



5/17/2022 1:11 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 001**Letting Date:** July 1, 2022**Contract ID:** 82111-213922**Description:** Design-Build Project: Design and construction of permanent standby generators & associated ancillary infrastructure to improve up to 19 different existing pump stations, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213922A	N/A	N/A	M 82111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Design-Build for JN 213922 (Max. \$6,511,500)	1027051	1.000	LSUM
0010	_ No Excuse Site Completion Incentive	1027060	200,000.000	Dlr
0015	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0020	Dispute Review Board, Progress Meeting	1040050	14,000.000	Dlr
0025	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0030	_ DTE Gas Service Installation	8007060	360,000.000	Dlr



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 002**Letting Date:** July 1, 2022**Contract ID:** 78042-215111

Description: 8.05 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, traffic recorder replacement and pavement markings on M-60 from east of the west junction with M-66 to east of Hack Road and on US-12 from west of Fairview Drive east to west of Grass Lake Lane, Saint Joseph and Branch Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215111A	N/A	N/A	M 78042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$177,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	99.000	Ft
0015	Pavt, Rem	2040050	37.000	Syd
0020	Sidewalk, Rem	2040055	36.000	Syd
0025	Embankment, CIP	2050010	6.000	Cyd
0030	Excavation, Earth	2050016	21.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0040	Subbase, CIP	3010002	13.000	Cyd
0045	Aggregate Base, 3 inch	3020008	56.000	Syd
0050	Shld, CI II	3070121	910.000	Ton
0055	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0065	Cold Milling HMA Surface	5010002	153,223.000	Syd
0070	HMA Surface, Rem	5010005	68.000	Syd
0075	Longit Joint Density Quality Initiative	5010018	52,730.000	Dlr
0080	Hand Patching	5010025	9.000	Ton
0085	HMA Approach	5010061	407.000	Ton
0090	HMA, 5EML	5012037	13,471.000	Ton
0095	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	30.000	Syd
0100	_ Curb and Gutter, Conc, Det F3, Modified	8027001	25.000	Ft
0105	Detectable Warning Surface	8030010	67.000	Ft
0110	Curb Ramp Opening, Conc	8030030	100.000	Ft
0115	Curb Ramp, Conc, 6 inch	8032002	693.000	Sft
0120	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	90.000	Ft
0125	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0130	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	25,580.000	Ft

0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	77,400.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	25,580.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	77,400.000	Ft
0155	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0160	Recessing Pavt Mrkg, Transv	8110451	526.000	Sft
0165	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,210.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,210.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,300.000	Ft
0200	Sign Cover	8120310	10.000	Ea
0205	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0210	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	1,628.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	1,628.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	292.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	90.000	Ft
0240	Rumble Strip, Temp, Portable, Furn	8122188	36.000	Ea
0245	Rumble Strip, Temp, Portable, Oper	8122189	36.000	Ea
0250	Site Preparation, Max \$200.00	8150001	1.000	LSUM
0255	Slope Restoration, Non-Freeway, Type A	8162001	26.000	Syd
0260	_ PTR Site, Loops and Piezo Sensors	8207051	1.000	LSUM
0265	Monument Box Adj	8210005	1.000	Ea
0270	Protect Corners	8210020	2.000	Ea
0275	Centerline Corrugations, Milled, HMA	8220013	35,150.000	Ft
0280	Non-Freeway Shld Corrugations, Milled, HMA	8220025	32,600.000	Ft
0285	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 003**Letting Date:** July 1, 2022**Contract ID:** 47082-213308**Description:** Traffic signal modernization, concrete curb and gutter, sidewalk and sidewalk ramps on M-59 at Michigan Avenue/Oak Grove Road in the city of Howell, Livingston County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213308A	N/A	N/A	M 47082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$32,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	214.000	Ft
0015	Sidewalk, Rem	2040055	118.000	Syd
0020	Exploratory Investigation, Vertical	2040080	25.000	Ft
0025	Embankment, CIP	2050010	1.000	Cyd
0030	Excavation, Earth	2050016	1.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Aggregate Base, 4 inch	3020010	12.000	Syd
0045	Aggregate Base, 6 inch	3020016	184.000	Syd
0050	HMA Surface, Rem	5010005	50.000	Syd
0055	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	13.000	Syd
0060	Lane Tie, Epoxy Anchored	6030030	38.000	Ea
0065	Curb and Gutter, Conc, Det B1	8020015	170.000	Ft
0070	Detectable Warning Surface	8030010	43.000	Ft
0075	Curb Ramp Opening, Conc	8030030	44.000	Ft
0080	Sidewalk, Conc, 4 inch	8030044	107.000	Sft
0085	Curb Ramp, Conc, 6 inch	8032002	1,006.000	Sft
0090	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	370.000	Ft
0095	Rem Spec Mrkg	8110343	200.000	Sft
0100	Recessing Pavt Mrkg, Transv	8110451	185.000	Sft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0115	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Ltg for Night Work	8120160	1.000	LSUM
0135	Minor Traf Devices	8120170	1.000	LSUM

0140	Plastic Drum, Fluorescent, Furn	8120252	72.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	72.000	Ea
0150	Sign Cover	8120310	6.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0165	Sign, Type A, Temp, Prismatic, Furn	8120340	42.000	Sft
0170	Sign, Type A, Temp, Prismatic, Oper	8120341	42.000	Sft
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	440.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	440.000	Sft
0185	Slope Restoration, Non-Freeway, Type A	8162001	14.000	Syd
0190	Conduit, DB, 1, 1 1/2 inch	8182048	140.000	Ft
0195	Conduit, DB, 3, 3 inch	8182056	30.000	Ft
0200	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0205	Cable, Sec, 600V, 1, 3/C#6	8182238	230.000	Ft
0210	Hh, Polymer Conc	8182309	2.000	Ea
0215	Hh, Round	8182310	3.000	Ea
0220	Hh, Round, 3 foot dia	8182319	1.000	Ea
0225	Hh, Rem	8182330	7.000	Ea
0230	Wood Pole, Rem	8182363	2.000	Ea
0235	Serv Disconnect	8182366	1.000	Ea
0240	Serv Disconnect, Rem	8182367	1.000	Ea
0245	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0250	_ Conduit, DB, 1, 1 inch	8187001	15.000	Ft
0255	Case Sign, One Way, 12 inch by 27 inch, Salv	8200006	2.000	Ea
0260	Case Sign, Rem	8200020	2.000	Ea
0265	Controller and Cabinet, Rem	8200030	1.000	Ea
0270	Controller Fdn, Base Mtd	8200045	1.000	Ea
0275	Controller Fdn, Rem	8200046	1.000	Ea
0280	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0285	Pedestal, Alum	8200100	3.000	Ea
0290	Pedestal, Fdn	8200105	3.000	Ea
0295	Pedestal Fdn, Rem	8200106	3.000	Ea
0300	Pedestal, Rem	8200110	2.000	Ea
0305	Pushbutton, Rem	8200122	4.000	Ea
0310	Pushbutton, Pedestal, Rem	8200124	1.000	Ea
0315	Push Button Station and Sign	8200128	4.000	Ea
0320	Span Wire	8200140	4.000	Ea
0325	Span Wire, Rem	8200141	4.000	Ea
0330	Span Wire Tether	8200142	4.000	Ea
0335	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
0340	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
0345	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
0350	Cabinet, NEMA Type	8200186	1.000	Ea

0355	TS, One Way Span Wire Mtd, Salv	8200191	8.000	Ea
0360	Pedestrian Signal System, Accessible	8200240	1.000	Ea
0365	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	4.000	Ea
0370	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0375	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0380	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	3.000	Ea
0385	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
0390	Video Traf Detection System	8200380	1.000	Ea
0395	Video Traf Detection Camera	8200381	2.000	Ea
0400	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0405	Strain Pole Fdn, 6 Bolt	8200470	63.000	Ft
0410	Casing	8200480	52.000	Ft
0415	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0420	Backplate, TS	8200501	14.000	Ea
0425	Multi-Sensor Vehicle Detection System	8200532	1.000	Ea
0430	Multi-Sensor Vehicle Detection Sensor	8200535	2.000	Ea
0435	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0440	Contractor Staking	8240001	1.000	LSUM
0445	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0450	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0455	Lightning Protection, Pole	8260021	1.000	Ea



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 004**Letting Date:** July 1, 2022**Contract ID:** 13045-214484**Description:** 1.23 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-227 from 15-1/2 Mile Road easterly to Old 27/17 Mile Road, Calhoun County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214484A	N/A	N/A	M 13045

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$26,600.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	175.000	Ton
0015	Cold Milling HMA Surface	5010002	19,094.000	Syd
0020	Longit Joint Density Quality Initiative	5010018	7,750.000	Dlr
0025	Hand Patching	5010025	1.000	Ton
0030	HMA Approach	5010061	167.000	Ton
0035	HMA, 5EML	5012037	1,415.000	Ton
0040	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0045	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0055	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,100.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,100.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	190.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,100.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,100.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	190.000	Ft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Recessing Pavt Mrkg, Transv	8110451	387.000	Sft
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	18.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	18.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	160.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	160.000	Ea
0115	Minor Traf Devices	8120170	1.000	LSUM
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	984.000	Ft
0125	Plastic Drum, Fluorescent, Furn	8120252	34.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	34.000	Ea

0135	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	3.000	Ea
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	100.000	Ft
0150	Sign Cover	8120310	6.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	215.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	215.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	40.000	Ft
0185	Monument Box	8210001	3.000	Ea
0190	Monument Preservation	8210010	3.000	Ea
0195	Centerline Corrugations, Milled, HMA	8220013	5,200.000	Ft
0200	Contractor Staking	8240001	1.000	LSUM
0205	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220701 005

Letting Date: July 1, 2022

Contract ID: 41000-210607

Description: 2.03 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Wolverine Boulevard from 10 Mile Road northerly to 11 Mile Road and Northland Drive from 11 Mile Road northerly to 12 Mile Road, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210607A	22A0563	N/A	ST 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$220,400.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0015	_ Project Cleanup, Modified	2097051	1.000	LSUM
0020	_ Aggregate Base, Modified	3027031	800.000	Ton
0025	Approach, CI III	3070041	15.000	Ton
0030	_ Aggregate Surface Grading	3077002	44.000	Sta
0035	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0040	Dr Structure, Temp Lowering	4030390	3.000	Ea
0045	Cold Milling HMA Surface	5010002	55,804.000	Syd
0050	HMA Surface, Rem	5010005	32,096.000	Syd
0055	HMA, 2C	5010030	18,500.000	Ton
0060	HMA Approach	5010061	20.000	Ton
0065	HMA, 5EMH	5012038	8,350.000	Ton
0070	_ HMA Spillway	5047001	51.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, White	8110231	26,000.000	Ft
0080	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,000.000	Ft
0085	_ Pavt Mrkg, Waterborne, 24 Inch, Stop Bar	8117001	236.000	Ft
0090	_ Pavt Mrkg, Waterborne, 6 Inch, Crosswalk	8117001	1,000.000	Ft
0095	_ Pavt Mrkg, Waterborne, Lt Turn Arrow	8117050	16.000	Ea
0100	_ Pavt Mrkg, Waterborne, Rt Turn Arrow	8117050	8.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	76.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	76.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Plastic Drum, Fluorescent, Furn	8120252	584.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	584.000	Ea
0150	Sign Cover	8120310	8.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	1,722.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,722.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	157.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	157.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Riprap, Plain	8130010	50.000	Syd
0185	_ Roadside Seeding	8167011	2,000.000	Syd
0190	Monument Box	8210001	2.000	Ea
0195	Protect Corners	8210020	2.000	Ea
0200	Water Shutoff, Adj, Case 1	8230421	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220701 006

Letting Date: July 1, 2022

Contract ID: 50000-206526

Description: 2.00 mi of concrete milling and hot mix asphalt overlay, sidewalk ramps and pavement markings on Hayes Road from M-59 (Hall Road) south to south of 18 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206526A	22A0570	N/A	ST 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$380,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	4,100.000	Ft
0015	Pavt, Rem	2040050	1,750.000	Syd
0020	Sidewalk, Rem	2040055	260.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	67.000	Ea
0030	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0035	Project Cleanup	2090001	1.000	LSUM
0040	Aggregate Base, 4 inch	3020010	1,400.000	Syd
0045	_ Aggregate Base, Repair	3027031	510.000	Ton
0050	Sewer, CI IV, 12 inch, Tr Det B	4020987	28.000	Ft
0055	Dr Structure Cover, Type D	4030025	8.000	Ea
0060	Dr Structure Cover, Type K	4030050	59.000	Ea
0065	Dr Structure, 48 inch dia	4030210	2.000	Ea
0070	Dr Structure, Cleaning	4030290	80.000	Ea
0075	Dr Structure, Temp Lowering	4030390	80.000	Ea
0080	_ Dr Structure, Adj, Add Depth, Modified	4037001	48.000	Ft
0085	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	80.000	Ea
0090	_ Dr Structure Cover, Type B, Modified	4037050	13.000	Ea
0095	Pavt, Cleaning	5010001	1.000	LSUM
0100	Pavt Joint and Crack Repr, Det 7	5010020	28,500.000	Ft
0105	Hand Patching	5010025	1,440.000	Ton
0110	HMA Approach	5010061	770.000	Ton
0115	HMA, 5EMH	5012038	13,500.000	Ton
0120	_ Cold Milling Existing Pavement, 3 inch Deep	5017011	75,000.000	Syd
0125	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	870.000	Syd
0130	Lane Tie, Epoxy Anchored	6030030	13,600.000	Ea
0135	_ Expansion Joint Filler, 1 inch x 6 inch	6037001	2,190.000	Ft

0140	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6037011	12,900.000	Syd
0145	_ Pavt Repr, Rem, Modified	6037011	12,900.000	Syd
0150	_ Driveway, Nonreinf Conc 6 inch, Modified	8017011	1,000.000	Syd
0155	Curb and Gutter, Conc, Det F3	8020037	1,600.000	Ft
0160	Curb and Gutter, Conc, Det F5	8020039	1,000.000	Ft
0165	Driveway Opening, Conc, Det M	8020050	1,500.000	Ft
0170	Curb Ramp Opening, Conc	8030030	80.000	Ft
0175	Sidewalk, Conc, 4 inch	8030044	875.000	Sft
0180	_ Sidewalk Ramp, ADA, Modified	8037010	1,150.000	Sft
0185	Pavt Mrkg, Polyurea, 4 inch, White	8110091	8,800.000	Ft
0190	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	26,320.000	Ft
0195	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,140.000	Ft
0200	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	302.000	Ft
0205	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea
0210	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0215	Recessing Pavt Mrkg, Longit	8110450	35,120.000	Ft
0220	Recessing Pavt Mrkg, Transv	8110451	2,440.000	Sft
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	620.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	620.000	Ea
0245	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	8,800.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	26,000.000	Ft
0270	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,550.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,400.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0290	Sign Cover	8120310	21.000	Ea
0295	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	2,560.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	2,560.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,220.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,220.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Pavt Mrkg, Type NR, 6 inch, Crosswalk, Temp	8127001	360.000	Ft
0335	_ Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar, Temp	8127001	324.000	Ft
0340	_ Turf Establishment, Performance	8167011	384.000	Syd

0345	Monument Box Adj	8210005	4.000	Ea
------	------------------	---------	-------	----

Schedule of Pay Items

Report v1

Letting Call: 220701 007

Letting Date: July 1, 2022

Contract ID: 25000-211814

Description: 0.29 mi of hot mix asphalt cold milling and resurfacing, high friction surface treatment, signing and pavement markings on Seymour Road north of Farrand Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211814A	22A0548	N/A	HRRR 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$19,600.00	1100001	1.000	LSUM
0010	_ Pavt, Rem, Modified	2047011	1,288.000	Syd
0015	Ditch Cleanout	2050006	9.000	Sta
0020	Embankment, CIP	2050010	70.000	Cyd
0025	Excavation, Earth	2050016	54.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0035	Erosion Control, Silt Fence	2080036	100.000	Ft
0040	_ Aggregate Base, Modified	3027031	997.000	Ton
0045	_ Shoulder, CI II, Modified	3077031	100.000	Ton
0050	Cold Milling HMA Surface	5010002	217.000	Syd
0055	HMA, 13A	5010033	494.000	Ton
0060	HMA Approach	5010061	20.000	Ton
0065	High Friction Surface Treatment	5060800	1,504.000	Syd
0070	Post, Mailbox	8070095	6.000	Ea
0075	Post, Steel, 3 lb	8100371	112.000	Ft
0080	Sign, Type IIIB	8100405	47.000	Sft
0085	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0090	Sign, Type III, Rem, Salv	8102003	10.000	Ea
0095	Ground Mtd Sign Support, Rem	8102010	10.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,128.000	Ft
0105	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,128.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,128.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,128.000	Ft
0120	Witness, Log, \$1,250.00	8110351	1.000	Dlr
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea

0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	100.000	Ft
0160	Sign Cover	8120310	6.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	266.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	266.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	65.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	65.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	_ Turf Establishment, Performance	8167011	267.000	Syd



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 008**Letting Date:** July 1, 2022**Contract ID:** 32000-212484

Description: Exterior masonry, roof, stair and handrail repairs, replace windows and doors and lightning protection system on Spring Street at Port Austin Reef Light Station in the village of Port Austin, Huron County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212484A	22A0551	N/A	TAL 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$54,700.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Concrete Cracks	8507001	102.000	Ft
0020	_ Railing Repairs and Painting	8507001	68.000	Ft
0025	_ Replace Exterior Wood Trim	8507001	24.000	Ft
0030	_ Steel Lintel Replacement	8507001	8.000	Ft
0035	_ Concrete Patching	8507010	236.000	Sft
0040	_ Historic Masonry Cleaning	8507010	3,780.000	Sft
0045	_ Historic Masonry Repointing & Replacement	8507010	315.000	Sft
0050	_ Metal Roofing Repair	8507010	30.000	Sft
0055	_ Chimney Stack Repair	8507050	1.000	Ea
0060	_ Door Fabrication, Installation, and Painting	8507050	1.000	Ea
0065	_ Emergency Generator and Enclosure	8507050	1.000	Ea
0070	_ Framing of Dormer	8507050	1.000	Ea
0075	_ Remove and Replace Existing Window A	8507050	8.000	Ea
0080	_ Remove and Replace Existing Window B	8507050	1.000	Ea
0085	_ Remove and Replace Existing Window C	8507050	1.000	Ea
0090	_ Remove and Replace Existing Window D	8507050	12.000	Ea
0095	_ Remove and Replace Existing Window E	8507050	4.000	Ea
0100	_ Remove and Replace Existing Window F	8507050	1.000	Ea
0105	_ Remove and Replace Existing Window G	8507050	1.000	Ea
0110	_ Stair Railing Fabrication, Installation, and Painting	8507050	1.000	Ea
0115	_ Wood Shutter Repair	8507050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220701 009

