign Bracket Arm, 10 foot, RCOC	8207050	9.000	Ea
1110	_ Street Name Sign, One Way, 8 foot, RCOC	8207050	5.000	Ea
1120	_ Street Name Sign, Two Way, 6 foot, RCOC	8207050	1.000	Ea
1130	_ Street Name Sign, Two Way, 8 foot, RCOC	8207050	6.000	Ea

1140	_ Tether Wire, Box, RCOC	8207050	4.000	Ea
1150	_ TS, One Way Mast Arm Mtd, Five Sect (LED), RCOC	8207050	1.000	Ea
1160	_ Remove and Reinstall Sign	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 210108 046**Letting Date:** January 8, 2021**Contract ID:** 63000-210476

Description: 0.70 mi of high friction surface treatment and pavement markings on Clarkston Road from Thistle Valley Lane to Pine Tree Road and Baldwin Road at Indianwood Road (west intersection), Oakland County. This is Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210476A	21A0084	N/A	HSIP 63000
210477A	21A0085	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,500.00	1500001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	13,000.000	Syd
0030	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	7,500.000	Ft
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	6,031.000	Ft
0050	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	210.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	210.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,000.000	Ft
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	704.000	Ft
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM



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AASHTOWare Project™ Version 4.4 Revision 034

Schedule of Pay Items

Report v1

Letting Call: 210108 047**Letting Date:** January 8, 2021**Contract ID:** 77000-206103

Description: Cleaning and coating of structural steel on various routes on Fisher Road over Burtch Creek, Jeddo Road over Burtch Creek, Comstock Road over Eves Drain and Duce Road over Jackson Drain, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206103A	21A0054	N/A	BO 77000
206104A	N/A	N/A	MCS 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,400.00	1500001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	980.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	980.000	Sft
0080	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	228.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	228.000	Sft
Section: 2				
0100	Structural Steel, Mixed, Furn and Fab	7070051	27.000	Lb
0110	Beam Plate, Seal Perimeter	7130010	942.000	Ft
0120	Stiffeners, Furn, Fab, and Erect	7130060	27.000	Lb
0130	End Diaphragm, Rem and Replace	7150010	27.000	Ea
0140	Steel Structure, Cleaning, Type 4 (Str 10060)	7150045	1.000	LSUM
0150	Steel Structure, Cleaning, Type 4 (Str 10079)	7150045	1.000	LSUM
0160	Steel Structure, Cleaning, Type 4 (Str 10124)	7150045	1.000	LSUM
0170	Steel Structure, Cleaning, Type 4 (Str 10178)	7150045	1.000	LSUM
0180	Steel Structure, Cleaning, Type 4 (Str 10180)	7150045	1.000	LSUM
0190	Steel Structure, Cleaning, Type 4 (Str 10199)	7150045	1.000	LSUM
0200	Steel Structure, Coating, Type 4 (Str 10060)	7150046	1.000	LSUM
0210	Steel Structure, Coating, Type 4 (Str 10079)	7150046	1.000	LSUM
0220	Steel Structure, Coating, Type 4 (Str 10124)	7150046	1.000	LSUM
0230	Steel Structure, Coating, Type 4 (Str 10178)	7150046	1.000	LSUM

0240	Steel Structure, Coating, Type 4 (Str 10180)	7150046	1.000	LSUM
0250	Steel Structure, Coating, Type 4 (Str 10199)	7150046	1.000	LSUM
0260	Field Repair of Damaged Coating (Str 10060)	7160001	1.000	LSUM
0270	Field Repair of Damaged Coating (Str 10079)	7160001	1.000	LSUM
0280	Field Repair of Damaged Coating (Str 10124)	7160001	1.000	LSUM
0290	Field Repair of Damaged Coating (Str 10178)	7160001	1.000	LSUM
0300	Field Repair of Damaged Coating (Str 10180)	7160001	1.000	LSUM
0310	Field Repair of Damaged Coating (Str 10199)	7160001	1.000	LSUM
0320	Downspout Replacement	7170070	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 048