Letting Date: July 1, 2022

Contract ID: 50000-206554

Description: 1.10 mi of concrete pavement milling with hot mix asphalt overlay, concrete patching, shoulder improvements and pavement markings on Powell Road from 32 Mile Road to 33 Mile Road, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206554A	22A0571	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$157,000.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.500	Acre
0015	Curb and Gutter, Rem	2040020	1,042.000	Ft
0020	Guardrail, Rem	2040035	670.000	Ft
0025	Sidewalk, Rem	2040055	54.000	Syd
0030	Embankment, CIP	2050010	50.000	Cyd
0035	Excavation, Earth	2050016	500.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0050	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0055	Project Cleanup	2090001	1.000	LSUM
0060	Aggregate Base, 6 inch	3020016	300.000	Syd
0065	_ Aggregate Base, Repair	3027031	100.000	Ton
0070	Shld, CI II	3070121	710.000	Ton
0075	Culv End Sect, Metal, 18 inch	4010096	4.000	Ea
0080	Culv, CI F, CSP, 18 inch	4010677	200.000	Ft
0085	Dr Structure Cover, Type G	4030040	2.000	Ea
0090	Dr Structure Cover, Type K	4030050	4.000	Ea
0095	Dr Structure Lead, Cleaning, 18 inch	4030118	200.000	Ft
0100	Dr Structure, 48 inch dia	4030210	2.000	Ea
0105	Dr Structure, Cleaning	4030290	8.000	Ea
0110	Dr Structure, Temp Lowering	4030390	5.000	Ea
0115	_ Dr Structure, Adj, Add Depth, Modified	4037001	8.000	Ft
0120	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	8.000	Ea
0125	Pavt for Butt Joints, Rem	5010008	160.000	Syd
0130	Pavt Joint and Crack Repr, Det 7	5010020	15,000.000	Ft
0135	Hand Patching	5010025	300.000	Ton

0140	HMA Approach	5010061	1,060.000	Ton
0145	HMA, 5EMH	5012038	3,600.000	Ton
0150	_ Cold Milling Existing Pavement, 3 inch Deep, Mod	5017011	26,890.000	Syd
0155	Lane Tie, Epoxy Anchored	6030030	8,279.000	Ea
0160	_ Expansion Joint Filler, 1 inch x 6 inch	6037001	670.000	Ft
0165	_ Integral Curb Saw Cutting, Modified	6037001	790.000	Ft
0170	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6037011	8,110.000	Syd
0175	_ Pavt Repr, Rem, Modified	6037011	8,110.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	650.000	Ft
0185	Driveway Opening, Conc, Det M	8020050	610.000	Ft
0190	Spillway, Conc	8020075	10.000	Ft
0195	Detectable Warning Surface	8030010	20.000	Ft
0200	Curb Ramp Opening, Conc	8030030	20.000	Ft
0205	Sidewalk, Conc, 4 inch	8030044	1,100.000	Sft
0210	Guardrail, Type MGS-8	8070004	636.000	Ft
0215	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0220	Guardrail Reflector	8070080	10.000	Ea
0225	Post, Mailbox	8070095	13.000	Ea
0230	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,700.000	Ft
0235	Pavt Mrkg, Polyurea, 6 inch, White	8110094	10,600.000	Ft
0240	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	220.000	Ft
0245	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0250	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0255	Recessing Pavt Mrkg, Longit	8110450	14,256.000	Ft
0260	Recessing Pavt Mrkg, Transv	8110451	316.000	Sft
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0275	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0280	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	270.000	Ea
0285	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	270.000	Ea
0290	Minor Traf Devices	8120170	1.000	LSUM
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,656.000	Ft
0300	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0305	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0315	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	500.000	Sft
0325	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	500.000	Sft
0330	Traf Regulator Control	8120370	1.000	LSUM
0335	Riprap, Plain	8130010	50.000	Syd
0340	_ Turf Establishment, Performance	8167011	1,000.000	Syd
0345	Monument Box Adj	8210005	2.000	Ea
0350	Monument Preservation	8210010	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220701 010

Letting Date: July 1, 2022

Contract ID: 50000-209825

Description: Bridge rehabilitation of 3 structures including epoxy deck overlay, deck patching, replace abutment wingwall slopewalls and deck expansion anchors and approach work on Callens Road over Salt River, Heydenreich Road and 21 Mile Road over Middle Branch Clinton River, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209825A	N/A	N/A	MCS 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,500.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	360.000	Ft
0015	Sidewalk, Rem	2040055	49.000	Syd
0020	_ Pavt, Rem, Modified	2047011	549.000	Syd
0025	Subgrade Undercutting, Type II	2050041	65.000	Cyd
0030	_ Station Grading	2057002	3.000	Sta
0035	Erosion Control, Silt Fence	2080036	500.000	Ft
0040	Project Cleanup	2090001	1.000	LSUM
0045	_ Aggregate Base, 12 inch, Modified	3027011	429.000	Syd
0050	_ Aggregate Base, 4 inch, Modified	3027011	85.000	Syd
0055	_ Aggregate Base, 8 inch, Modified	3027011	356.000	Syd
0060	Geotextile, Stabilization	3080010	145.000	Syd
0065	Joint, Contraction, Cp	6020200	56.000	Ft
0070	Joint, Expansion, E2	6020207	56.000	Ft
0075	Joint, Expansion, E3	6020208	102.000	Ft
0080	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	218.000	Syd
0085	_ Conc Pavt, Nonreinf, 9 inch, Modified	6027011	281.000	Syd
0090	Joint, Expansion, Erg	6030021	99.000	Ft
0095	Spillway, Conc	8020075	10.000	Ft
0100	_ Curb and Gutter, Bridge Approach, Detail 2A, Modified	8027001	55.000	Ft
0105	_ Curb and Gutter, Bridge Approach, Detail 6, Modified	8027001	217.000	Ft
0110	Sidewalk, Conc, 4 inch	8030044	560.000	Sft
0115	_ Sidewalk, Conc, 4 inch, Modified	8037010	200.000	Sft
0120	Guardrail, Type T	8070002	19.000	Ft
0125	Guardrail, Type MGS-8	8070004	29.000	Ft
0130	Guardrail, Curved, Type T	8070011	13.000	Ft

0135	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
0140	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0145	Guardrail, Salv	8070075	76.000	Ft
0150	Guardrail Reflector	8070080	24.000	Ea
0155	Guardrail Anch, Bridge, Det A3	8070150	2.000	Ea
0160	_ Guardrail Anch, Bridge, Det T4, Modified	8077050	2.000	Ea
0165	_ Guardrail Departing Terminal, Type T, Modified	8077050	1.000	Ea
0170	Recessing Pavt Mrkg, Longit	8110450	1,010.000	Ft
0175	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	215.000	Ft
0180	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	920.000	Ft
0185	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	1,350.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,135.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,350.000	Ft
0215	Sign Cover	8120310	134.000	Ea
0220	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0225	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	1,188.000	Sft
0235	Sign, Type B, Temp, Prismatic, Oper	8120351	1,188.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	360.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	360.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	_ Cobble Spillway	8137011	60.000	Syd
0260	_ Turf Establishment	8167011	300.000	Syd

Section: 2

0265	_ Reimbursed Permit Fees	1077060	6,195.000	Dlr
0270	Asbestos Materials, Rem and Disposal	2040001	1,000.000	Dlr
0275	Expansion Joint Device	7060050	140.000	Ft
0280	Expansion Joint Device, Cover Plate	7060051	26.000	Ft
0285	False Decking	7060060	1,100.000	Sft
0290	Reinforcement, Steel, Epoxy Coated	7060092	4,096.000	Lb
0295	_ Conc, Grade 4500, Modified	7067021	30.000	Cyd
0300	_ Substructure Conc, Modified	7067021	8.000	Cyd
0305	Joint Waterproofing	7100001	255.000	Sft
0310	Bridge Railing, Thrie Beam Retrofit	7110006	143.000	Ft
0315	Hand Chipping, Deep	7120004	29.000	Syd
0320	Hand Chipping, Other Than Deck	7120007	450.000	Cft
0325	Patch, Full Depth	7120010	2.000	Cyd
0330	Patch, Forming	7120017	200.000	Sft

0335	Epoxy Ovly	7120020	840.000	Syd
0340	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	466.000	Ea
0345	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	48.000	Ea
0350	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	48.000	Ea
0355	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	180.000	Ea
0360	Structures, Rehabilitation, Rem Portions STR 6316	7120070	1.000	LSUM
0365	Deck Joint, Rem	7120071	140.000	Ft
0370	Patching Conc, C-L	7120112	19.000	Cyd
0375	Embedded Galvanic Anode	7120120	193.000	Ea
0380	Conduit, Schedule 80, 2 inch, Structure	8182093	10.000	Ft
0385	Conduit, Schedule 80, 4 inch, Structure	8182097	60.000	Ft



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 011**Letting Date:** July 1, 2022**Contract ID:** 07000-212299-2**Description:** Culvert replacement with multi-plate pipe arch culvert 87 inch by 63 inch, guardrail and approach work on Froberg Road over Sturgeon Slough Drain, Baraga County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212299A	N/A	N/A	MCS 07000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$32,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Over 48 inch	2030003	3.000	Ea
0015	Embankment, CIP	2050010	225.000	Cyd
0020	Excavation, Channel	2050015	125.000	Cyd
0025	Excavation, Earth	2050016	260.000	Cyd
0030	_ Flowable Fill	2057021	55.000	Cyd
0035	Backfill, Structure, CIP	2060002	190.000	Cyd
0040	Erosion Control, Silt Fence	2080036	195.000	Ft
0045	Subbase, CIP	3010002	75.000	Cyd
0050	Aggregate Base, 8 inch	3020020	290.000	Syd
0055	Aggregate Base, Conditioning	3020050	433.000	Syd
0060	Shld, CI II, 3 inch	3070125	295.000	Syd
0065	Trenching	3070200	3.000	Sta
0070	_ Culv, Multi-Plate Pipe Arch, 87 inch by 63 inch	4017001	174.000	Ft
0075	Culv Bedding, Box Culv	4060005	115.000	Cyd
0080	HMA Surface, Rem	5010005	495.000	Syd
0085	HMA, 4EML	5012025	42.000	Ton
0090	HMA, 5EML	5012037	42.000	Ton
0095	Guardrail, Type MGS-8	8070004	25.000	Ft
0100	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0105	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0110	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0115	_ Guardrail, Modified	8077050	2.000	Ea
0120	Post, Steel, 3 lb	8100371	48.000	Ft
0125	Sign, Type IIIB	8100405	12.000	Sft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	400.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	400.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea

0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	188.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	188.000	Sft
0175	Riprap, Plain	8130011	200.000	Ton
0180	_ Slope Restoration, Modified	8167011	275.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220701 012

Letting Date: July 1, 2022

Contract ID: 54000-209811-2

Description: Bridge rehabilitation project including epoxy overlay, joint replacement, bridge rail repairs trenching and guardrail on Hoover Road over Muskegon River, Mecosta County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209811A	N/A	N/A	MCS 54000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$32,200.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	600.000	Ft
0015	Guardrail, Type B	8070000	338.000	Ft
0020	Guardrail Reflector	8070080	20.000	Ea
0025	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	4.000	Ea
0030	_ Guardrail Approach Terminal, Type 2B	8077050	4.000	Ea
0035	Post, Steel, 3 lb	8100371	78.000	Ft
0040	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0045	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	630.000	Ft
0050	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	100.000	Ft
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	30.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	30.000	Ea
0075	Conc Barrier Ending, Temp, Det 5, Adj	8120060	2.000	Ea
0080	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
0085	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0090	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0095	Conc Barrier, Temp, Adj	8120080	650.000	Ft
0100	Conc Barrier, Temp, Furn	8120081	650.000	Ft
0105	Conc Barrier, Temp, Oper	8120082	650.000	Ft
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Mobile Attenuator	8120180	2.000	Ea
0130	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft

0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0145	PTS System, Temp, Furn	8120270	1.000	Ea
0150	PTS System, Temp, Oper	8120271	1.000	Ea
0155	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0160	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	447.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	447.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Slope Restoration, Non-Freeway, Type C	8162003	915.000	Syd

Section: 2

0185	Expansion Joint Device	7060050	170.000	Ft
0190	False Decking	7060060	1,504.000	Sft
0195	Reinforcement, Steel, Epoxy Coated	7060092	1,995.000	Lb
0200	_ Conc, Grade 4500, Modified	7067021	17.000	Cyd
0205	_ Silane Treatment	7107010	2,178.000	Sft
0210	Pipe Railing, Alum	7110020	20.000	Ft
0215	Hand Chipping, Other Than Deck	7120007	22.000	Cft
0220	Patching Mortar or Conc	7120016	22.000	Cft
0225	Patch, Forming	7120017	96.000	Sft
0230	Epoxy Ovly	7120020	1,327.000	Syd
0235	Deck Joint, Rem	7120071	170.000	Ft
0240	_ Riprap, Heavy, Modified	8137011	156.000	Syd



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 013**Letting Date:** July 1, 2022**Contract ID:** 72000-214267

Description: 3.60 mi of ultra-thin hot mix asphalt overlay, aggregate shoulders and pavement markings on East Houghton Lake Drive from South Long Point Drive to County Road 100 (Markey Road), Roscommon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214267A	22A0568	N/A	ST 72000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$43,800.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	878.000	Ton
0015	HMA Approach	5010061	51.000	Ton
0020	_ HMA, Ultra-Thin, Medium Volume	5047031	3,988.000	Ton
0025	Pavt Mrkg, Waterborne, 4 inch, White	8110231	37,197.000	Ft
0030	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	28,813.000	Ft
0035	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	37,197.000	Ft
0040	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	28,813.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	218.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	218.000	Ea
0055	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0060	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,832.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	16.000	Sft
0090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	16.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 014**Letting Date:** July 1, 2022**Contract ID:** 17000-210994**Description:** 0.25 mi of hot mix asphalt resurfacing, drainage and pavement markings on Whitefish Point Road, Chippewa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210994A	22A0577	N/A	FLAP 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$64,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Fence, Rem	2040025	170.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0025	Sidewalk, Rem	2040055	8.000	Syd
0030	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0035	_ Machine Grading, Modified	2057011	7,950.000	Syd
0040	_ Machine Grading, Trail, Modified	2057011	1,165.000	Syd
0045	Erosion Control, Silt Fence	2080036	2,730.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	Aggregate Base, 6 inch	3020016	9,260.000	Syd
0060	Shld, CI III	3070141	280.000	Ton
0065	Culv, CI E, 12 inch	4010539	72.000	Ft
0070	HMA Surface, Rem	5010005	4,512.000	Syd
0075	HMA, 4EL	5012024	1,575.000	Ton
0080	_ Sidewalk, HMA	5017031	122.000	Ton
0085	_ Conc Pavt, Misc, Reinf, 6 inch	6027011	18.000	Syd
0090	_ Modular Block Wall	7067010	400.000	Sft
0095	Detectable Warning Surface	8030010	70.000	Ft
0100	Sidewalk, Conc, 6 inch	8030046	3,202.000	Sft
0105	_ 6-Foot Parking Blocks	8047050	51.000	Ea
0110	_ 8-Foot Parking Blocks	8047050	7.000	Ea
0115	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0120	Post, Steel, 3 lb	8100371	91.000	Ft
0125	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0130	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0135	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0140	Sign, Type III, Rem	8100403	3.000	Ea

0145	Sign, Type IIIA	8100404	60.000	Sft
0150	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	128.000	Ft
0155	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,285.000	Ft
0160	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,170.000	Ft
0165	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	246.000	Ft
0170	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,812.000	Ft
0175	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Yellow	8110295	804.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0205	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0235	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,280.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	1,280.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Pedestrian Ramp, Temp	8122251	2.000	Ea
0260	Riprap, Plain	8130010	6.000	Syd
0265	_ Dune Grass Planting	8157011	150.000	Syd
0270	_ Bike Rack	8157050	2.000	Ea
0275	Monument Box	8210001	3.000	Ea
0280	Monument Preservation	8210010	3.000	Ea
0285	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 015**Letting Date:** July 1, 2022**Contract ID:** 78041-215608**Description:** 6.14 mi of hot mix asphalt cold milling and resurfacing and pavement markings on M-60 from west of Corey Lake Road to west of US-131 in the city of Three Rivers, Cass and Saint Joseph Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215608A	N/A	N/A	M 78041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$118,600.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	105.000	Ton
0015	Cold Milling HMA Surface	5010002	106,427.000	Syd
0020	Longit Joint Density Quality Initiative	5010018	39,500.000	Dlr
0025	Hand Patching	5010025	1.000	Ton
0030	HMA Approach	5010061	325.000	Ton
0035	HMA, 5EML	5012037	9,310.000	Ton
0040	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0050	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0055	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	17,450.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	60,500.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,750.000	Ft
0070	Pavt Mrkg, Waterborne, 12 inch, White	8110237	235.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	17,450.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	60,500.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,750.000	Ft
0090	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	235.000	Ft
0095	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0100	Recessing Pavt Mrkg, Transv	8110451	366.000	Sft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	770.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	770.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,984.000	Ft
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
0155	Sign Cover	8120310	10.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0165	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	1,023.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	1,023.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	312.000	Ft
0190	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	220.000	Ft
0195	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0200	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0205	Monument Box Adj	8210005	1.000	Ea
0210	Protect Corners	8210020	1.000	Ea
0215	Centerline Corrugations, Milled, HMA	8220013	25,300.000	Ft
0220	Contractor Staking	8240001	1.000	LSUM
0225	Staking Plan Errors and Extras, Max \$180/hour	8240002	13.000	Hr



5/25/2022 1:40 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 016**Letting Date:** July 1, 2022**Contract ID:** 47065-216448

Description: 1.00 mi of concrete pavement repairs on I-96 at D-19 in the city of Howell, Livingston County. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216448A	N/A	N/A	M 47065

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Pavt, Rem	2040050	592.000	Syd
0010	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	592.000	Syd
0015	Joint, Contraction, Cp	6020200	629.000	Ft
0020	Cement	6030005	24.000	Ton
0025	Joint, Contraction, Crg	6030020	4,910.000	Ft
0030	Joint, Expansion, Erg	6030021	12.000	Ft
0035	Lane Tie, Epoxy Anchored	6030030	150.000	Ea
0040	Non-Chloride Accelerator	6030035	1,035.000	Gal
0045	Pavt Repr, Nonreinf Conc, 11 inch	6030050	908.000	Syd
0050	Pavt Repr, Rem	6030080	908.000	Syd
0055	Saw Cut, Intermediate	6030090	715.000	Ft
0060	Ltg for Night Work	8120160	1.000	LSUM



5/26/2022 11:14 AM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 017**Letting Date:** July 1, 2022**Contract ID:** 82142-210075

Description: 10.09 mi of hot mix asphalt cold milling and resurfacing, pavement, curb and gutter repairs, drainage improvements, concrete patching, sidewalk ramp upgrades, traffic signals, signing, bridge rehabilitation includes healer/sealer, partial painting, bearing replacement, superstructure repair, substructure repair, pressure relief joints, concrete surface coating and pavement markings on M-102 from M-39 to M-53 and M-102 and I-75 N Ramp Winchester over I-75 in the cities of Detroit, Ferndale, Hazel Park, Oak Park, Warren and Southfield, Wayne, Oakland and Macomb Counties. This project includes two 5 year and one 3 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty. This project is an OJT VIP project. Please see Special Provision for Preparation and Consideration of Bids on On-The-Job Training Voluntary Incentive Program Projects.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210075A	22A0637	N/A	NH 50143
214276A	22A0638	N/A	IM 82252