Letting Date: January 8, 2021

Contract ID: 14000-208222

Description: 1.35 mi of hot mix asphalt cold milling, base crushing, shaping and resurfacing, concrete curb, gutter and ramps and pavement markings on Pokagon Street from M-51 to Jefferson Street and Jefferson Street from Pokagon Street to Cass Avenue in the city of Dowagiac, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208222A	21A0077	N/A	STUL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$43,600.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	610.000	Ft
0030	Fence, Rem	2040025	10.000	Ft
0040	Sidewalk, Rem	2040055	445.000	Syd
0050	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0070	Aggregate Base, 6 inch	3020016	100.000	Syd
0080	HMA Base Crushing and Shaping	3050002	5,400.000	Syd
0090	Material, Surplus and Unsuitable, Rem, LM	3050010	610.000	Cyd
0100	Dr Structure Cover, Adj, Case 1	4030005	38.000	Ea
0110	Dr Structure, Temp Lowering	4030390	3.000	Ea
0120	Cold Milling HMA Surface	5010002	19,100.000	Syd
0130	HMA Surface, Rem	5010005	125.000	Syd
0140	Hand Patching	5010025	15.000	Ton
0150	HMA, 5E1	5010056	45.000	Ton
0160	HMA Approach	5010061	12.000	Ton
0170	HMA, LVSP	5010703	2,700.000	Ton
0180	_ HMA Surface, Rem, Modified	5017011	385.000	Syd
0190	Membrane, Preformed Waterproofing	7100008	3,200.000	Sft
0200	_ Grout Repair	7127001	200.000	Ft
0210	Curb and Gutter, Conc, Det C4	8020023	315.000	Ft
0220	Detectable Warning Surface	8030010	170.000	Ft
0230	Curb Ramp Opening, Conc	8030030	295.000	Ft
0240	Sidewalk Ramp, Conc, 6 inch	8030036	1,520.000	Sft
0250	Sidewalk, Conc, 4 inch	8030044	3,625.000	Sft
0260	Sidewalk, Conc, 6 inch	8030046	375.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	40.000	Ft

0280	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0290	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	50.000	Ft
0310	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,100.000	Ft
0320	Pavt Mrkg, Waterborne, 6 inch, White	8110233	150.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0350	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0370	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0380	Dust Palliative, Applied	8120100	10.000	Ton
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Slope Restoration, Type A	8160100	1,000.000	Syd
0440	Monument Preservation	8210010	1.000	Ea
0450	Gate Box, Adj, Case 1	8230431	14.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 210108 049

Letting Date: January 8, 2021

Contract ID: 39000-210438

Description: 2.65 mi of hot mix asphalt crushing, shaping and resurfacing, widening paved shoulders, signing and pavement markings on U Avenue from Oakland Drive to Portage Road, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210438A	21A0105	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$154,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 37 inch or Larger	2020007	2.000	Ea
0030	_ Tree, Rem, 19 inch to 36 inch, Modified	2027050	3.000	Ea
0040	_ Tree, Rem, 37 inch or Larger, Modified	2027050	6.000	Ea
0050	_ Tree, Rem, 6 inch to 18 inch, Modified	2027050	10.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0070	Curb and Gutter, Rem	2040020	320.000	Ft
0080	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0090	Pavt, Rem	2040050	110.000	Syd
0100	Exploratory Investigation, Vertical	2040080	50.000	Ft
0110	Embankment, CIP	2050010	3,000.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	310.000	Cyd
0130	_ Ditch Construction	2057002	4.000	Sta
0140	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0150	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0160	_ Erosion Control, Straw Wattle	2087001	3,300.000	Ft
0170	_ Erosion Control, Inlet Protection, Silt Bag	2087050	1.000	Ea
0180	Subbase, CIP	3010002	1,500.000	Cyd
0190	_ Aggregate Base, 8 inch, 21AA Modified	3027011	13,750.000	Syd
0200	HMA Base Crushing and Shaping	3050002	36,500.000	Syd
0210	Salv Crushed Material, LM	3050015	750.000	Cyd
0220	_ Driveway Maintenance, Commercial	3067050	3.000	Ea
0230	_ Driveway Maintenance, Residential	3067050	53.000	Ea
0240	Approach, CI II	3070021	150.000	Ton
0250	Shoulder, CI II, 4 inch	3070126	8,350.000	Syd
0260	Trenching	3070200	269.000	Sta
0270	Culv End Sect, Conc, 15 inch	4010048	9.000	Ea

0280	Culv End Sect, Metal, 12 inch	4010094	10.000	Ea
0290	Culv, CI E, 15 inch	4010540	192.000	Ft
0300	Culv, CI F, 12 inch	4010607	121.000	Ft
0310	Sewer, CI E, 15 inch, Tr Det B	4020601	224.000	Ft
0320	Dr Structure Cover, Type J	4030045	1.000	Ea
0330	Dr Structure, 48 inch dia	4030210	1.000	Ea
0340	Cold Milling HMA Surface	5010002	3,750.000	Syd
0350	HMA Surface, Rem	5010005	1,850.000	Syd
0360	Hand Patching	5010025	10.000	Ton
0370	HMA Approach	5010061	250.000	Ton
0380	_ HMA Spillway	5017001	35.000	Ft
0390	_ HMA, 13A, Modified	5017031	4,615.000	Ton
0400	_ HMA, 36A, Modified	5017031	5,250.000	Ton
0410	Curb and Gutter, Conc, Det B2	8020016	610.000	Ft
0420	Curb Sloped, HMA	8050010	520.000	Ft
0430	Post, Mailbox	8070095	45.000	Ea
0440	Post, Steel, 3 lb	8100371	897.000	Ft
0450	Sign, Type IB	8100393	15.000	Sft
0460	Sign, Type IIB	8100399	10.000	Sft
0470	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0480	Sign, Type III, Rem	8100403	58.000	Ea
0490	Sign, Type IIIA	8100404	75.000	Sft
0500	Sign, Type IIIB	8100405	415.000	Sft
0510	Reflective Panel for Permanent Sign Support, 6 foot	8100616	14.000	Ea
0520	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,000.000	Ft
0530	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,500.000	Ft
0540	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	4.000	Ea
0550	_ Pavt Mrkg, Waterborne, Only	8117050	2.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0580	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0590	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	750.000	Ft
0640	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0670	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	170.000	Sft

0710	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	170.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Riprap, Plain	8130010	25.000	Syd
0740	_ Native Seeding	8167011	9,500.000	Syd
0750	_ Turf Establishment	8167011	5,000.000	Syd
0760	Monument Box	8210001	3.000	Ea
0770	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 210108 050**Letting Date:** January 8, 2021**Contract ID:** 41025-201924**Description:** 25.70 mi of freeway signing, sign supports and delineator upgrades along I-96 from US-31 to the Ottawa/Kent county line, Muskegon and Ottawa Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201924A	21A0190	N/A	IMG 41025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$132,600.00	1500001	1.000	LSUM
0020	Band, Sign	8100010	6.000	Ea
0030	Bridge Sign Connection, Bolt Replacement	8100020	1.000	Ea
0040	Bridge Sign Connection, Conc, Type A1	8100031	40.000	Ea
0050	Bridge Sign Connection, Steel, Type E	8100064	1.000	Ea
0060	Bridge Sign Connection, Steel, Type F	8100065	4.000	Ea
0070	Bridge Sign Connection, Steel, Type G	8100066	1.000	Ea
0080	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
0090	Bridge Sign Connection, Steel, Type I	8100068	2.000	Ea
0100	Bridge Sign Connection, Steel, Type J	8100069	1.000	Ea
0110	Bridge Sign Connection, Type A, Rem	8100080	40.000	Ea
0120	Bridge Sign Connection, Type E, Rem	8100084	7.000	Ea
0130	Bridge Sign Connection, Type F, Rem	8100085	5.000	Ea
0140	Column, Breakaway, W8 x 13	8100120	20.000	Ea
0150	Column, Breakaway, W8 x 18	8100121	46.000	Ea
0160	Delineator Reflector, Red	8100131	472.000	Ea
0170	Delineator Reflector, Yellow	8100132	161.000	Ea
0180	Delineator Reflector, White	8100134	1,099.000	Ea
0190	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	139.000	Ea
0200	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	49.000	Ea
0210	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	287.000	Ea
0220	Fdn, Breakaway, W8 x 13	8100160	20.000	Ea
0230	Fdn, Breakaway, W8 x 18	8100161	46.000	Ea
0240	Fdn, Column Breakaway, Rem	8100220	52.000	Ea
0250	Fdn, Wood Support, Rem	8100280	412.000	Ea
0260	Installing MDOT Supplied Sign, Type III	8100302	56.000	Ea
0270	Perforated Steel Square Tube Breakaway System	8100330	84.000	Ea