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	135,200.000	Dlr
0010	_ Railroad Inspection and Flagging, Grand Trunk Western Railroad Company	1027060	60,000.000	Dlr
0015	_ Railroad Protection, Grand Trunk Western Railroad Company	1027060	7,500.000	Dlr
0020	Dispute Review Board, Hearing	1040010	15,000.000	Dlr
0025	Dispute Review Board, Progress Meeting	1040050	70,000.000	Dlr
0030	_ Audio-Visual Filming	1047051	1.000	LSUM
0035	_ Relocation and Site Cleanup (S10 of 82252)	1077051	1.000	LSUM
0040	Mobilization, Max \$5,581,100.00	1100001	1.000	LSUM
0045	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0055	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	2.000	Ea
0065	Dr Structure, Rem	2030011	51.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,384.000	Ft
0075	Sewer, Rem, 24 inch to 48 inch	2030016	450.000	Ft
0080	_ Abandon Utility, Rem	2037001	1,465.000	Ft
0085	Asbestos Materials, Rem and Disposal	2040001	100,000.000	Dlr
0090	Conc Barrier, Rem	2040010	937.000	Ft
0095	Curb and Gutter, Rem	2040020	8,239.000	Ft
0100	Fence, Rem	2040025	1,559.000	Ft
0105	Guardrail, Rem	2040035	500.000	Ft

0110	Masonry and Conc Structure, Rem	2040045	565.000	Cyd
0115	Pavt, Rem	2040050	65,490.000	Syd
0120	Sidewalk, Rem	2040055	28,827.000	Syd
0125	Exploratory Investigation, Vertical	2040080	5,770.000	Ft
0130	_ Advertising Bench, Rem	2047050	10.000	Ea
0135	_ Impact Attenuator, Rem and Disposal	2047050	5.000	Ea
0140	Embankment, CIP	2050010	7,264.000	Cyd
0145	Excavation, Earth	2050016	19,925.000	Cyd
0150	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,435.000	Cyd
0155	Subgrade Undercutting, Type II	2050041	1,230.000	Cyd
0160	Flowable Fill, Non-Structural	2050148	230.000	Cyd
0165	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0170	Erosion Control, Inlet Protection, Fabric Drop	2080020	1,455.000	Ea
0175	Erosion Control, Inlet Protection, Sediment Trap	2080024	32.000	Ea
0180	Erosion Control, Maintenance, Sediment Rem	2080026	40.000	Cyd
0185	Erosion Control, Silt Fence	2080036	1,600.000	Ft
0190	Project Cleanup	2090001	1.000	LSUM
0195	Subbase, CIP	3010002	3,219.000	Cyd
0200	Aggregate Base	3020001	4,857.000	Ton
0205	Aggregate Base, 4 inch	3020010	15,634.000	Syd
0210	Aggregate Base, 6 inch	3020016	18,806.000	Syd
0215	Aggregate Base, Conditioning	3020050	85,285.000	Syd
0220	Aggregate Base, Conditioning, Surplus and Unsuitable, Rem, LM	3022000	550.000	Cyd
0225	Salv Aggregate Base, Conditioning, LM	3022005	450.000	Cyd
0230	Driveway Maintenance, Commercial	3062000	20.000	Ea
0235	Driveway Maintenance, Residential	3062001	11.000	Ea
0240	Sewer, CI A, 12 inch, Tr Det B	4020033	3,772.000	Ft
0245	Sewer, CI A, 15 inch, Tr Det B	4020034	11.000	Ft
0250	Sewer, CI B, 15 inch, Tr Det B	4020184	10.000	Ft
0255	Sewer, CI E, 12 inch, Tr Det B	4020600	2,716.000	Ft
0260	Sewer Tap, 12 inch	4021204	37.000	Ea
0265	Sewer Tap, 15 inch	4021205	2.000	Ea
0270	Sewer Tap, 18 inch	4021206	4.000	Ea
0275	Sewer Tap, 24 inch	4021207	5.000	Ea
0280	Sewer Tap, 36 inch	4021209	2.000	Ea
0285	Sewer Tap, 42 inch	4021210	1.000	Ea
0290	Video Taping Sewer and Culv Pipe	4021275	6,509.000	Ft
0295	Dr Structure Cover, Adj, Case 1, Modified	4030004	400.000	Ea
0300	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0305	Dr Structure Cover, Adj, Case 2	4030006	328.000	Ea
0310	Dr Structure Cover, Type B	4030010	353.000	Ea
0315	Dr Structure Cover, Type D	4030025	32.000	Ea
0320	Dr Structure Cover, Type E	4030035	1.000	Ea

0325	Dr Structure Cover, Type J	4030045	5.000	Ea
0330	Dr Structure Cover, Type K	4030050	477.000	Ea
0335	Dr Structure Cover, Type R	4030070	84.000	Ea
0340	Dr Structure Cover, Type VG	4030090	24.000	Ea
0345	Dr Structure Lead, Cleaning, 10 inch	4030110	350.000	Ft
0350	Dr Structure Lead, Cleaning, 12 inch	4030112	7,600.000	Ft
0355	Dr Structure Lead, Cleaning, 15 inch	4030115	230.000	Ft
0360	Dr Structure Lead, Cleaning, 18 inch	4030118	1,120.000	Ft
0365	Dr Structure Lead, Cleaning, 24 inch	4030124	310.000	Ft
0370	Dr Structure Lead, Cleaning, 36 inch	4030136	120.000	Ft
0375	Dr Structure, 24 inch dia	4030200	62.000	Ea
0380	Dr Structure, 48 inch dia	4030210	165.000	Ea
0385	Dr Structure, 60 inch dia	4030220	7.000	Ea
0390	Dr Structure, 72 inch dia	4030230	1.000	Ea
0395	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	45.000	Ft
0400	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	14.000	Ft
0405	Dr Structure, Adj, Add Depth	4030280	700.000	Ft
0410	Dr Structure, Cleaning	4030290	150.000	Ea
0415	Dr Structure, Tap, 6 inch	4030306	105.000	Ea
0420	Dr Structure, Tap, 12 inch	4030312	160.000	Ea
0425	Dr Structure, Temp Lowering	4030390	690.000	Ea
0430	Drop Inlet, Type 1	4030395	6.000	Ea
0435	_ Accessible Dr Structure Cover	4037050	3.000	Ea
0440	_ Dr Structure Cover, Type K, Modified	4037050	20.000	Ea
0445	_ Dr Structure Cover, Type VG, Modified	4037050	6.000	Ea
0450	_ Gate Well Cover	4037050	70.000	Ea
0455	_ Gate Well Cover, Adj, Case 1, City of Ferndale	4037050	29.000	Ea
0460	_ Gate Well Cover, Adj, Case 1, City of Hazel Park	4037050	6.000	Ea
0465	_ Gate Well Cover, Adj, Case 1, City of Oak Park	4037050	12.000	Ea
0470	_ Gate Well Cover, Adj, Case 1, City of Southfield	4037050	2.000	Ea
0475	_ Gate Well Cover, Adj, Case 1, City of Warren	4037050	26.000	Ea
0480	_ Gate Well Cover, Adj, Case 1, Detroit Water and Sewerage Department	4037050	82.000	Ea
0485	_ Gate Well Cover, Adj, Case 1, Great Lakes Water Authority	4037050	119.000	Ea
0490	_ Gate Well Cover, Adj, Case 1, Oakland County Water Resources Commission	4037050	4.000	Ea
0495	_ Gate Well Cover, Adj, Case 2, City of Ferndale	4037050	1.000	Ea
0500	_ Gate Well Cover, Adj, Case 2, City of Hazel Park	4037050	1.000	Ea
0505	_ Gate Well Cover, Adj, Case 2, City of Oak Park	4037050	3.000	Ea
0510	_ Gate Well Cover, Adj, Case 2, City of Warren	4037050	11.000	Ea
0515	_ Gate Well Cover, Adj, Case 2, Detroit Water and Sewerage Department	4037050	48.000	Ea
0520	_ Gate Well Cover, Adj, Case 2, Great Lakes Water Authority	4037050	7.000	Ea

0525	_ Gate Well Cover, Adj, Case 2, Oakland County Water Resources Commission	4037050	2.000	Ea
0530	_ Sewer Structure Cover	4037050	30.000	Ea
0535	_ Sewer Structure Cover, Adj, Case 1, City of Ferndale	4037050	41.000	Ea
0540	_ Sewer Structure Cover, Adj, Case 1, City of Warren	4037050	3.000	Ea
0545	_ Sewer Structure Cover, Adj, Case 1, Detroit Water and Sewerage Department	4037050	30.000	Ea
0550	_ Sewer Structure Cover, Adj, Case 2, City of Ferndale	4037050	7.000	Ea
0555	_ Sewer Structure Cover, Adj, Case 2, City of Warren	4037050	2.000	Ea
0560	_ Sewer Structure Cover, Adj, Case 2, Detroit Water and Sewerage Department	4037050	26.000	Ea
0565	Underdrain, Pipe, Open-Graded, 6 inch	4040043	4,389.000	Ft
0570	Underdrain, Subbase, 6 inch	4040063	4,410.000	Ft
0575	Underdrain Outlet, 6 inch	4040093	723.000	Ft
0580	Video Inspection of Underdrain	4040200	9,522.000	Ft
0585	Pavt, Cleaning	5010001	1.000	LSUM
0590	Cold Milling HMA Surface	5010002	665,588.000	Syd
0595	Bump Grinding	5010004	1,250.000	Syd
0600	HMA Surface, Rem	5010005	208,466.000	Syd
0605	HMA Patch, Rem	5010006	900.000	Syd
0610	HMA Quality Initiative	5010007	341,290.000	Dlr
0615	Longit Joint Density Quality Initiative	5010018	611,900.000	Dlr
0620	Pavt Joint and Crack Repr, Det 7	5010020	41,900.000	Ft
0625	Pavt Joint and Crack Repr, Det 8	5010021	12,180.000	Ft
0630	Hand Patching	5010025	7,932.000	Ton
0635	HMA Approach	5010061	145.000	Ton
0640	HMA Approach, High Stress	5010520	20,928.000	Ton
0645	HMA, 5EMH	5012038	30,891.000	Ton
0650	HMA, 4EMH, High Stress	5012074	62,235.000	Ton
0655	HMA, 5EMH, High Stress	5012086	48,514.000	Ton
0660	Conc Base Cse, Nonreinf, 10 inch	6020023	58,463.000	Syd
0665	Joint, Contraction, Cp	6020200	27,716.000	Ft
0670	Joint, Expansion, E2	6020207	414.000	Ft
0675	Joint, Expansion, E3	6020208	172.000	Ft
0680	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	5,652.000	Syd
0685	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	274.000	Syd
0690	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	670.000	Syd
0695	_ Joint, Pressure Relief with Sleeper Slab	6027001	169.000	Ft
0700	_ Conc Pavt, Decorative, Nonreinf, 4 inch	6027011	95.000	Syd
0705	Cement	6030005	978.000	Ton
0710	Joint, Contraction, Crg	6030020	72,972.000	Ft
0715	Joint, Expansion, Erg	6030021	350.000	Ft
0720	Lane Tie, Epoxy Anchored	6030030	62,299.000	Ea
0725	Non-Chloride Accelerator	6030035	34,964.000	Gal
0730	Pavt Repr, Nonreinf Conc, 11 inch	6030050	7,575.000	Syd
0735	Pavt Repr, Rem	6030080	40,695.000	Syd

0740	Saw Cut, Intermediate	6030090	28,080.000	Ft
0745	Conc, Low Temperature Protection	7060020	19,200.000	Cyd
0750	Reflective Marker, Permanent Barrier	7110003	106.000	Ea
0755	Bridge Railing, Thrie Beam Retrofit	7110006	1,375.000	Ft
0760	Bolt, Adhesive Anchored, 1/2 inch	7120040	8.000	Ea
0765	Obstruction Rem	7180100	100,000.000	Dlr
0770	_ Impact Attenuator, Test Level-3, Furn and Install, Type 3	8007050	6.000	Ea
0775	_ Restricted Excavation Marker, Relocate	8007050	2.000	Ea
0780	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0785	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0790	Driveway, Nonreinf Conc, 6 inch	8010005	892.000	Syd
0795	Driveway, Nonreinf Conc, 8 inch	8010007	13,805.000	Syd
0800	Curb and Gutter, Conc, Det B1	8020015	1,265.000	Ft
0805	Curb and Gutter, Conc, Det F3	8020037	39.000	Ft
0810	Curb and Gutter, Conc, Det F5	8020039	20,256.000	Ft
0815	Curb and Gutter, Conc, Det F6	8020040	332.000	Ft
0820	Driveway Opening, Conc, Det M	8020050	24,227.000	Ft
0825	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0830	Spillway, Conc	8020075	24.000	Ft
0835	Divider, Conc, Type I	8022000	1,007.000	Sft
0840	_ Curb and Gutter, Conc, Det F5, Modified, Case 1	8027001	17,374.000	Ft
0845	_ Curb and Gutter, Conc, Det F5, Modified, Case 2	8027001	1,601.000	Ft
0850	_ Valley Gutter, Conc, 2 Foot	8027001	4,822.000	Ft
0855	_ Valley Gutter, Conc, 4 Foot	8027001	4,570.000	Ft
0860	Detectable Warning Surface	8030010	2,367.000	Ft
0865	Curb Ramp Opening, Conc	8030030	3,946.000	Ft
0870	Sidewalk, Conc, 4 inch	8030044	55,164.000	Sft
0875	Sidewalk, Conc, 6 inch	8030046	11,523.000	Sft
0880	Sidewalk, Conc, 8 inch	8030048	123,347.000	Sft
0885	Curb Ramp, Conc, 6 inch	8032002	83,260.000	Sft
0890	_ Conc Pavers, Rem and Salv	8037010	1,053.000	Sft
0895	_ Existing Sidewalk, Clean and Edge	8037010	1,800.000	Sft
0900	_ Reinstall Conc Pavers on Aggregate and Sand Bed	8037010	920.000	Sft
0905	Glare Screen, Conc	8040015	2,361.000	Ft
0910	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	2,343.000	Ft
0915	_ Low Profile Barrier, Single Face	8047001	2,680.000	Ft
0920	_ Conc Barrier, Double Face, Mh Panel	8047050	4.000	Ea
0925	_ Low Profile Barrier Transition, Type 1	8047050	30.000	Ea
0930	Guardrail, Type B	8070000	25.000	Ft
0935	Guardrail, Type BD	8070001	25.000	Ft
0940	Guardrail, Type T	8070002	38.000	Ft
0945	Guardrail, Type MGS-8	8070004	751.000	Ft
0950	Guardrail, Type MGS-8D	8070009	1,075.000	Ft

0955	Guardrail, Curved, Type B	8070010	63.000	Ft
0960	Guardrail, Curved, Type MGS-8	8070012	47.000	Ft
0965	Guardrail Approach Terminal, Type 3B	8070038	5.000	Ea
0970	Guardrail Approach Terminal, Type 2M	8070044	17.000	Ea
0975	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0980	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0985	Guardrail Departing Terminal, Type MGS	8070052	20.000	Ea
0990	Guardrail, Salv	8070075	8,695.000	Ft
0995	Guardrail Reflector	8070080	128.000	Ea
1000	Guardrail Post, Furn and Install, 72 inch	8070101	28.000	Ea
1005	Guardrail Post, Furn and Install, 84 inch	8070102	13.000	Ea
1010	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
1015	Guardrail Anch, Bridge, Det A3	8070150	6.000	Ea
1020	Guardrail Anch, Bridge, Det M1, Curved	8072036	2.000	Ea
1025	Guardrail Anch, Bridge, Det M3, Curved	8072038	1.000	Ea
1030	Guardrail, Reconst, Type MGS-8	8072078	213.000	Ft
1035	_ Guardrail Anch, Bridge, Det M1, Curved, Modified	8077050	1.000	Ea
1040	_ Hand Digging Guardrail Post	8077050	14.000	Ea
1045	Fence, Protective	8080007	2,000.000	Ft
1050	Fence, Chain Link, 48 inch	8080011	109.000	Ft
1055	Fence Gate, 12 foot, for 48 inch Chain Link Fence	8080051	2.000	Ea
1060	_ Fence, Chain Link with Wire Rope, 48 inch	8087001	1,438.000	Ft
1065	Band, Sign	8100010	406.000	Ea
1070	Bridge Sign Connection, Bolt Replacement	8100020	15.000	Ea
1075	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
1080	Bridge Sign Connection, Type A, Rem	8100080	8.000	Ea
1085	Cantilever, Rem	8100090	1.000	Ea
1090	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1095	Fdn, Cantilever, Rem	8100190	1.000	Ea
1100	Installing MDOT Supplied Sign, Type III	8100302	20.000	Ea
1105	Median Barrier Connection, Conc	8100310	1.000	Ea
1110	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
1115	Post Hole Through Conc for Steel Post	8100340	92.000	Ea
1120	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
1125	Post, Steel, 3 lb	8100371	31,772.000	Ft
1130	Post, Wood, 4 inch by 6 inch	8100380	1,316.000	Ft
1135	Post, Wood, 6 inch by 8 inch	8100382	1,166.000	Ft
1140	Sign, Type I, Rem	8100391	25.000	Ea
1145	Sign, Type IA	8100392	2,338.000	Sft
1150	Sign, Type II, Rem	8100397	230.000	Ea
1155	Sign, Type IIA	8100398	1,556.000	Sft
1160	Sign, Type IIB	8100399	138.000	Sft
1165	Sign, Type III, Erect, Salv	8100402	15.000	Ea
1170	Sign, Type III, Rem	8100403	1,987.000	Ea
1175	Sign, Type IIIA	8100404	3,705.000	Sft

1180	Sign, Type IIIB	8100405	9,132.000	Sft
1185	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1190	Sign, Type VB	8100425	1,915.000	Sft
1195	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
1200	Reflective Panel for Permanent Sign Support, 6 foot	8100616	214.000	Ea
1205	Sign, Type III, Rem, Salv	8102003	23.000	Ea
1210	Ground Mtd Sign Support, Rem	8102010	2,200.000	Ea
1215	_ Boltdown Stub, Conc, Perforated Steel Square Tube	8107050	2.000	Ea
1220	_ Hand Digging Sign Post	8107050	20.000	Ea
1225	_ Post, Delineator, 36 inch, White	8107050	4.000	Ea
1230	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	37.000	Ft
1235	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	195.000	Ea
1240	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	16.000	Ea
1245	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	8.000	Ea
1250	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	77.000	Ea
1255	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
1260	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	10.000	Ea
1265	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	8,683.000	Ft
1270	Pavt Mrkg, Polyurea, Bike, Large Sym	8110104	4.000	Ea
1275	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	317.000	Ft
1280	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	145.000	Ft
1285	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	4,656.000	Ft
1290	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	6,903.000	Ft
1295	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	18,750.000	Ft
1300	Rem Curing Compound, for Spec Mrkg	8110321	288.000	Sft
1305	Rem Spec Mrkg	8110343	1,500.000	Sft
1310	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
1315	Recessing Pavt Mrkg, Longit	8110450	149,950.000	Ft
1320	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	400.000	Ft
1325	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	137,684.000	Ft
1330	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	12,781.000	Ft
1335	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	445.000	Ft
1340	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	17,403.000	Ft
1345	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	4.000	Ea
1350	_ Pavt Mrkg, Bike Lane, Green	8117010	1,500.000	Sft
1355	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	1,070.000	Ea
1360	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	1,070.000	Ea
1365	Pedestrian Type II Barricade, Temp	8120026	120.000	Ea
1370	Pedestrian Type II Channelizer, Temp	8120027	6,000.000	Ft
1375	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,080.000	Ea
1380	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,080.000	Ea
1385	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
1390	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea

1395	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
1400	Conc Barrier Reflector Replacement	8120070	100.000	Ea
1405	Conc Barrier, Temp, Adj	8120080	1,720.000	Ft
1410	Conc Barrier, Temp, Furn	8120081	1,720.000	Ft
1415	Conc Barrier, Temp, Oper	8120082	1,720.000	Ft
1420	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1425	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1430	Lighted Arrow, Type C, Furn	8120140	22.000	Ea
1435	Lighted Arrow, Type C, Oper	8120141	22.000	Ea
1440	Ltg for Night Work	8120160	1.000	LSUM
1445	Minor Traf Devices	8120170	1.000	LSUM
1450	Mobile Attenuator	8120180	4.000	Ea
1455	Pavt Mrkg Cover, Type R, Black	8120200	10,543.000	Ft
1460	Plastic Drum, Fluorescent, Furn	8120252	4,031.000	Ea
1465	Plastic Drum, Fluorescent, Oper	8120253	4,031.000	Ea
1470	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	23,903.000	Ft
1475	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	6,120.000	Ft
1480	Sign Cover	8120310	1,685.000	Ea
1485	Sign Cover, Type I	8120320	20.000	Ea
1490	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	13.000	Ea
1495	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	13.000	Ea
1500	Sign, Type A, Temp, Prismatic, Furn	8120340	1,796.000	Sft
1505	Sign, Type A, Temp, Prismatic, Oper	8120341	1,796.000	Sft
1510	Sign, Type B, Temp, Prismatic, Furn	8120350	24,570.000	Sft
1515	Sign, Type B, Temp, Prismatic, Oper	8120351	24,570.000	Sft
1520	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,578.000	Sft
1525	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,578.000	Sft
1530	Traf Regulator Control	8120370	1.000	LSUM
1535	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	133,100.000	Ft
1540	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	98,840.000	Ft
1545	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	276,460.000	Ft
1550	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	4,821.000	Ft
1555	Speed Radar Trailer, Temp	8122028	4.000	Ea
1560	Pedestrian Path, Temp	8122250	5,000.000	Ft
1565	Pedestrian Ramp, Temp	8122251	100.000	Ea
1570	Site Preparation, Max \$7,900.00	8150001	1.000	LSUM
1575	Watering and Cultivating, First Season, Min \$3,900.00	8150002	1.000	LSUM
1580	Watering and Cultivating, 2nd Season, Min \$4,700.00	8150003	1.000	LSUM
1585	_ Amelanchier x grandifolia 'Autumn Brilliance', clump form, 8 foot	8157050	17.000	Ea

1590	_ Crataegus crusgalli 'Inermis', clump form, 8 foot	8157050	4.000	Ea
1595	_ Ginko biloba 'Autumn Gold', 2 1/2 inch	8157050	4.000	Ea
1600	_ Malus 'Prairie Fire', 2 1/2 inch	8157050	20.000	Ea
1605	_ Syringa reticulata 'Ivory Pillar', 2 1/2 inch	8157050	4.000	Ea
1610	Slope Restoration, Non-Freeway, Type B	8162002	44,300.000	Syd
1615	_ Decorative Stone, Rem, Salv and Reinstall	8167010	730.000	Sft
1620	_ Shredded Bark Mulch, Rem, Salv and Reinstall	8167010	4,812.000	Sft
1625	_ Mulch, Shredded Bark	8167021	25.000	Cyd
1630	Conduit, Rem	8182000	2,616.000	Ft
1635	Conduit, Encased, 4, 3 inch	8182007	1,000.000	Ft
1640	Conduit, Encased, 8, 3 inch	8182011	1,000.000	Ft
1645	Conduit, Encased, 12, 3 inch	8182015	1,000.000	Ft
1650	Conduit, Directional Bore, 1, 3 inch	8182035	930.000	Ft
1655	Conduit, Directional Bore, 2, 3 inch	8182037	1,652.000	Ft
1660	Conduit, Directional Bore, 3, 3 inch	8182039	185.000	Ft
1665	Conduit, DB, 1, 1 1/2 inch	8182048	2,353.000	Ft
1670	Conduit, DB, 1, 3 inch	8182050	70.000	Ft
1675	Conduit, DB, 2, 3 inch	8182053	265.000	Ft
1680	Conduit, DB, 3, 3 inch	8182056	1,082.000	Ft
1685	Conduit, DB, 4, 3 inch	8182059	119.000	Ft
1690	Cable, Rem	8182196	1,860.000	Ft
1695	Cable, Intercn, Rem	8182198	3,300.000	Ft
1700	Cable, Sec, Rem	8182199	5,165.000	Ft
1705	Cable Pole, Sec, Disman	8182206	4.000	Ea
1710	Cable Pole, TS and Sec, Disman	8182209	7.000	Ea
1715	Cable Pole, TS, Disman	8182210	14.000	Ea
1720	Cable, Sec, 600V, 1, 3/C#6	8182238	1,225.000	Ft
1725	Cable, Sec, Triplex, 1, 3/C#4	8182262	1,260.000	Ft
1730	Hh, Polymer Conc	8182309	57.000	Ea
1735	Hh, Round	8182310	142.000	Ea
1740	Hh, Round, 3 foot dia	8182319	11.000	Ea
1745	Hh, Adj	8182328	112.000	Ea
1750	Hh, Rem	8182330	82.000	Ea
1755	Wood Pole	8182347	5.000	Ea
1760	Wood Pole, Rem	8182363	6.000	Ea
1765	Serv Disconnect	8182366	38.000	Ea
1770	Serv Disconnect, Rem	8182367	25.000	Ea
1775	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
1780	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
1785	_ Cable, Rem and Salv	8187001	1,000.000	Ft
1790	_ Cable, Sec, Triplex, 1, 3/C#6	8187001	1,540.000	Ft
1795	_ Conduit, DB, 1, 1 inch	8187001	570.000	Ft
1800	_ Hh, Replace Frame and Cover, Detroit Public Lighting Department	8187050	51.000	Ea
1805	Light Std Arm, Install	8190275	5.000	Ea

1810	Light Std Arm, Rem	8190277	1.000	Ea
1815	Light Std Arm, Rem and Salv	8190278	5.000	Ea
1820	Light Std Shaft, Rem	8190305	1.000	Ea
1825	Luminaire, Install Salv	8190350	5.000	Ea
1830	Luminaire, Rem	8190360	1.000	Ea
1835	Luminaire, Rem and Salv	8190365	5.000	Ea
1840	Case Sign, Rem	8200020	44.000	Ea
1845	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	37.000	Ea
1850	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	101.000	Ea
1855	Controller and Cabinet, Rem	8200030	29.000	Ea
1860	Controller Fdn, Base Mtd	8200045	10.000	Ea
1865	Controller Fdn, Rem	8200046	10.000	Ea
1870	Global Positioning System Module	8200050	29.000	Ea
1875	Global Positioning System Module, Rem	8200053	18.000	Ea
1880	Fdn, Rem	8200065	76.000	Ea
1885	Louver	8200080	7.000	Ea
1890	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	29.000	Ea
1895	Pedestal, Alum	8200100	51.000	Ea
1900	Pedestal, Fdn	8200105	82.000	Ea
1905	Pedestal Fdn, Rem	8200106	35.000	Ea
1910	Pedestal, Rem	8200110	34.000	Ea
1915	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
1920	Power Co. (Est. Cost to Contractor)	8200116	69,800.000	Dlr
1925	Pedestal, Pushbutton, Alum	8200118	30.000	Ea
1930	Pushbutton and Sign	8200121	64.000	Ea
1935	Pushbutton, Rem	8200122	18.000	Ea
1940	Span Wire	8200140	101.000	Ea
1945	Span Wire, Rem	8200141	51.000	Ea
1950	Span Wire Tether	8200142	100.000	Ea
1955	Steel Pole, Rem	8200145	75.000	Ea
1960	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
1965	Strain Pole, Steel, Anchor Base, 30 foot	8200155	2.000	Ea
1970	Strain Pole, Steel, Anchor Fdn	8200165	2.000	Ea
1975	TS, Bracket Arm Mtd, Rem	8200175	14.000	Ea
1980	TS, Pedestal Mtd, Rem	8200179	15.000	Ea
1985	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	48.000	Ea
1990	TS, Pedestrian, Pedestal Mtd, Rem	8200181	26.000	Ea
1995	TS, Span Wire Mtd, Rem	8200182	94.000	Ea
2000	Cabinet, Rem	8200184	1.000	Ea
2005	Cabinet, NEMA Type	8200186	29.000	Ea
2010	TS, One Way Span Wire Mtd (LED)	8200313	313.000	Ea
2015	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
2020	TS, One Way Bracket Arm Mtd (LED)	8200333	25.000	Ea
2025	TS, Two Way Bracket Arm Mtd (LED)	8200335	1.000	Ea
2030	TS, Pedestrian, One Way Bracket Arm Mtd (LED)	8200336	28.000	Ea

	Countdown			
2035	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	35.000	Ea
2040	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
2045	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	40.000	Ea
2050	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	11.000	Ea
2055	TS, One Way Mast Arm Mtd (LED)	8200359	16.000	Ea
2060	TS, Antenna	8200367	1.000	Ea
2065	TS, Antenna, Rem	8200368	3.000	Ea
2070	Bracket, Truss, Rem	8200388	5.000	Ea
2075	Wireless Interchn, Closed Loop, Rem	8200396	8.000	Ea
2080	Junction Box, Span Wire	8200456	98.000	Ea
2085	Junction Box, Rem	8200457	53.000	Ea
2090	TS Face, Bag	8200458	230.000	Ea
2095	TS Face, Bag, Rem	8200459	230.000	Ea
2100	Strain Pole, Steel, 6 bolt, 30 foot	8200460	108.000	Ea
2105	Strain Pole, Steel, 6 bolt, 36 foot	8200461	22.000	Ea
2110	Strain Pole Fdn, 6 Bolt	8200470	1,821.000	Ft
2115	Casing	8200480	1,099.000	Ft
2120	Cellular Modem, TS, 4th G	8200498	29.000	Ea
2125	Backplate, TS	8200501	364.000	Ea
2130	Mast Arm Pole, Cat I	8202010	4.000	Ea
2135	Mast Arm, 30 foot, Cat I	8202015	1.000	Ea
2140	Mast Arm, 35 foot, Cat I	8202016	1.000	Ea
2145	Mast Arm, 40 foot, Cat I	8202017	3.000	Ea
2150	Mast Arm, 45 foot, Cat I	8202018	1.000	Ea
2155	Mast Arm, 50 foot, Cat I	8202019	2.000	Ea
2160	Mast Arm Pole Fdn, 6 Bolt	8202034	60.000	Ft
2165	_ Controller, NEMA, ATC Type	8207050	29.000	Ea
2170	_ TS, One Way Mast Arm Mtd (LED), Optic	8207050	6.000	Ea
2175	Monument Box	8210001	14.000	Ea
2180	Monument Box Adj	8210005	40.000	Ea
2185	Monument Preservation	8210010	40.000	Ea
2190	Protect Corners	8210020	117.000	Ea
2195	Water Serv, Conflict	8230250	50.000	Ea
2200	Gate Box, Adj, Temp, Case 1	8230391	42.000	Ea
2205	Gate Box, Adj, Temp, Case 2	8230392	8.000	Ea
2210	Water Shutoff, Reconst, Case 1	8230401	25.000	Ea
2215	Water Shutoff, Reconst, Case 2	8230402	25.000	Ea
2220	Gate Box, Reconst, Case 1	8230411	25.000	Ea
2225	Gate Box, Reconst, Case 2	8230412	10.000	Ea
2230	Water Shutoff, Adj, Case 1	8230421	25.000	Ea
2235	Water Shutoff, Adj, Case 2	8230422	26.000	Ea
2240	Gate Box, Adj, Case 1	8230431	39.000	Ea

2245	Gate Box, Adj, Case 2	8230432	44.000	Ea
2250	Polyethylene Encasement	8230440	115.000	Ft
2255	Water Main Conflict, 6 inch	8232023	250.000	Ea
2260	Water Main Conflict, 8 inch	8232024	350.000	Ea
2265	Water Main Conflict, 12 inch	8232026	300.000	Ea
2270	Water Main Conflict, 16 inch	8232027	175.000	Ea
2275	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	115.000	Ft
2280	_ Water Main, DI, 6 inch, Tr Det G, City of Oak Park	8237001	10.000	Ft
2285	_ Water Main, DI, 6 inch, Tr Det G, City of Warren	8237001	15.000	Ft
2290	_ Fire Hydrant, City of Oak Park	8237050	1.000	Ea
2295	_ Fire Hydrant, City of Warren	8237050	1.000	Ea
2300	_ Gate Valve and Box, 6 inch, City of Oak Park	8237050	1.000	Ea
2305	_ Gate Valve and Box, 6 inch, City of Warren	8237050	1.000	Ea
2310	_ Hydrant, Rem, City of Oak Park	8237050	1.000	Ea
2315	_ Hydrant, Rem, City of Warren	8237050	1.000	Ea
2320	Contractor Staking	8240001	1.000	LSUM
2325	Staking Plan Errors and Extras, Max \$180/hour	8240002	610.000	Hr
2330	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2335	Lightning Protection, Pole	8260021	29.000	Ea

Section: 2

2340	Backfill, Structure, CIP	2060002	950.000	Cyd
2345	Excavation, Fdn	2060010	1,100.000	Cyd
2350	Sewer, CI A, 10 inch, Tr Det A	4020003	80.000	Ft
2355	Dr Structure, Tap, 10 inch	4030310	1.000	Ea
2360	False Decking	7060060	1,150.000	Sft
2365	Reinforcement, Steel, Epoxy Coated	7060092	47,601.000	Lb
2370	Substructure Conc, High Performance	7060101	182.000	Cyd
2375	Conc, Grade 3500, Subfooting	7062000	13.000	Cyd
2380	Conc, Grade 4500HP	7062004	21.000	Cyd
2385	Aesthetic Texturing	7062005	4.000	Syd
2390	_ Expansive Waterstop	7067001	30.000	Ft
2395	_ Wood False Decking, Left in Place	7067010	1,000.000	Sft
2400	_ Bridge Debris Containment, Netting	7067011	1,330.000	Syd
2405	Joint Waterproofing	7100001	123.000	Sft
2410	Conc Surface Coating, Warranty (S10 of 82252)	7100009	1.000	LSUM
2415	Penetrating Healer/Sealer, Bridge Deck	7100025	9,750.000	Syd
2420	Substructure Horizontal Surface Sealer (S10 of 82252)	7100030	60.000	Syd
2425	Hand Chipping, Deep	7120004	207.000	Syd
2430	Hand Chipping, Other Than Deck	7120007	1,000.000	Cft
2435	Patch, Full Depth	7120010	17.000	Cyd
2440	Patch, Forming	7120017	1,865.000	Sft
2445	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	24.000	Ea
2450	Structures, Rehabilitation, Rem Portions (S10 of 82252)	7120070	1.000	LSUM

2455	Flushing Cracks, Water	7120098	425.000	Ft
2460	Structural Crack, Repr	7120099	425.000	Ft
2465	Patching Conc, C-L	7120112	60.000	Cyd
2470	Embedded Galvanic Anode	7120120	1,774.000	Ea
2475	Hand Chipping, Full Depth	7122000	450.000	Cft
2480	Bridge Joint, Strip Seal Gland Replacement	7122005	372.000	Ft
2485	_ Bridge Joints, Clean and Seal	7127001	55.000	Ft
2490	_ Deck, Scaling	7127010	2,350.000	Sft
2495	_ Bridge Cleaning (S10 of 82252)	7127051	1.000	LSUM
2500	Beam Plate, Seal Perimeter	7130010	3,240.000	Ft
2505	Heat Straightening Steel (S25 of 82252)	7130040	1.000	LSUM
2510	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	9,080.000	Lb
2515	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	31,172.000	Lb
2520	Support, Column, Temp	7130080	42.000	Ea
2525	Salv Support, Column, Temp	7132000	7.000	Ea
2530	Steel Structure, Cleaning, Partial, Type 4 (S10 of 82252)	7150047	1.000	LSUM
2535	Steel Structure, Cleaning, Partial, Type 4 (S25 of 82252)	7150047	1.000	LSUM
2540	Steel Structure, Coating, Partial, Type 4 (S10 of 82252)	7150048	1.000	LSUM
2545	Steel Structure, Coating, Partial, Type 4 (S25 of 82252)	7150048	1.000	LSUM
2550	Field Repr of Damaged Coating (S10 of 82252)	7160001	1.000	LSUM
2555	Deck Drain, Extension	7170065	2.000	Ea
2560	_ Downspout Replacement, Spec, Type 1	7177050	2.000	Ea
2565	_ Downspout Replacement, Spec, Type 2	7177050	1.000	Ea
2570	_ Downspout Replacement, Spec, Type 3	7177050	1.000	Ea
2575	_ Lane Separator System, Yellow	8117001	1,070.000	Ft



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 018**Letting Date:** July 1, 2022**Contract ID:** 08051-200148

Description: 4.82 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp upgrades and pavement markings on M-66 south of Assyria Road north to Pearl Street and M-79 at M-66 in village of Nashville, Barry County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200148A	22A0660	N/A	ST 08051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$140,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	41.000	Ft
0015	Sidewalk, Rem	2040055	23.000	Syd
0020	Excavation, Earth	2050016	10.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0030	Erosion Control, Silt Fence	2080036	100.000	Ft
0035	Shld, CI II	3070121	632.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0045	Cold Milling HMA Surface	5010002	126,912.000	Syd
0050	Bump Grinding	5010004	150.000	Syd
0055	HMA Surface, Rem	5010005	10.000	Syd
0060	HMA Quality Initiative	5010007	21,172.000	Dlr
0065	Longit Joint Density Quality Initiative	5010018	76,349.000	Dlr
0070	Hand Patching	5010025	6.000	Ton
0075	HMA Approach	5010061	100.000	Ton
0080	HMA, 5EL	5012036	10,480.000	Ton
0085	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0090	Detectable Warning Surface	8030010	9.000	Ft
0095	Curb Ramp Opening, Conc	8030030	11.000	Ft
0100	Sidewalk, Conc, 4 inch	8030044	126.000	Sft
0105	Curb Ramp, Conc, 4 inch	8032001	81.000	Sft
0110	Curb Slp, HMA	8050010	888.000	Ft
0115	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	75.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0135	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	90.000	Ft