0280	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	10.000	Ea
0290	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0300	Delineator, Rem	8100349	922.000	Ea
0310	Post, Flexible, Delineator	8100360	466.000	Ea
0320	Post, Rigid, Delineator	8100361	1,107.000	Ea
0330	Post, Steel, 3 lb	8100371	10,936.000	Ft
0340	Post, Wood, 4 inch by 6 inch	8100380	3,224.000	Ft
0350	Post, Wood, 6 inch by 8 inch	8100382	3,860.000	Ft
0360	Sign, Type I, Rem	8100391	124.000	Ea
0370	Sign, Type IA	8100392	10,083.000	Sft
0380	Sign, Type IB	8100393	771.000	Sft
0390	Sign, Type II, Rem	8100397	231.000	Ea
0400	Sign, Type IIA	8100398	2,641.000	Sft
0410	Sign, Type IIB	8100399	1,281.000	Sft
0420	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0430	Sign, Type III, Rem	8100403	848.000	Ea
0440	Sign, Type IIIA	8100404	1,934.000	Sft
0450	Sign, Type IIIB	8100405	1,802.000	Sft
0460	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0470	Sign, Type VA	8100424	340.000	Sft
0480	Sign, Type VB	8100425	964.000	Sft
0490	Reflective Panel for Permanent Sign Support, 3 foot	8100613	176.000	Ea
0500	Reflective Panel for Permanent Sign Support, 6 foot	8100616	74.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0530	Ltg for Night Work	8120160	1.000	LSUM
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Mobile Attenuator	8120180	1.000	Ea
0560	Plastic Drum, Fluorescent, Furn	8120252	480.000	Ea
0570	Plastic Drum, Fluorescent, Oper	8120253	480.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0590	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	1,950.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	1,950.000	Sft
0620	Traf Regulator Control	8120370	1.000	LSUM
0630	Contractor Staking, Road Only	8240007	1.000	LSUM
0640	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0650	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0660	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 210108 051

Letting Date: January 8, 2021

Contract ID: 70081-200664

Description: 1.37 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-104 from Spring Lake Channel east to Lake Avenue in the village of Spring Lake, Ottawa County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200664A	21A0201	N/A	NH 70081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,700.00	1500001	1.000	LSUM
0020	Dr Structure Cover, Adj, Case 1	4030005	41.000	Ea
0030	Dr Structure, Temp Lowering	4030390	41.000	Ea
0040	Cold Milling HMA Surface	5010002	38,853.000	Syd
0050	HMA Quality Initiative	5010007	6,614.000	Dlr
0060	Longitudinal Joint Density Quality Initiative	5010018	21,621.000	Dlr
0070	HMA, 5E10	5010058	3,051.000	Ton
0080	HMA Approach	5010061	256.000	Ton
0090	Curb and Gutter, Conc, Det B2	8020016	52.000	Ft
0100	Curb Sloped, HMA	8050010	1,165.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,216.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,820.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	259.000	Ft
0140	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0180	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,623.000	Ft
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,481.000	Ft
0200	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,251.000	Ft
0210	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,310.000	Ft
0220	Rem Spec Mrkg	8110343	340.000	Sft
0230	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0240	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	405.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	48.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	48.000	Ea

0270	Pedestrian Type II Barricade, Temp	8120026	48.000	Ea
0280	Pedestrian Type II Channelizer, Temp	8120027	180.000	Ft
0290	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	239.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	239.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0350	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	500.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	780.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	20,592.000	Ft
0380	Sign Cover	8120310	10.000	Ea
0390	Sign Cover, Type 1	8120320	5.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0410	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0420	Sign, Type A, Temp, Prismatic, Furn	8120340	34.000	Sft
0430	Sign, Type A, Temp, Prismatic, Oper	8120341	34.000	Sft
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	772.000	Sft
0450	Sign, Type B, Temp, Prismatic, Oper	8120351	772.000	Sft
0460	Traf Loop	8200170	4.000	Ea
0470	TS Face, Bag	8200458	8.000	Ea
0480	TS Face, Bag, Rem	8200459	8.000	Ea
0490	Contractor Staking, Road Only	8240007	1.000	LSUM
0500	Staking Plan Errors and Extras, One Person	8240020	5.000	Hr
0510	Staking Plan Errors and Extras, Two Person	8240021	2.000	Hr
0520	Staking Plan Errors and Extras, Three Person	8240022	3.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 210108 052**Letting Date:** January 8, 2021**Contract ID:** 70041-200672