0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,000.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,500.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	51,200.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,000.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,500.000	Ft
0165	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	51,200.000	Ft
0170	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0175	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0185	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0190	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	750.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	750.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	100.000	Ft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,500.000	Ft
0225	Plastic Drum, Fluorescent, Furn	8120252	9.000	Ea
0230	Plastic Drum, Fluorescent, Oper	8120253	9.000	Ea
0235	Sign Cover	8120310	25.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0245	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0255	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0265	Rumble Strip, Temp, Portable, Furn	8122188	18.000	Ea
0270	Rumble Strip, Temp, Portable, Oper	8122189	18.000	Ea
0275	Pedestrian Path, Temp	8122250	20.000	Ft
0280	Pedestrian Ramp, Temp	8122251	2.000	Ea
0285	Riprap, Plain	8130010	16.000	Syd
0290	_ HMA Spillway	8147011	36.000	Syd
0295	Slope Restoration, Non-Freeway, Type A	8162001	20.000	Syd
0300	Slope Restoration, Non-Freeway, Type F	8162006	100.000	Syd
0305	Monument Box	8210001	1.000	Ea
0310	Monument Box Adj	8210005	1.000	Ea
0315	Protect Corners	8210020	5.000	Ea
0320	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	42,829.000	Ft
0325	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	21,697.000	Ft
0330	Contractor Staking	8240001	1.000	LSUM
0335	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 019**Letting Date:** July 1, 2022**Contract ID:** 19042-214723**Description:** 8.32 mi of full depth concrete patches and concrete pavement reconstruction on I-69 from US-127 to the Shiawassee County line, Clinton County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214723A	N/A	N/A	M 19042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$61,400.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	2,350.000	Syd
0015	Embankment, LM	2050011	100.000	Cyd
0020	Excavation, Earth	2050016	2,860.000	Cyd
0025	_ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	745.000	Cyd
0030	Project Cleanup	2090001	1.000	LSUM
0035	Subbase, CIP	3010002	1,619.000	Cyd
0040	Open-Graded Dr Cse, 6 inch	3030006	2,529.000	Syd
0045	Shld, CI II, 6 inch	3070128	244.000	Syd
0050	Geotextile, Separator, Non-Woven	3082000	3,654.000	Syd
0055	Road Grade Biaxial Geogrid	3082002	11,049.000	Syd
0060	Underdrain Outlet, 4 inch	4040091	100.000	Ft
0065	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0070	Video Inspection of Underdrain	4040200	100.000	Ft
0075	Joint, Contraction, Cp	6020200	1,932.000	Ft
0080	Joint, Contraction, C3p	6020201	265.000	Ft
0085	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	2,428.000	Syd
0090	Cement	6030005	29.000	Ton
0095	Joint, Contraction, Crg	6030020	48.000	Ft
0100	Lane Tie, Epoxy Anchored	6030030	1,145.000	Ea
0105	Non-Chloride Accelerator	6030035	615.000	Gal
0110	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,117.000	Syd
0115	Pavt Repr, Rem	6030080	1,117.000	Syd
0120	Saw Cut, Intermediate	6030090	1,656.000	Ft
0125	Pavt Mrkg, Waterborne, 6 inch, White	8110233	280.000	Ft
0130	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	775.000	Ft
0135	Pavt Mrkg, Waterborne, 12 inch, White	8110237	400.000	Ft

0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	280.000	Ft
0145	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	775.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	400.000	Ft
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0165	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0170	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0175	Conc Barrier, Temp, Furn	8120081	1,060.000	Ft
0180	Conc Barrier, Temp, Oper	8120082	1,060.000	Ft
0185	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0190	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Mobile Attenuator	8120180	1.000	Ea
0215	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0225	Sign Cover	8120310	4.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0235	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	100.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	250.000	Ft
0260	Slope Restoration, Freeway, Type A	8162013	1,344.000	Syd
0265	Freeway Shld Corrugations, Milled, Conc	8222000	730.000	Ft



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 020**Letting Date:** July 1, 2022**Contract ID:** 33091-215582**Description:** 0.63 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps and pavement markings on M-52 from Clinton Street to north of Morton Road in the village of Stockbridge, Ingham County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215582A	N/A	N/A	M 33091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$21,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	13.000	Ft
0015	Sidewalk, Rem	2040055	46.000	Syd
0020	Excavation, Earth	2050016	5.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0030	Erosion Control, Silt Fence	2080036	115.000	Ft
0035	Project Cleanup	2090001	1.000	LSUM
0040	Aggregate Base, 4 inch	3020010	46.000	Syd
0045	Shld, CI II	3070121	125.000	Ton
0050	Cold Milling HMA Surface	5010002	12,083.000	Syd
0055	HMA Quality Initiative	5010007	2,064.000	Dlr
0060	Longit Joint Density Quality Initiative	5010018	9,900.000	Dlr
0065	Hand Patching	5010025	5.000	Ton
0070	HMA Approach	5010061	92.000	Ton
0075	HMA, 5EML	5012037	935.000	Ton
0080	Curb and Gutter, Conc, Det F4	8020038	13.000	Ft
0085	Detectable Warning Surface	8030010	10.000	Ft
0090	Sidewalk, Conc, 4 inch	8030044	310.000	Sft
0095	Curb Ramp, Conc, 6 inch	8032002	90.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0105	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	150.000	Ft
0110	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	20.000	Ft
0115	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,360.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,826.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,360.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,826.000	Ft
0135	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0140	Recessing Pavt Mrkg, Longit	8110450	965.000	Ft

0145	Recessing Pavt Mrkg, Transv	8110451	123.000	Sft
0150	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	500.000	Ft
0155	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	123.000	Ft
0160	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	465.000	Ft
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0175	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0180	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0185	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0190	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0195	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	700.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	20.000	Ft
0220	Sign Cover	8120310	6.000	Ea
0225	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0245	Traf Regulator Control	8120370	1.000	LSUM
0250	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	500.000	Ft
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	465.000	Ft
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	123.000	Ft
0265	Slope Restoration, Non-Freeway, Type A	8162001	74.000	Syd
0270	Monument Preservation	8210010	7.000	Ea



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 021**Letting Date:** July 1, 2022**Contract ID:** 61000-205366

Description: 0.25 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter, sidewalk and ramps signing and pavement markings on Seminole Road from Park Street northeasterly to Seaway Drive (US-31BR) in the city of Norton Shores, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205366A	22A0589	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$108,400.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	5.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	240.000	Ft
0025	Curb and Gutter, Rem	2040020	980.000	Ft
0030	Guardrail, Rem	2040035	120.000	Ft
0035	Sidewalk, Rem	2040055	55.000	Syd
0040	Exploratory Investigation, Vertical	2040080	21.000	Ft
0045	_ Pave, Rem, Modified	2047011	7,950.000	Syd
0050	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0055	_ Machine Grading, Modified	2057002	12.000	Sta
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	14.000	Ea
0065	Erosion Control, Silt Fence	2080036	750.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	_ Aggregate Base, 10 inch, Modified	3027011	5,660.000	Syd
0080	_ Aggregate Base, 5 inch, Modified	3027011	745.000	Syd
0085	_ Aggregate Base, 6 inch, Modified	3027011	492.000	Syd
0090	Sewer, Cl A, 12 inch, Tr Det B	4020033	168.000	Ft
0095	Video Taping Sewer and Culv Pipe	4021275	176.000	Ft
0100	_ Sewer Bulkhead, 12 inch, Modified	4027050	2.000	Ea
0105	_ Sewer Bulkhead, 15 inch, Modified	4027050	2.000	Ea
0110	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0115	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0120	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0125	_ Dr Structure, Adj, Add Depth, Modified	4037001	4.000	Ft
0130	_ Dr Structure 24 inch dia, Modified	4037050	3.000	Ea
0135	_ Dr Structure 48 inch dia, Modified	4037050	4.000	Ea

0140	_ Dr Structure Cover, Type B, Modified	4037050	1.000	Ea
0145	_ Dr Structure Cover, Type G, Modified	4037050	1.000	Ea
0150	_ Dr Structure Cover, Type K, Modified	4037050	8.000	Ea
0155	Hand Patching	5010025	20.000	Ton
0160	HMA Approach	5010061	124.000	Ton
0165	HMA, 4EML	5012025	985.000	Ton
0170	HMA, 5EML	5012037	640.000	Ton
0175	Driveway, Nonreinf Conc, 6 inch	8010005	271.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	2,320.000	Ft
0185	Driveway Opening, Conc, Det M	8020050	494.000	Ft
0190	Curb Ramp Opening, Conc	8030030	473.000	Ft
0195	Sidewalk, Conc, 4 inch	8030044	9,725.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	2,660.000	Sft
0205	Curb Ramp, Conc, 4 inch	8032001	695.000	Sft
0210	_ Detectable Warning Surface, Modified	8037001	44.000	Ft
0215	Post, Mailbox	8070095	15.000	Ea
0220	Fence, Protective	8080007	100.000	Ft
0225	Post, Steel, 3 lb	8100371	276.000	Ft
0230	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0235	Sign, Type III, Rem	8100403	35.000	Ea
0240	Sign, Type IIIB	8100405	116.000	Sft
0245	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,350.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,625.000	Ft
0255	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,350.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,625.000	Ft
0265	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	60.000	Ft
0270	_ Pavt Mrkg, Waterborne, 2nd Application, 18 inch, Stop Bar	8117001	60.000	Ft
0275	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	322.000	Ft
0280	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	322.000	Ft
0285	_ Pavt Mrkg, Waterborne, 2nd Application, RT Turn Arrow Sym	8117050	1.000	Ea
0290	_ Pavt Mrkg, Waterborne, 2nd Application, Thru and RT Turn Arrow Sym	8117050	1.000	Ea
0295	_ Pavt Mrkg, Waterborne, RT Turn Arrow Sym	8117050	1.000	Ea
0300	_ Pavt Mrkg, Waterborne, Thru and RT Turn Arrow Sym	8117050	1.000	Ea
0305	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0315	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0335	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea

0340	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0345	Sign, Type B, Temp, Prismatic, Furn	8120350	676.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	676.000	Sft
0355	Traf Regulator Control	8120370	1.000	LSUM
0360	Site Preparation, Max \$5,000	8150001	1.000	LSUM
0365	Watering and Cultivating, First Season, Min \$5,000	8150002	1.000	LSUM
0370	Watering and Cultivating, 2nd Season, Min \$5,000	8150003	1.000	LSUM
0375	_ Amelachier grandiflora 'Autumn Brilliance', 2" B&B	8157050	6.000	Ea
0380	_ Carpinus caroliniana, 2" B&B	8157050	4.000	Ea
0385	_ Gymnocladus dioicus 'Espresso', 3" B&B	8157050	3.000	Ea
0390	_ Turf Establishment	8167002	14.000	Sta
0395	_ Cable, Equipment Grounding Wire, 1/C#10, Copper	8187001	2,720.000	Ft
0400	_ Cable, Equipment Grounding Wire, 1/C#8, Copper	8187001	20.000	Ft
0405	_ Cable, in Conduit, 600V, 1/C#10, Copper	8187001	10.000	Ft
0410	_ Cable, in Conduit, 600V, 1/C#2, Copper	8187001	10.000	Ft
0415	_ Cable, in Conduit, 600V, 1/C#6, Copper	8187001	5,440.000	Ft
0420	_ Conduit, 1 inch	8187001	2,720.000	Ft
0425	_ Conduit, 1-1/4 inch	8187001	10.000	Ft
0430	_ Conduit, 3/4 inch	8187001	10.000	Ft
0435	_ Conc Fdn, Spec	8197050	34.000	Ea
0440	_ Light Std Shaft, Decorative	8197050	34.000	Ea
0445	_ Luminaire, Decorative	8197050	34.000	Ea
0450	Gate Valve and Box, 8 inch	8230052	1.000	Ea
0455	Water Main, DI, 8 inch, Tr Det G	8230156	60.000	Ft
0460	Water Serv	8230240	8.000	Ea
0465	Water Serv, Long	8230245	3.000	Ea
0470	_ Water Main, DI, 8 inch, Cap	8237050	1.000	Ea
0475	_ Water Main, Live Tap, 12 inch x 8 inch	8237050	1.000	Ea
0480	_ Water Serv, Curb Stop and Box	8237050	11.000	Ea
0485	_ Water Serv, Main Connection	8237050	11.000	Ea
0490	_ Water Valve Box, Adjust, Case 1	8237050	7.000	Ea
0495	_ Sanitary Sewer, Lateral Service, 6 inch	8257001	475.000	Ft
0500	_ Core and Boot Sanitary Main, 6 inch	8257050	12.000	Ea
0505	_ Bench, 6 Foot	8507050	2.000	Ea
0510	_ Irrigation Allowance	8507060	3,500.000	Dlr



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 022**Letting Date:** July 1, 2022**Contract ID:** 69000-205318**Description:** 1.90 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, drainage and pavement markings on Marlette Road from Old 27 east to Sherman Road, Otsego County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205318A	22A0567	N/A	STL 69000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$86,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Pavt, Rem	2040050	118.000	Syd
0020	Embankment, CIP	2050010	2,450.000	Cyd
0025	Embankment, LM	2050011	50.000	Cyd
0030	Excavation, Earth	2050016	4,325.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0045	Aggregate Base	3020001	3,800.000	Ton
0050	HMA Base Crushing and Shaping	3050002	35,700.000	Syd
0055	Salv Crushed Material, LM	3050015	85.000	Cyd
0060	Approach, CI II, 4 inch	3070026	895.000	Syd
0065	Shld, CI II, 4 inch	3070126	5,820.000	Syd
0070	Trenching	3070200	200.000	Sta
0075	_ Approach, CI II, Modified (Afton Stone)	3077031	20.000	Ton
0080	Culv, CI F, 12 inch	4010607	84.000	Ft
0085	HMA Surface, Rem	5010005	2,184.000	Syd
0090	HMA Approach	5010061	447.000	Ton
0095	HMA, 4EML	5012025	3,700.000	Ton
0100	HMA, 5EML	5012037	3,700.000	Ton
0105	Driveway, Nonreinf Conc, 6 inch	8010005	118.000	Syd
0110	Curb Slp, HMA	8050010	300.000	Ft
0115	Post, Mailbox	8070095	10.000	Ea
0120	Post, Steel, 3 lb	8100371	722.000	Ft
0125	Sign, Type II, Rem	8100397	2.000	Ea
0130	Sign, Type IIB	8100399	64.000	Sft
0135	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0140	Sign, Type III, Rem	8100403	22.000	Ea

0145	Sign, Type IIIA	8100404	56.000	Sft
0150	Sign, Type IIIB	8100405	78.000	Sft
0155	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	20,160.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	20,160.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	20,160.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	20,160.000	Ft
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
0200	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0210	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	600.000	Ft
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	640.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	640.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	140.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	140.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	_ HMA Spillway	8147011	19.000	Syd
0245	Mulch Blanket, High Velocity	8160028	1,000.000	Syd
0250	_ Slope Restoration, Special	8167011	25,000.000	Syd



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 023**Letting Date:** July 1, 2022**Contract ID:** 20000-205311**Description:** 2.85 mi of hot mix asphalt resurfacing and pavement markings on County Road 612 from KP Lake Road east to Lonesome Lake Road, Crawford County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205311A	22A0582	N/A	STL 20000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$66,100.00	1100001	1.000	LSUM
0010	HMA, 4EL	5012024	8,251.000	Ton
0015	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0020	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0025	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0030	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,300.000	Ft
0045	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0050	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0055	Traf Regulator Control	8120370	1.000	LSUM



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 024**Letting Date:** July 1, 2022**Contract ID:** 11113-211838**Description:** Guardrail removal and installation on various routes, Berrien County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211838A	22A0596	N/A	HSIP 11113

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$63,000.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	12,410.000	Ft
0015	Guardrail, Type MGS-8	8070004	9,090.000	Ft
0020	Guardrail, Curved, Type B	8070010	440.000	Ft
0025	Guardrail Anch, Bridge, Det T3	8070024	8.000	Ea
0030	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0035	Guardrail Approach Terminal, Type 2M	8070044	97.000	Ea
0040	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0045	Guardrail Reflector	8070080	408.000	Ea
0050	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea
0055	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0070	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0075	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0095	Traf Regulator Control	8120370	1.000	LSUM



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 025**Letting Date:** July 1, 2022**Contract ID:** 43000-210838**Description:** 0.21 mi of hot mix asphalt reconstruction, subbase, underdrains, aggregate base and pavement markings on Branch Road north of West 40th Street, Lake County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210838A	22A0018	N/A	ER 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$35,300.00	1100001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Exploratory Investigation, Vertical	2040080	100.000	Ft
0040	Embankment, CIP	2050010	160.000	Cyd
0050	Excavation, Earth	2050016	3,850.000	Cyd
0060	Erosion Control, Silt Fence	2080036	975.000	Ft
0070	Subbase, CIP	3010002	2,450.000	Cyd
0080	Aggregate Base, 8 inch	3020020	4,570.000	Syd
0090	Maintenance Gravel, LM	3060021	50.000	Cyd
0100	Approach, CI I, 6 inch	3070008	10.000	Syd
0110	Approach, CI II, 6 inch	3070028	70.000	Syd
0120	Shld, CI II, 4 inch	3070126	50.000	Syd
0130	Geotextile, Separator	3080005	20.000	Syd
0140	Culv End Sect, 15 inch	4010015	1.000	Ea
0150	Culv, CI A, 12 inch	4010131	50.000	Ft
0160	Culv, CI A, 15 inch	4010132	50.000	Ft
0170	Dr Marker Post	4011109	7.000	Ea
0180	Underdrain, Subbase, 6 inch	4040063	2,250.000	Ft
0190	Underdrain Outlet, 6 inch	4040093	304.000	Ft
0200	Underdrain, Outlet Ending, 6 inch	4040113	8.000	Ea
0210	HMA Surface, Rem	5010005	3,970.000	Syd
0220	HMA Approach	5010061	5.000	Ton
0230	HMA, 4EML	5012025	970.000	Ton
0240	Curb Slp, HMA	8050010	2,010.000	Ft
0250	Guardrail, Type MGS-8	8070004	250.000	Ft
0260	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0270	Guardrail Reflector	8070080	12.000	Ea
0280	Delineator, Rem	8100349	4.000	Ea

0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,250.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,630.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	138.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	138.000	Sft
0360	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	174.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	174.000	Sft
0380	Riprap, Plain	8130010	40.000	Syd
0390	Ditch, Plain Cobble	8140005	250.000	Syd
0400	Paved Ditch, HMA	8140010	75.000	Syd
0410	Mulch Blanket, High Velocity	8160028	350.000	Syd
0420	_ Slope Restoration	8167011	2,200.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220701 026

Letting Date: July 1, 2022

Contract ID: 63000-210734

Description: 1.49 mi of construction of a roundabout including hot mix asphalt base crushing, shaping and resurfacing, concrete curb, gutter and ramps, guardrail, signing and pavement markings on Taft Road from the south city limits of Novi to 10 Mile Road and 9 Mile Road at Taft Road in the city of Novi, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210734A	22A0583	N/A	STU 63000
211908A	22A0592	N/A	HISP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Video Route Survey	1077051	1.000	LSUM
0010	Mobilization, Max \$356,510.00	1100001	1.000	LSUM
0015	Stump, Rem, 19 inch to 36 inch	2020006	18.000	Ea
0020	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	37.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0035	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	70.000	Ft
0045	Curb and Gutter, Rem	2040020	2,737.000	Ft
0050	Fence, Rem	2040025	75.000	Ft
0055	Guardrail, Rem	2040035	225.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	25.000	Cyd
0065	Sidewalk, Rem	2040055	949.000	Syd
0070	_ Pavt, Rem, Modified	2047011	22,076.000	Syd
0075	_ Exploratory Excavation	2047050	10.000	Ea
0080	Ditch Cleanout	2050006	18.000	Sta
0085	Embankment, CIP	2050010	1,400.000	Cyd
0090	Excavation, Earth	2050016	3,750.000	Cyd
0095	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0100	_ Subgrade Undercutting, Type II, 1 by 3	2057021	500.000	Cyd
0105	_ Subgrade Undercutting, Type II, 21AA	2057021	500.000	Cyd
0110	_ Erosion Control, Check Dam, Stone, OCWRC	2087001	2,500.000	Ft
0115	_ Erosion Control, Silt Fence, OCWRC	2087001	14,869.000	Ft
0120	_ Erosion Control, Inlet Protection, Fabric Drop, OCWRC	2087050	33.000	Ea

0125	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base, Conditioning	3020050	9,629.000	Syd
0135	_ Aggregate Base, 4 inch, Modified	3027011	2,514.000	Syd
0140	_ Aggregate Base, 8 inch, Modified	3027011	1,821.000	Syd
0145	_ Aggregate Base, Modified	3027031	3,227.000	Ton
0150	HMA Base Crushing and Shaping	3050002	27,954.000	Syd
0155	Material, Surplus and Unsuitable, Rem, LM	3050010	500.000	Cyd
0160	Salv Crushed Material, LM	3050015	1,000.000	Cyd
0165	Maintenance Gravel, LM	3060021	2,500.000	Cyd
0170	_ Shld, CI II, 6 inch, Modified	3077011	2,902.000	Syd
0175	Geotextile, Stabilization	3080010	500.000	Syd
0180	Culv End Sect, Conc, 12 inch	4010047	9.000	Ea
0185	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0190	Sewer, CI IV, 12 inch, Tr Det B	4020987	753.000	Ft
0195	Sewer, CI IV, 15 inch, Tr Det B	4020988	137.000	Ft
0200	Sewer, CI IV, 18 inch, Tr Det B	4020989	233.000	Ft
0205	Sewer, CI IV, 24 inch, Tr Det B	4020993	200.000	Ft
0210	Dr Structure Cover, Type B	4030010	5.000	Ea
0215	Dr Structure Cover, Type K	4030050	16.000	Ea
0220	Dr Structure Cover, Type Q	4030065	5.000	Ea
0225	Dr Structure, 24 inch dia	4030200	3.000	Ea
0230	Dr Structure, 48 inch dia	4030210	6.000	Ea
0235	Dr Structure, Tap, 6 inch	4030306	20.000	Ea
0240	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0245	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0250	_ Structure, Adj, Add Depth	4037001	20.000	Ft
0255	_ Sanitary Structure Cover, Adj	4037050	1.000	Ea
0260	_ Storm Structure Cover, Adj	4037050	18.000	Ea
0265	_ Utility Structure Cover, Adj	4037050	3.000	Ea
0270	_ Water Structure Cover, Adj	4037050	6.000	Ea
0275	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	6,000.000	Ft
0280	Underdrain Outlet, 6 inch	4040093	5.000	Ft
0285	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0290	Pavt for Butt Joints, Rem	5010008	250.000	Syd
0295	Hand Patching	5010025	50.000	Ton
0300	HMA Approach	5010061	90.000	Ton
0305	HMA, 3EML	5012013	8,394.000	Ton
0310	HMA, 4EML	5012025	5,999.000	Ton
0315	HMA, 5EML	5012037	1,767.000	Ton
0320	_ Stamped Conc Pavt, Nonreinf, 8 inch	6027011	895.000	Syd
0325	Reinforcement, Steel, Epoxy Coated	7060092	33.000	Lb
0330	Conc, Grade 3500	7062001	1.000	Cyd
0335	_ Block Retaining Wall	7067010	1,181.000	Sft
0340	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	8.000	Ea
0345	Driveway, Nonreinf Conc, 6 inch	8010005	61.000	Syd

0350	Curb and Gutter, Conc, Det F4	8020038	6,469.000	Ft
0355	Shld Gutter, Conc, Det 1	8020055	4.000	Ea
0360	Shld Gutter, Conc, Det 2	8020056	9.000	Ea
0365	Shld Gutter, Conc, Det 3	8020057	2.000	Ea
0370	Spillway, Conc	8020075	50.000	Ft
0375	_ Curb and Gutter, Conc, Det D2, Modified	8027001	1,332.000	Ft
0380	Detectable Warning Surface	8030010	311.000	Ft
0385	Curb Ramp Opening, Conc	8030030	900.000	Ft
0390	Sidewalk, Conc, 4 inch	8030044	6,354.000	Sft
0395	Sidewalk, Conc, 6 inch	8030046	300.000	Sft
0400	Curb Ramp, Conc, 6 inch	8032002	6,074.000	Sft
0405	Shared use Path, HMA	8060040	23.000	Ton
0410	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0415	Guardrail Reflector	8070080	20.000	Ea
0420	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea
0425	_ Post Mailbox, Remove and Reset	8077050	10.000	Ea
0430	_ Fence, Decorative, Black, 48 inch	8087001	50.000	Ft
0435	Post Hole Through Conc for Steel Post	8100340	15.000	Ea
0440	Post, Steel, 3 lb	8100371	1,441.000	Ft
0445	Sign, Type III, Erect, Salv	8100402	10.000	Ea
0450	Sign, Type III, Rem	8100403	99.000	Ea
0455	Sign, Type IIIA	8100404	317.000	Sft
0460	Sign, Type IIIB	8100405	337.000	Sft
0465	Pavt Mrkg, Polyurea, 6 inch, White	8110094	16,440.000	Ft
0470	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	14,439.000	Ft
0475	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	28.000	Ea
0480	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	235.000	Ft
0485	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	42.000	Ft
0490	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0495	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0500	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	7.000	Ea
0505	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0510	Recessing Pavt Mrkg, Longit	8110450	30,879.000	Ft
0515	Recessing Pavt Mrkg, Transv	8110451	1,745.000	Sft
0520	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	28.000	Ea
0525	_ Pavt Mrkg, Polyurea, 24 inch, White Special Emphasis Crosswalk, 8 foot Length	8117050	24.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	100.000	Ea
0535	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	100.000	Ea
0540	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0545	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0550	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0555	Dust Palliative, Applied	8120100	40.000	Ton
0560	Minor Traf Devices	8120170	1.000	LSUM

0565	Sign Cover	8120310	40.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0575	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	530.000	Sft
0585	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	530.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0595	Pedestrian Ramp, Temp	8122251	40.000	Ea
0600	Riprap, Plain	8130010	78.000	Syd
0605	_ Diervilla x 'G2X88544' Orange, 3 gal	8157050	7.000	Ea
0610	_ Potentilla fruticosa 'Goldfinger', 3 gal	8157050	14.000	Ea
0615	_ Schizachyrium scoparium, 3 gal	8157050	78.000	Ea
0620	_ Watering and Cultivating, Modified	8157051	1.000	LSUM
0625	_ Turf Establishment, Performance	8167011	10,000.000	Syd
0630	_ Planting Mix	8167021	50.000	Cyd
0635	Conduit, Schedule 40, 3 inch	8182135	200.000	Ft
0640	Hh, Square	8182311	8.000	Ea
0645	Monument Box	8210001	3.000	Ea
0650	Monument Box Adj	8210005	3.000	Ea
0655	Monument Preservation	8210010	3.000	Ea
0660	Protect Corners	8210020	6.000	Ea
0665	Gate Box, Adj, Case 2	8230432	10.000	Ea
0670	_ Sprinkler Line	8237001	1,000.000	Ft
0675	_ Hydrant, Relocate	8237050	2.000	Ea
0680	_ Irrigation Control Box, Relocate	8237050	2.000	Ea
0685	_ Irrigation Control Box, Replace	8237050	2.000	Ea
0690	_ Sprinkler Head, Relocate	8237050	50.000	Ea
0695	_ Sprinkler Head, Replace	8237050	50.000	Ea



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 027**Letting Date:** July 1, 2022**Contract ID:** 29000-215903**Description:** 2.04 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Washington Road from Alger Road east to Jerome Road, Gratiot County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
215903A	22A0573	N/A	STL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$22,600.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	5.000	Syd
0015	Approach, CI I	3070001	2.000	Ton
0020	Approach, CI II	3070021	100.000	Ton
0025	Shld, CI II	3070121	1,200.000	Ton
0030	Pavt for Butt Joints, Rem	5010008	830.000	Syd
0035	HMA, 13A	5010033	2,450.000	Ton
0040	HMA Approach	5010061	52.000	Ton
0045	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,558.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,695.000	Ft
0055	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0060	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0065	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0075	Minor Traf Devices	8120170	1.000	LSUM
0080	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0085	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	443.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	443.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0105	Monument Box Adj	8210005	9.000	Ea



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 028**Letting Date:** July 1, 2022**Contract ID:** 43000-210839

Description: 0.12 mi of hot mix asphalt reconstruction, culvert replacements, subbase, aggregate base and pavement markings on West Stevenson Road east of Tyndall Road, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210839A	22A0605	N/A	ER 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$23,800.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Embankment, CIP	2050010	100.000	Cyd
0025	Excavation, Earth	2050016	1,000.000	Cyd
0030	Erosion Control, Check Dam, Stone	2080012	140.000	Ft
0035	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0040	Subbase, CIP	3010002	200.000	Cyd
0045	Aggregate Base, 8 inch	3020020	2,115.000	Syd
0050	Maintenance Gravel, LM	3060021	20.000	Cyd
0055	Approach, CI II, 6 inch	3070028	30.000	Syd
0060	Shld, CI II, 4 inch	3070126	270.000	Syd
0065	Culv, CSP Arch, CI A, 49 inch by 33 inch	4010749	116.000	Ft
0070	_ Culv End Sect, Metal, 49 inch by 33 inch	4017050	4.000	Ea
0075	HMA Surface, Rem	5010005	1,620.000	Syd
0080	HMA, 4EML	5012025	395.000	Ton
0085	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,300.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,300.000	Ft
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	201.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	201.000	Sft
0120	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	138.000	Sft
0125	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	138.000	Sft
0130	Riprap, Plain	8130010	30.000	Syd

0135	Ditch, Plain Cobble	8140005	450.000	Syd
0140	Mulch Blanket, High Velocity	8160028	1,350.000	Syd
0145	_ Slope Restoration	8167011	1,800.000	Syd



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 029**Letting Date:** July 1, 2022**Contract ID:** 65000-211879**Description:** 10.27 mi of hot mix asphalt ultra-thin overlay, aggregate shoulders and pavement markings on various routes, Ogemaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211879A	22A0572	N/A	STL 65000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Lake State Railway	1027060	1,200.000	Dlr
0010	Mobilization, Max \$73,200.00	1100001	1.000	LSUM
0015	_ Shld, CI II, Modified	3077031	1,010.000	Ton
0020	Pavt, Cleaning	5010001	1.000	LSUM
0025	Cold Milling HMA Surface	5010002	6,420.000	Syd
0030	HMA Approach	5010061	530.000	Ton
0035	_ HMA, Ultra-Thin, Medium Volume	5047031	7,400.000	Ton
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0045	Pavt Mrkg, Waterborne, 4 inch, White	8110231	105,000.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	47,210.000	Ft
0055	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0060	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0075	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,380.000	Ft
0095	Sign, Type B, Temp, Prismatic, Furn	8120350	473.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	473.000	Sft
0105	Traf Regulator Control	8120370	1.000	LSUM
0110	Monument Box	8210001	11.000	Ea
0115	Monument Preservation	8210010	11.000	Ea



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 030**Letting Date:** July 1, 2022**Contract ID:** 81000-205614

Description: 0.51 mi of hot mix asphalt resurfacing, water main, concrete curb, gutter and sidewalk, drainage and pavement markings on Platt Road from Packard Road to Huron Parkway in the city of Ann Arbor, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205614A	22A0597	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$211,700.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0025	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	_ Curb and Gutter, Rem, Modified	2047001	1,097.000	Ft
0035	_ Driveway Approach, Rem, Modified	2047010	259.000	Sft
0040	_ Sidewalk, Rem, Modified	2047010	1,176.000	Sft
0045	_ Audio-Visual Recording	2047051	1.000	LSUM
0050	Embankment, CIP	2050010	434.000	Cyd
0055	Excavation, Earth	2050016	1,825.000	Cyd
0060	Granular Material, CI II	2050023	100.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0070	Flowable Fill, Non-Structural	2050148	10.000	Cyd
0075	_ Machine Grading, Modified	2057011	15,515.000	Syd
0080	_ Non-Haz Contaminated Material Handling and Disposal, LM	2057021	50.000	Cyd
0085	Erosion Control, Silt Fence	2080036	3,000.000	Ft
0090	_ Erosion Control, Inlet Filter	2087050	19.000	Ea
0095	Project Cleanup	2090001	1.000	LSUM
0100	_ Subbase, CIP, Class II Granular Material, Modified	3017021	2,000.000	Cyd
0105	_ Aggregate Base, 21AA Modified	3027021	6,000.000	Cyd
0110	Maintenance Gravel	3060020	20.000	Ton
0115	Dr Structure, 24 inch dia	4030200	5.000	Ea
0120	Dr Structure, 48 inch dia	4030210	2.000	Ea
0125	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0130	Dr Structure, Cleaning	4030290	5.000	Ea
0135	Dr Structure, Temp Lowering	4030390	5.000	Ea

0140	_ Additional Depth Structure Adjust/Repair	4037001	20.000	Ft
0145	_ Adjust Structure Cover	4037050	39.000	Ea
0150	_ Dr Structure Cover, Type B, Special	4037050	14.000	Ea
0155	_ Dr Structure Cover, Type K, Special	4037050	18.000	Ea
0160	_ Dr Structure Cover, Type Q, Special	4037050	7.000	Ea
0165	_ Reconstruct Structure	4037050	5.000	Ea
0170	Underdrain, Subbase, 6 inch	4040063	1,040.000	Ft
0175	Cold Milling HMA Surface	5010002	14,930.000	Syd
0180	HMA Surface, Rem	5010005	43.000	Syd
0185	Hand Patching	5010025	200.000	Ton
0190	HMA, 3C	5010031	433.000	Ton
0195	HMA Approach	5010061	7.000	Ton
0200	HMA, 4EML	5012025	1,945.000	Ton
0205	_ Temporary Pavement	5017011	500.000	Syd
0210	_ Curb and Gutter, Conc, Det F4, Special	8027001	977.000	Ft
0215	_ Driveway Opening, Conc, Detail M, Modified	8027001	67.000	Ft
0220	_ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch	8027010	247.000	Sft
0225	Curb Ramp Opening, Conc	8030030	57.000	Ft
0230	_ Detectable Warning Tiles	8037001	36.000	Ft
0235	_ Curb Ramp, Concrete, 6 inch, P-NC, ADA, Modified	8037010	1,020.000	Sft
0240	_ Sidewalk, Concrete, 4 inch, Special	8037010	260.000	Sft
0245	_ Sidewalk, Concrete, 6 inch, Special	8037010	154.000	Sft
0250	Fence, Protective	8080007	500.000	Ft
0255	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,780.000	Ft
0260	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	5,830.000	Ft
0265	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	120.000	Ft
0270	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	704.000	Ft
0275	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	64.000	Ft
0280	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	7.000	Ea
0285	Recessing Pavt Mrkg, Longit	8110450	7,610.000	Ft
0290	Recessing Pavt Mrkg, Transv	8110451	832.000	Sft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg Cover, Type R, Black	8120200	535.000	Ft
0315	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	20.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,030.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	5,260.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,464.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,095.000	Ft

0340	Plastic Drum, Fluorescent, Furn	8120252	249.000	Ea
0345	Plastic Drum, Fluorescent, Oper	8120253	496.000	Ea
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0355	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0360	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	618.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	618.000	Sft
0375	Traf Regulator Control	8120370	1.000	LSUM
0380	_ Temporary Audible Message Device	8127050	2.000	Ea
0385	Fertilizer, Chemical Nutrient, CI A	8160020	100.000	Lb
0390	Mulch Blanket, High Velocity	8160028	1,000.000	Syd
0395	Seeding, Mixture THM	8160039	100.000	Lb
0400	Topsoil Surface, Furn, 4 inch	8160062	1,000.000	Syd
0405	Conduit, Schedule 80, 2 inch	8182146	300.000	Ft
0410	Conduit, Schedule 80, 4 inch	8182150	5,253.000	Ft
0415	Cable, Sec, 600V, 1, 2/C#6	8182236	300.000	Ft
0420	Cable, Sec, 600V, 1, 3/C#6	8182238	300.000	Ft
0425	Cable, Sec, 600V, 2, 1/C#6	8182245	300.000	Ft
0430	Light Std Fdn	8190279	4.000	Ea
0435	_ Conduit, Directional Bore, Sch 80, 4 inch	8197001	200.000	Ft
0440	_ Communication Handhole Assembly, Complete	8197050	16.000	Ea
0445	_ Electrical Handhole Assembly, Complete	8197050	6.000	Ea
0450	_ Street Light Assembly	8197050	4.000	Ea
0455	Pedestal, Alum	8200100	2.000	Ea
0460	Pedestal, Fdn	8200105	2.000	Ea
0465	_ Rectangular Rapid Flashing Beacon Assembly	8207050	2.000	Ea
0470	_ 10 inch Water main, Abandon	8237001	21.000	Ft
0475	_ 12 inch Water main, Abandon	8237001	1,269.000	Ft
0480	_ 12 inch Water main, Rem	8237001	10.000	Ft
0485	_ 6 inch Water main, Abandon	8237001	190.000	Ft
0490	_ 6 inch Water main, Rem	8237001	10.000	Ft
0495	_ 8 inch Water main, Abandon	8237001	34.000	Ft
0500	_ 8 inch Water main, Rem	8237001	10.000	Ft
0505	_ Excavate & Backfill for Water Service Tap and Lead	8237001	190.000	Ft
0510	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 10 inch, Tr Det I, Mod	8237001	20.000	Ft
0515	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 12 inch, Tr Det I, Mod	8237001	1,412.000	Ft
0520	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 6 inch, Tr Det I, Mod	8237001	13.000	Ft
0525	_ PC 250, D.I. Water Main, w/ Polyethylene Wrap, 8 inch, Tr Det I, Mod	8237001	152.000	Ft
0530	_ 10" Long Pattern Solid Sleeve	8237050	1.000	Ea
0535	_ 12 inch Gate Valve in Box, Rem	8237050	4.000	Ea
0540	_ 12" long Pattern Solid Sleeve	8237050	2.000	Ea
0545	_ 12" Plug	8237050	1.000	Ea