Description: 6.10 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on M-45 from east of 120th Avenue easterly to west of 68th Avenue in the city of Allendale, Ottawa County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200672A	21A0199	N/A	NH 70041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$141,900.00	1500001	1.000	LSUM
0020	_ Shoulder, CI II, Modified	3077031	1,344.000	Ton
0030	Cold Milling HMA Surface	5010002	135,756.000	Syd
0040	HMA Quality Initiative	5010007	24,232.000	Dlr
0050	Longitudinal Joint Density Quality Initiative	5010018	70,897.000	Dlr
0060	HMA, 5E1	5010056	11,750.000	Ton
0070	HMA Approach	5010061	366.000	Ton
0080	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0100	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	1,797.000	Ft
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	27,662.000	Ft
0120	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	63,294.000	Ft
0130	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	378.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	378.000	Ea
0160	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	27,662.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	150.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,754.000	Ft
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,088.000	Sft

0250	Sign, Type B, Temp, Prismatic, Oper	8120351	1,088.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0290	_ Rumble Strip, Temp, Portable, Furn	8127050	4.000	Ea
0300	_ Rumble Strip, Temp, Portable, Oper	8127050	4.000	Ea
0310	Protect Corners	8210020	11.000	Ea
0320	Centerline Corrugations, Milled, HMA	8220013	32,185.000	Ft
0330	Contractor Staking, Road Only	8240007	1.000	LSUM
0340	Staking Plan Errors and Extras, One Person	8240020	12.000	Hr
0350	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0360	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 210108 053**Letting Date:** January 8, 2021**Contract ID:** 17011-201153

Description: 7.37 mi of hot mix asphalt overlay, aggregate shoulders, guardrail and pavement markings on M-123 from north of M-28 to south of Bear Pen Creek Road, Chippewa County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201153A	N/A	N/A	M 17011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$114,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Guardrail, Rem	2040035	1,400.000	Ft
0040	Embankment, CIP	2050010	325.000	Cyd
0050	Excavation, Earth	2050016	81.000	Cyd
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	Approach, CI I	3070001	48.000	Ton
0080	Approach, CI II	3070021	272.000	Ton
0090	Shoulder, CI II	3070121	4,061.000	Ton
0100	Cold Milling HMA Surface	5010002	698.000	Syd
0110	HMA Quality Initiative	5010007	20,660.000	Dlr
0120	Longitudinal Joint Density Quality Initiative	5010018	38,892.000	Dlr
0130	HMA, 5E1	5010056	10,247.000	Ton
0140	HMA Approach	5010061	83.000	Ton
0150	Guardrail, Type B	8070000	13.000	Ft
0160	Guardrail, Type MGS-8	8070004	1,345.000	Ft
0170	Guardrail, Curved, Type B	8070010	38.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0190	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0200	Guardrail Reflector	8070080	76.000	Ea
0210	_ Guardrail Long Span, Det MGS-2	8077050	3.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	29,192.000	Ft
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	77,902.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	29,192.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	77,902.000	Ft
0260	Rem Spec Mrkg	8110343	650.000	Sft
0270	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr

0280	Pavt Mrkg, Polyurea, Stop	8110415	1.000	Ea
0290	Pavt Mrkg, Thermopl, Rumble Strip	8110470	623.000	Ft
0300	_ Pavt Mrkg, Polyurea, Ahead	8117050	1.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	100.000	Ft
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,600.000	Ft
0360	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
0380	Sign Cover	8120310	5.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	788.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	788.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Riprap, Plain	8130010	400.000	Syd
0430	Slope Restoration, Type A	8160100	975.000	Syd
0440	Slope Restoration, Type C	8160102	400.000	Syd
0450	Monument Box	8210001	1.000	Ea
0460	Monument Box Adjust	8210005	2.000	Ea
0470	Protect Corners	8210020	2.000	Ea
0480	Centerline Corrugations, Milled, HMA	8220013	38,892.000	Ft
0490	Contractor Staking, Road Only	8240007	1.000	LSUM
0500	Staking Plan Errors and Extras, One Person	8240020	10.000	Hr
0510	Staking Plan Errors and Extras, Two Person	8240021	4.000	Hr
0520	Staking Plan Errors and Extras, Three Person	8240022	6.000	Hr