0550	_ 12" Tapping Sleeve and Well	8237050	1.000	Ea
0555	_ 22.5 deg Bend, 12 inch	8237050	8.000	Ea
0560	_ 22.5 deg Bend, 6 inch	8237050	1.000	Ea
0565	_ 22.5 deg Bend, 8 inch	8237050	1.000	Ea
0570	_ 45 deg Bend, 12 inch	8237050	8.000	Ea
0575	_ 45 deg Bend, 6 inch	8237050	2.000	Ea
0580	_ 45 deg Bend, 8 inch	8237050	7.000	Ea
0585	_ 8" Long Pattern Solid Sleeve	8237050	1.000	Ea
0590	_ Fire Hydrant Assembly, with Extensions, Complete	8237050	3.000	Ea
0595	_ Fire Hydrant, Rem	8237050	3.000	Ea
0600	_ Gate Valve in Well, 12 inch	8237050	4.000	Ea
0605	_ Line Stop, Ductile Iron Pipe, 12 inch	8237050	2.000	Ea
0610	_ Line Stop, Ductile Iron Pipe, 6 inch	8237050	2.000	Ea
0615	_ Line Stop, Ductile Iron Pipe, 8 inch	8237050	2.000	Ea
0620	_ Reducer, 12inch x 8inch	8237050	1.000	Ea
0625	_ Reducer, 8inch x 6inch	8237050	3.000	Ea
0630	_ Tapping Connection, 12 inch	8237050	2.000	Ea
0635	_ Tapping Connection, 6 inch	8237050	2.000	Ea
0640	_ Tapping Connection, 8 inch	8237050	2.000	Ea
0645	_ Tee, 12inch x 12inch x 12inch	8237050	1.000	Ea
0650	_ Tee, 12inch x 12inch x 8inch	8237050	3.000	Ea
0655	_ Project Supervision	8247051	1.000	LSUM



6/2/2022 2:09 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 031**Letting Date:** July 1, 2022**Contract ID:** 03000-206324

Description: 2.05 mi of hot mix asphalt surfacing, gravel shoulder and pavement markings on 60th Street from 136th Avenue to Blue Star Highway and 136th Avenue from 60th Street to 58th Street, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206324A	22A0486	N/A	STUL 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$39,500.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Approach, CI II, LM	3070023	200.000	Cyd
0020	Shld, CI II, LM	3070123	250.000	Cyd
0025	Cold Milling HMA Surface	5010002	1,200.000	Syd
0030	Pavt for Butt Joints, Rem	5010008	500.000	Syd
0035	HMA, 4EL	5012024	4,800.000	Ton
0040	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,000.000	Ft
0045	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,500.000	Ft
0050	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0055	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	900.000	Ft
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	416.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	416.000	Sft
0080	Traf Regulator Control	8120370	1.000	LSUM
0085	_ Monument Box Adjust, Modified	8217050	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220701 032

Letting Date: July 1, 2022

Contract ID: 13000-215072

Description: 2.79 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Michigan Avenue from 20 Mile Road to 22 1/2 Mile Road and on 22 1/2 Mile Road from Michigan Avenue north to I-94 eastbound ramp, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215072A	22A0527	N/A	STL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,100.00	1100001	1.000	LSUM
0010	Berm Grading	2050008	37.000	Sta
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0020	Shld, CI II	3070121	594.000	Ton
0025	Cold Milling HMA Surface	5010002	47,670.000	Syd
0030	HMA, 5EML	5012037	4,910.000	Ton
0035	HMA, 5EML, High Stress	5012085	858.000	Ton
0040	Post, Steel, 3 lb	8100371	294.000	Ft
0045	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0050	Sign, Type III, Rem	8100403	19.000	Ea
0055	Sign, Type IIIA	8100404	58.000	Sft
0060	Sign, Type IIIB	8100405	113.000	Sft
0065	Sign, Type V, Rem	8100421	1.000	Ea
0070	Sign, Type VB	8100425	8.000	Sft
0075	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	20.000	Ft
0085	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0095	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	145.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	20,043.000	Ft
0105	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	29,615.000	Ft
0110	Recessing Pavt Mrkg, Transv	8110451	116.000	Sft
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	148.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	148.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM

0140	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	24.000	Ft
0145	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	2,358.000	Ft
0150	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0155	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Monument Box Adj	8210005	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220701 033

Letting Date: July 1, 2022

Contract ID: 77000-213138

Description: 0.37 mi of concrete pavement repairs, ramps and pavement markings on East Huron Boulevard from Busha Highway (M-29) to River Road in the city of Marysville, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213138A	22A0591	N/A	STUL 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	504.000	Dlr
0010	Mobilization, Max \$30,000.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	470.000	Ft
0020	Pavt, Rem	2040050	125.000	Syd
0025	Sidewalk, Rem	2040055	40.000	Syd
0030	Embankment, CIP	2050010	35.000	Cyd
0035	Excavation, Earth	2050016	45.000	Cyd
0040	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0050	Erosion Control, Silt Fence	2080036	70.000	Ft
0055	_ Aggregate Base, Modified	3027031	100.000	Ton
0060	Maintenance Gravel	3060020	300.000	Ton
0065	Approach, CI II	3070021	1.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0075	Dr Structure Cover, Type B	4030010	2.000	Ea
0080	Dr Structure Cover, Type K	4030050	2.000	Ea
0085	Dr Structure Cover, Type Q	4030065	2.000	Ea
0090	_ Dr Structure, Repair, 30 inch	4037001	4.000	Ft
0095	Hand Patching	5010025	5.000	Ton
0100	Joint, Contraction, Cp	6020200	600.000	Ft
0105	Joint, Contraction, Crg	6030020	1,250.000	Ft
0110	Joint, Expansion, Erg	6030021	75.000	Ft
0115	Lane Tie, Epoxy Anchored	6030030	1,200.000	Ea
0120	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,900.000	Syd
0125	Pavt Repr, Rem	6030080	1,900.000	Syd
0130	Curb and Gutter, Conc, Det F3	8020037	225.000	Ft
0135	Driveway Opening, Conc, Det M	8020050	225.000	Ft

0140	Curb Ramp Opening, Conc	8030030	20.000	Ft
0145	Sidewalk, Conc, 4 inch	8030044	125.000	Sft
0150	Curb Ramp, Conc, 7 inch	8032003	100.000	Sft
0155	_ Detectable Warning Surface, Modified	8037001	20.000	Ft
0160	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	70.000	Ft
0165	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	60.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,800.000	Ft
0175	Rem Spec Mrkg	8110343	100.000	Sft
0180	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0195	Minor Traf Devices	8120170	1.000	LSUM
0200	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0205	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0210	Sign Cover	8120310	5.000	Ea
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	525.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	525.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	425.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	425.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	_ Lawn Restoration, Hydroseed	8167011	600.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220701 034

Letting Date: July 1, 2022

Contract ID: 77111-123842

Description: 0.90 mi of LED lighting upgrades on 2 structures and the Blue Water Bridge Plaza beginning at the west end of the Plaza easterly to the American/Canadian border in the city of Port Huron, St. Clair County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123842A	N/A	N/A	MBWB 77111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Lake State Railway Company	1027060	7,500.000	Dlr
0010	_ Railroad Protection, Lake State Railway Company	1027060	7,500.000	Dlr
0015	Mobilization, Max \$258,900.00	1100001	1.000	LSUM
0020	Band, Sign	8100010	24.000	Ea
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0035	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	170.000	Ea
0045	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	170.000	Ea
0050	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0055	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0070	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0075	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0080	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0085	Sign, Type B, Temp, Prismatic, Furn	8120350	1,003.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	1,003.000	Sft
0095	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	410.000	Sft
0100	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	410.000	Sft

Section: 2

0105	Reinforcement, Steel, Epoxy Coated	7060092	2,200.000	Lb
0110	Hand Chipping, Other Than Deck	7120007	387.000	Cft
0115	Patching Mortar or Conc	7120016	387.000	Cft

0120	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	32.000	Ea
0125	Reinforcement, Mechanical Splice	7120084	32.000	Ea
0130	Conduit, Rem	8182000	90.000	Ft
0135	Conduit, Schedule 80, 1 1/2 inch, Structure	8182092	237.000	Ft
0140	Conduit, Schedule 80, 3 inch, Structure	8182095	22,378.000	Ft
0145	DB Cable, in Conduit, 600V, 1/C#2	8182182	50,090.000	Ft
0150	DB Cable, in Conduit, 600V, 1/C#4	8182185	23,128.000	Ft
0155	DB Cable, in Conduit, 600V, 1/C#6	8182187	49,704.000	Ft
0160	Cable, Equipment Grounding Wire, 1/C#2	8182288	7,704.000	Ft
0165	Cable, Equipment Grounding Wire, 1/C#6	8182291	5,427.000	Ft
0170	Cable, Equipment Grounding Wire, 1/C#10	8182293	3,705.000	Ft
0175	_ Conduit, Liquid-Tight Flexible Metal, 1 inch	8187001	236.000	Ft
0180	_ Conduit, Liquid-Tight Flexible Metal, 2 inch	8187001	18.000	Ft
0185	_ Conduit, Liquid-Tight Flexible Metal, 3 inch	8187001	6.000	Ft
0190	_ DB Cable, 600V, 1/C#12, Modified	8187001	3,828.000	Ft
0195	_ Hh, Clean and Seal	8187050	84.000	Ea
0200	_ Junction Box, 24 inch by 18 inch by 18 inch	8187050	2.000	Ea
0205	_ Junction Box, 27 inch by 20 inch by 6 inch	8187050	2.000	Ea
0210	_ Junction Box, 6 inch by 6 inch by 24 inch	8187050	110.000	Ea
0215	Light Std Arm, 12 foot	8190268	61.000	Ea
0220	Light Std Arm, Rem	8190277	66.000	Ea
0225	Light Std Shaft, 30 foot or less	8190285	4.000	Ea
0230	Light Std Shaft, 31 foot to 40 foot	8190286	44.000	Ea
0235	Light Std Shaft, 41 foot to 50 foot	8190287	47.000	Ea
0240	Light Std Shaft, Rem	8190305	91.000	Ea
0245	Luminaire, Rem	8190360	359.000	Ea
0250	_ Luminaire, Decorative, Bridge LED	8197050	28.000	Ea
0255	_ Luminaire, Flood, 30000 Lumens LED	8197050	8.000	Ea
0260	_ Luminaire, Type 1-1, 10000 Lumens LED	8197050	232.000	Ea
0265	_ Luminaire, Type 1-2, 10000 Lumens LED	8197050	4.000	Ea
0270	_ Luminaire, Type 2-1, 15000 Lumens LED	8197050	40.000	Ea
0275	_ Luminaire, Type 2-2, 15000 Lumens LED	8197050	2.000	Ea
0280	_ Luminaire, Type 3-1, 30000 Lumens LED	8197050	67.000	Ea
0285	_ Luminaire, Type 3-2, 30000 Lumens LED	8197050	6.000	Ea
0290	_ Navigation Light, LED	8197050	4.000	Ea
0295	Junction Box, Rem	8200457	1.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 035**Letting Date:** July 1, 2022**Contract ID:** 49000-206188**Description:** 7.64 mi of hot mix asphalt overlay and pavement markings on Borgstrom Road from H-40 north to the north Mackinac County line, Mackinac County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206188A	22A0619	N/A	STL 49000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Wisconsin Central Railroad	1027060	1.000	Dlr
0010	Mobilization, Max \$94,300.00	1100001	1.000	LSUM
0015	Erosion Control, Silt Fence	2080036	4,420.000	Ft
0020	Aggregate Base	3020001	3,300.000	Ton
0025	HMA Base Crushing and Shaping	3050002	11,400.000	Syd
0030	Shld, CI II	3070121	8,250.000	Ton
0035	Cold Milling HMA Surface	5010002	60.000	Syd
0040	HMA, 4EML	5012025	900.000	Ton
0045	_ HMA Ultra-thin Overlay	5017031	5,000.000	Ton
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	24.000	Ft
0055	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	80,000.000	Ft
0060	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	40,000.000	Ft
0065	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0070	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	62.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	62.000	Ea
0085	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,230.000	Ft
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	128.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	128.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	Monument Box	8210001	5.000	Ea
0125	Monument Box Adj	8210005	4.000	Ea
0130	Monument Preservation	8210010	5.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 036**Letting Date:** July 1, 2022**Contract ID:** 58000-211906

Description: 1.26 mi of high friction surface treatment, signing and pavement markings on North Dixie Highway from Pheasant Lane to Armstrong Road, Newport South Road from Post Road to Swan Creek Road and War Road from Post Road to Buhl Road, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211906A	22A0599	N/A	HSIP 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$31,800.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	1.000	Ea
0015	High Friction Surface Treatment	5060800	6,000.000	Syd
0020	Post, Steel, 3 lb	8100371	1,120.000	Ft
0025	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0030	Sign, Type III, Rem	8100403	48.000	Ea
0035	Sign, Type IIIB	8100405	414.000	Sft
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	50.000	Ea
0045	Ground Mtd Sign Support, Rem	8102010	48.000	Ea
0050	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	160.000	Ft
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	120.000	Ft
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	400.000	Ft
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,800.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,150.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	400.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,800.000	Ft
0085	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	5,150.000	Ft
0090	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0095	Pavt Mrkg, Polyurea, Only	8110410	4.000	Ea
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM

0135	Sign, Type B, Temp, Prismatic, Furn	8120350	266.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	266.000	Sft
0145	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0150	HMA Surface, Rem	5010005	18.000	Syd
0155	Joint, Pressure Relief	6020213	80.000	Ft
0160	Reinforcement, Steel, Epoxy Coated	7060092	154.000	Lb
0165	Hand Chipping, Shallow	7120003	62.000	Syd
0170	Hand Chipping, Deep	7120004	21.000	Syd
0175	Hand Chipping, Other Than Deck	7120007	8.000	Cft
0180	Patch, Forming	7120017	13.000	Sft
0185	Epoxy Ovly	7120020	560.000	Syd
0190	Patching Conc, C-L	7120112	12.000	Cyd
0195	_ Preformed Neoprene Compression Joint Seal Replacement	7127001	100.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	700.000	Ft
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	70.000	Ft
0215	PTS System, Temp, Furn	8120270	1.000	Ea
0220	PTS System, Temp, Oper	8120271	1.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 037**Letting Date:** July 1, 2022**Contract ID:** 41000-205562

Description: 0.66 mi of hot mix asphalt widening and surfacing, concrete curb, gutter, sidewalk and ramps, guardrail and pavement markings on 68th Street from Plaster Creek easterly to Hanna Lake Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205562A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$175,700.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0025	Dr Structure, Rem	2030011	18.000	Ea
0030	Curb and Gutter, Rem	2040020	6,963.000	Ft
0035	Fence, Rem	2040025	200.000	Ft
0040	Guardrail, Rem	2040035	350.000	Ft
0045	Pavt, Rem	2040050	275.000	Syd
0050	Sidewalk, Rem	2040055	1,620.000	Syd
0055	Structures, Rem Portions	2040061	1.000	LSUM
0060	Exploratory Investigation, Vertical	2040080	75.000	Ft
0065	Excavation, Earth	2050016	4,100.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0075	Erosion Control, Silt Fence	2080036	400.000	Ft
0080	_ Project Cleanup, Modified	2097051	1.000	LSUM
0085	Subbase, CIP	3010002	1,900.000	Cyd
0090	Aggregate Base, Conditioning	3020051	33.000	Sta
0095	_ Aggregate Base, 8 Inch, Modified	3027011	864.000	Syd
0100	_ Aggregate Base, Modified	3027021	764.000	Cyd
0105	Approach, CI II, 6 inch	3070028	4,819.000	Syd
0110	Sewer, CI IV, 12 inch, Tr Det B	4020987	240.000	Ft
0115	Sewer Tap, 12 inch	4021204	8.000	Ea
0120	_ Core and Boot Existing Manhole for 8 inch Sanitary Sewer	4027050	1.000	Ea
0125	_ Wye, Sanitary, PVC, SDR-26, 6 inch by 8 inch	4027050	13.000	Ea
0130	_ Wye, Sanitary, Truss, 6 inch by 8 inch	4027050	1.000	Ea
0135	Dr Structure Cover, Adj, Case 1	4030005	23.000	Ea

0140	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0145	Dr Structure Cover, Type B	4030010	1.000	Ea
0150	Dr Structure Cover, Type K	4030050	18.000	Ea
0155	Dr Structure, 24 inch dia	4030200	9.000	Ea
0160	Dr Structure, 48 inch dia	4030210	8.000	Ea
0165	Dr Structure, Temp Lowering	4030390	8.000	Ea
0170	_ Manhole Channel Protection	4037050	6.000	Ea
0175	_ Underdrain, Subbase, 6 inch, Modified	4047001	5,000.000	Ft
0180	Cold Milling HMA Surface	5010002	2,846.000	Syd
0185	HMA Surface, Rem	5010005	14,376.000	Syd
0190	HMA Approach	5010061	26.000	Ton
0195	HMA, 4EMH	5012026	6,570.000	Ton
0200	HMA, 5EMH	5012038	2,200.000	Ton
0205	_ Modular Block Retaining Wall (Small Block)	7067010	240.000	Sft
0210	_ Rub Rail	7097001	50.000	Ft
0215	_ Driveway Opening, Conc, Det M, Modified	8007001	275.000	Ft
0220	Driveway, Nonreinf Conc, 6 inch	8010005	275.000	Syd
0225	Curb and Gutter, Conc, Det B2	8020016	232.000	Ft
0230	Curb and Gutter, Conc, Det F4	8020038	6,246.000	Ft
0235	Curb and Gutter, Bridge Approach, Det 2	8022011	64.000	Ft
0240	Detectable Warning Surface	8030010	30.000	Ft
0245	Curb Ramp Opening, Conc	8030030	71.000	Ft
0250	Sidewalk, Conc, 4 inch	8030044	14,575.000	Sft
0255	Sidewalk, Conc, 6 inch	8030046	560.000	Sft
0260	Curb Ramp, Conc, 6 inch	8032002	1,022.000	Sft
0265	Guardrail, Type B	8070000	38.000	Ft
0270	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0275	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0280	Post, Mailbox	8070095	40.000	Ea
0285	_ Guardrail, Type B, Modified	8077001	63.000	Ft
0290	Fence, Temp	8080004	100.000	Ft
0295	Fence, Chain Link, 48 inch	8080011	130.000	Ft
0300	_ Fence, Chain Link, 48 inch, Modified	8087001	70.000	Ft
0305	_ Curb and Gutter Offset Inlet	8087050	8.000	Ea
0310	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0315	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,000.000	Ft
0320	_ Pavt Mrkg, Waterborne, Lt Turn Arrow	8117050	1.000	Ea
0325	_ Pavt Mrkg, Waterborne, Rt Turn Arrow	8117050	1.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0340	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0345	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea

0355	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Plastic Drum, Fluorescent, Furn	8120252	110.000	Ea
0375	Plastic Drum, Fluorescent, Oper	8120253	110.000	Ea
0380	Sign Cover	8120310	6.000	Ea
0385	Sign, Type B, Temp, Prismatic, Furn	8120350	640.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	640.000	Sft
0395	Traf Regulator Control	8120370	1.000	LSUM
0400	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	400.000	Ft
0405	Mulch Blanket	8160027	1,000.000	Syd
0410	_ Roadside Seeding	8167011	3,500.000	Syd
0415	TS Face, Bag	8200458	1.000	Ea
0420	TS Face, Bag, Rem	8200459	1.000	Ea
0425	Monument Box	8210001	1.000	Ea
0430	Monument Preservation	8210010	1.000	Ea
0435	Water Shutoff, Adj, Temp, Case 1	8230381	2.000	Ea
0440	Water Shutoff, Adj, Temp, Case 2	8230382	1.000	Ea
0445	_ Hydrant, Relocate, Case 2, Modified	8237050	9.000	Ea
0450	_ Sanitary Sewer, PVC, SDR-26, 6 inch	8257001	530.000	Ft
0455	_ Sanitary Sewer, PVC, SDR-26, 8 inch	8257001	920.000	Ft
0460	_ Sanitary Sewer, Truss, 8 inch	8257001	14.000	Ft
0465	_ Sanitary Structure Frame and Cover	8257050	5.000	Ea
0470	_ Sanitary Structure, 48 inch Dia	8257050	5.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 038**Letting Date:** July 1, 2022**Contract ID:** 23000-205695

Description: 2.08 mi of hot mix asphalt cold milling and resurfacing, driveway openings and pavement markings on Millett Highway from Canal Road to Creyts Road and Marketplace Boulevard from M-43 to St. Joe Highway, Eaton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205695A	22A0661	N/A	STU 23000
205697A	22A0544	N/A	STU 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$98,600.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	380.000	Ft
0015	Pavt, Rem	2040050	15.000	Syd
0020	Sidewalk, Rem	2040055	480.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	Subbase, CIP	3010002	150.000	Cyd
0040	Aggregate Base	3020001	118.000	Ton
0045	_ Base Repair	3027031	40.000	Ton
0050	Trenching	3070200	10.000	Sta
0055	Dr Structure Cover, Adj, Case 1	4030005	51.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	11.000	Ft
0065	Dr Structure, Cleaning	4030290	45.000	Ea
0070	Dr Structure, Temp Lowering	4030390	51.000	Ea
0075	Underdrain, Subbase, 6 inch	4040063	50.000	Ft
0080	Cold Milling HMA Surface	5010002	62,400.000	Syd
0085	HMA Surface, Rem	5010005	450.000	Syd
0090	Hand Patching	5010025	122.000	Ton
0095	HMA, 4EML	5012025	6,535.000	Ton
0100	HMA, 5EML	5012037	2,950.000	Ton
0105	Curb and Gutter, Conc, Det F4	8020038	110.000	Ft
0110	Driveway Opening, Conc, Det M	8020050	1,320.000	Ft
0115	Sidewalk, Conc, 4 inch	8030044	490.000	Sft
0120	Curb Ramp, Conc, 4 inch	8032001	1,010.000	Sft
0125	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	77.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea

0135	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	77.000	Ft
0155	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,000.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,000.000	Ft
0165	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0170	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0175	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0180	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0205	Lighted Arrow, Type B, Furn	8120130	4.000	Ea
0210	Lighted Arrow, Type B, Oper	8120131	4.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	400.000	Ft
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,200.000	Ft
0230	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0240	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0245	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0255	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0260	Monument Box Adj	8210005	1.000	Ea
0265	Water Shutoff, Reconst, Case 1	8230401	2.000	Ea
0270	Water Shutoff, Adj, Case 1	8230421	4.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 039**Letting Date:** July 1, 2022**Contract ID:** 82000-209914

Description: 1.41 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Warren Road from Newburgh Road northeasterly to Wayne Road in the city of Westland, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209914A	22A0490	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$160,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	477.000	Ft
0015	Sidewalk, Rem	2040055	194.000	Syd
0020	_ Pavt Repr, Remove, Patching	2047011	4,528.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	49.000	Ea
0030	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0035	Project Cleanup	2090001	1.000	LSUM
0040	Dr Structure, Temp Lowering	4030390	8.000	Ea
0045	_ Dr Structure Reconstruct	4037001	18.000	Ft
0050	_ Dr Structure Cover, Adj	4037050	66.000	Ea
0055	_ Dr Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0060	_ Dr Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0065	_ San Structure Cover, Adj	4037050	13.000	Ea
0070	Pavt for Butt Joints, Rem	5010008	1,648.000	Syd
0075	Pavt Joint and Crack Repr, Det 8	5010021	127.000	Ft
0080	_ Cold Milling HMA Surface, Modified	5017011	5,839.000	Syd
0085	_ Bit Mixture for Patching, Temp	5017031	10.000	Ton
0090	_ Conditioning Existing Pavement	5017031	375.000	Ton
0095	_ Misc HMA Approach	5017031	15.000	Ton
0100	_ Misc HMA, 5EMH	5017031	6,307.000	Ton
0105	_ Misc HMA, Hand Patching	5017031	11.000	Ton
0110	_ Misc HMA, Wedge	5017031	24.000	Ton
0115	Joint, Contraction, Cp	6020200	2,520.000	Ft
0120	Joint, Expansion, E2	6020207	378.000	Ft
0125	_ Cold Weather Protection, Conc Pavt	6027011	2,000.000	Syd
0130	Lane Tie, Epoxy Anchored	6030030	158.000	Ea
0135	Resealing Trans Joints with Hot-Poured Rubber	6030100	537.000	Ft

0140	Resealing Longit Joints with Hot-Poured Rubber	6030101	716.000	Ft
0145	_ Pavt Repr, Nonreinf Conc, Patching	6037011	4,528.000	Syd
0150	Curb and Gutter, Conc, Det F5	8020039	100.000	Ft
0155	_ Conc Curb Cap	8027001	30.000	Ft
0160	_ Conc Curb Cap, Patching	8027001	45.000	Ft
0165	Detectable Warning Surface	8030010	143.000	Ft
0170	Curb Ramp Opening, Conc	8030030	219.000	Ft
0175	Sidewalk, Conc, 4 inch	8030044	216.000	Sft
0180	Curb Ramp, Conc, 4 inch	8032001	912.000	Sft
0185	_ Curb Ramp, Conc, 8 inch	8037010	522.000	Sft
0190	_ Field Office	8097043	3.000	Mo
0195	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0200	_ Sign, Type B, Perm	8107010	446.000	Sft
0205	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,250.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	690.000	Ft
0215	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	20.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,000.000	Ft
0235	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,600.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	520.000	Ft
0245	Rem Curing Compound, for Spec Mrkg	8110321	120.000	Sft
0250	Rem Spec Mrkg	8110343	600.000	Sft
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	55.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	55.000	Ea
0265	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0275	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,000.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	150.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	150.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
0305	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
0310	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	150.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	150.000	Ft
0320	Sign Cover	8120310	6.000	Ea
0325	Sign, Type B, Temp, Prismatic, Furn	8120350	584.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	584.000	Sft
0335	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft

0345	Traf Regulator Control	8120370	1.000	LSUM
0350	Topsoil Surface, Furn, 2 inch	8160060	4,260.000	Syd
0355	Water, Sodding/Seeding	8160090	150.000	Unit
0360	_ Sodding, Modified	8167011	4,260.000	Syd
0365	Monument Box Adj	8210005	8.000	Ea
0370	Monument Preservation	8210010	8.000	Ea
0375	Protect Corners	8210020	8.000	Ea
0380	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr
0385	_ Contractor Staking, Modified	8247051	1.000	LSUM



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 040**Letting Date:** July 1, 2022**Contract ID:** 11000-206404

Description: 1.20 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sewer and pavement markings on Red Arrow Highway from southwest of Harbert Road to Cherry Beach Road and from Sawyer Road to northeast of Harbert Road, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206404A	22A0662	N/A	STL 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$151,600.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	9.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	1,715.000	Ft
0020	Curb and Gutter, Rem	2040020	2,450.000	Ft
0025	Guardrail, Rem	2040035	1,375.000	Ft
0030	_ Pavt, Rem, Modified	2047011	4,400.000	Syd
0035	Excavation, Earth	2050016	520.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	75.000	Cyd
0045	Flowable Fill, Non-Structural	2050148	35.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0055	Erosion Control, Silt Fence	2080036	4,400.000	Ft
0060	_ Aggregate Base, 6 inch, Modified	3027011	7,275.000	Syd
0065	_ Aggregate Base, 8 inch, Modified	3027011	2,930.000	Syd
0070	Shld, CI II, 4 inch	3070126	2,635.000	Syd
0075	_ Trenching, Modified	3077002	32.000	Sta
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	2,080.000	Ft
0085	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0090	Dr Structure Cover, Type B	4030010	9.000	Ea
0095	Dr Structure Cover, Type E	4030035	1.000	Ea
0100	Dr Structure Cover, Type G	4030040	6.000	Ea
0105	Dr Structure Cover, Type J	4030045	2.000	Ea
0110	Dr Structure Cover, Type K	4030050	1.000	Ea
0115	Dr Structure Cover, Type Q	4030065	3.000	Ea
0120	Dr Structure, 24 inch dia	4030200	3.000	Ea
0125	Dr Structure, 48 inch dia	4030210	9.000	Ea
0130	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0135	Cold Milling HMA Surface	5010002	18,715.000	Syd

0140	HMA Surface, Rem	5010005	2,070.000	Syd
0145	Pavt Joint and Crack Repr, Det 7	5010020	3,000.000	Ft
0150	Hand Patching	5010025	200.000	Ton
0155	HMA Approach	5010061	230.000	Ton
0160	HMA, 4EML	5012025	2,430.000	Ton
0165	HMA, 5EML	5012037	2,515.000	Ton
0170	Curb, Conc, Det E2	8020002	220.000	Ft
0175	Curb and Gutter, Conc, Det B2	8020016	1,420.000	Ft
0180	Curb and Gutter, Conc, Det C4	8020023	530.000	Ft
0185	Detectable Warning Surface	8030010	158.000	Ft
0190	Curb Ramp Opening, Conc	8030030	158.000	Ft
0195	Curb Ramp, Conc, 6 inch	8032002	1,460.000	Sft
0200	Shared use Path, Grading	8060030	3,575.000	Ft
0205	Shared use Path, HMA	8060040	1,065.000	Ton
0210	Guardrail, Type B	8070000	1,113.000	Ft
0215	Guardrail, Curved, Type B	8070010	37.000	Ft
0220	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0225	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0230	Guardrail Reflector	8070080	67.000	Ea
0235	_ Trail Guardrail	8077001	985.000	Ft
0240	Post, Steel, 3 lb	8100371	275.000	Ft
0245	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0250	Sign, Type III, Rem	8100403	18.000	Ea
0255	Sign, Type IIIA	8100404	42.000	Sft
0260	Sign, Type IIIB	8100405	84.000	Sft
0265	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	435.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	95.000	Ft
0275	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0280	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	1.000	Ea
0285	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,670.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,610.000	Ft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0305	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	95.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	95.000	Ea
0315	Dust Palliative, Applied	8120100	50.000	Ton
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0325	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0335	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0340	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0345	Sign, Type B, Temp, Prismatic, Furn	8120350	295.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	295.000	Sft

0355	Traf Regulator Control	8120370	1.000	LSUM
0360	Slope Restoration, Non-Freeway, Type B	8162002	5,395.000	Syd
0365	Slope Restoration, Non-Freeway, Type C	8162003	300.000	Syd
0370	_ Hydrant, Relocate, Case 1, Modified	8237050	2.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 041**Letting Date:** July 1, 2022**Contract ID:** 37000-206363

Description: 5.03 mi of hot mix asphalt cold milling and resurfacing, guardrail improvements, sidewalk ramps and pavement markings on Mission Road from Rosebush Road north to Stevenson Lake Road, Isabella County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206363A	22A0569	N/A	STL 37000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$104,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	152.000	Ft
0015	Guardrail, Rem	2040035	745.000	Ft
0020	Sidewalk, Rem	2040055	87.000	Syd
0025	Excavation, Earth	2050016	144.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0035	Erosion Control, Silt Fence	2080036	600.000	Ft
0040	Aggregate Base	3020001	403.000	Ton
0045	Approach, CI I	3070001	161.000	Ton
0050	Shld, CI II	3070121	2,825.000	Ton
0055	Trenching	3070200	21.000	Sta
0060	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0065	HMA Surface, Rem	5010005	43.000	Syd
0070	Hand Patching	5010025	179.000	Ton
0075	HMA Approach	5010061	483.000	Ton
0080	HMA, 5EML	5012037	7,518.000	Ton
0085	_ Cold Milling HMA Surface, Modified	5017011	74,196.000	Syd
0090	_ Hauling Millings	5017011	74,196.000	Syd
0095	Bridge Railing, Thrie Beam Retrofit	7110006	25.000	Ft
0100	Curb and Gutter, Conc, Det F4	8020038	70.000	Ft
0105	Detectable Warning Surface	8030010	68.000	Ft
0110	Curb Ramp Opening, Conc	8030030	80.000	Ft
0115	Curb Ramp, Conc, 6 inch	8032002	992.000	Sft
0120	Guardrail, Type B	8070000	50.000	Ft
0125	Guardrail, Type MGS-8	8070004	569.000	Ft
0130	Guardrail, Curved, Type B	8070010	150.000	Ft
0135	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea

0140	Guardrail Departing Terminal, Type B	8070050	8.000	Ea
0145	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0150	Guardrail Post, Culv	8070070	2.000	Ea
0155	Guardrail Reflector	8070080	61.000	Ea
0160	Guardrail Anch, Bridge, Det A3	8070150	3.000	Ea
0165	Guardrail, Long Span, Det MGS-1	8072121	3.000	Ea
0170	_ Guardrail Anch, Bridge, Det A3, Modified	8077050	1.000	Ea
0175	Post, Steel, 3 lb	8100371	42.000	Ft
0180	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0185	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	100.000	Ft
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	20.000	Ft
0195	Pavt Mrkg, Waterborne, 4 inch, White	8110231	53,117.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	23,623.000	Ft
0205	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	53,117.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	23,623.000	Ft
0215	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0220	_ Pavt Mrkg, Ovly Cold Plastic, 6 inch, Cross Hatching, White	8117001	175.000	Ft
0225	Pedestrian Type II Barricade, Temp	8120026	13.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	351.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	351.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,458.000	Ft
0260	Sign, Type A, Temp, Prismatic, Furn	8120340	13.000	Sft
0265	Sign, Type A, Temp, Prismatic, Oper	8120341	13.000	Sft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	636.000	Sft
0275	Sign, Type B, Temp, Prismatic, Oper	8120351	636.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0285	Slope Restoration, Non-Freeway, Type B	8162002	306.000	Syd
0290	Monument Box	8210001	3.000	Ea
0295	Monument Box Adj	8210005	10.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 042**Letting Date:** July 1, 2022**Contract ID:** 58000-212324**Description:** 0.30 mi of hot mix asphalt approaches, ditch cleanout, storm sewer, stump removal and signing on Hickory Road at Norfolk Southern Railroad, Monroe County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212324A	22A0631	N/A	STRH 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing	1027060	5,000.000	Dlr
0010	Mobilization, Max \$31,600.00	1100001	1.000	LSUM
0015	Stump, Rem, 19 inch to 36 inch	2020006	34.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	13.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0035	Ditch Cleanout	2050006	5.000	Sta
0040	Embankment, CIP	2050010	1,450.000	Cyd
0045	Excavation, Earth	2050016	155.000	Cyd
0050	Aggregate Base	3020001	3,970.000	Ton
0055	Aggregate Base, Conditioning	3020050	200.000	Syd
0060	Maintenance Gravel	3060020	20.000	Ton
0065	Driveway Maintenance, Residential	3062001	5.000	Ea
0070	Approach, CI II	3070021	10.000	Ton
0075	Shld, CI II	3070121	140.000	Ton
0080	Culv, CI E, 24 inch	4010542	48.000	Ft
0085	Sewer, CI IV, 12 inch, Tr Det A	4020960	204.000	Ft
0090	Sewer, CI IV, 18 inch, Tr Det A	4020962	112.000	Ft
0095	Sewer, CI IV, 24 inch, Tr Det A	4020963	178.000	Ft
0100	Sewer, CI IV, 12 inch, Tr Det B	4020987	248.000	Ft
0105	Sewer, CI IV, 15 inch, Tr Det B	4020988	32.000	Ft
0110	Sewer, CI IV, 18 inch, Tr Det B	4020989	24.000	Ft
0115	Sewer, CI IV, 24 inch, Tr Det B	4020993	116.000	Ft
0120	Dr Structure Cover, Type B	4030010	4.000	Ea
0125	Dr Structure, 48 inch dia	4030210	4.000	Ea
0130	Dr Structure, 60 inch dia	4030220	1.000	Ea
0135	HMA Surface, Rem	5010005	220.000	Syd
0140	HMA, 4EL	5012024	626.000	Ton

0145	Post, Steel, 3 lb	8100371	60.000	Ft
0150	Sign, Type III, Rem	8100403	6.000	Ea
0155	Sign, Type IIIB	8100405	18.000	Sft
0160	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	54.000	Ft
0165	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,000.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,000.000	Ft
0175	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,000.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,000.000	Ft
0185	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	152.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	152.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	Slope Restoration, Non-Freeway, Type B	8162002	2,000.000	Syd



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 043**Letting Date:** July 1, 2022**Contract ID:** 70000-213925**Description:** 0.98 mi of hot mix asphalt cold milling and resurfacing and pavement markings on State Road from 144th Avenue easterly to 136th Avenue, Ottawa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213925A	22A0604	N/A	HIC 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,900.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	181.000	Syd
0015	Approach, CI I, 6 inch	3070008	181.000	Syd
0020	_ Trenched Material Disposal	3077002	83.000	Sta
0025	_ Trenching, Modified	3077002	83.000	Sta
0030	_ Shoulder, Class II, Modified	3077011	3,415.000	Syd
0035	_ Approach, Class II, Driveway	3077050	41.000	Ea
0040	_ Approach, Class II, Intersection	3077050	3.000	Ea
0045	Cold Milling HMA Surface	5010002	13,820.000	Syd
0050	Pavt for Butt Joints, Rem	5010008	516.000	Syd
0055	HMA Approach	5010061	129.000	Ton
0060	HMA, 2EL	5012000	790.000	Ton
0065	HMA, 4EL	5012024	1,972.000	Ton
0070	HMA, 5EL	5012036	1,480.000	Ton
0075	_ Mailbox Post, Modified	8077050	5.000	Ea
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,436.000	Ft
0085	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,326.000	Ft
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	81.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	81.000	Ea
0100	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0105	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0115	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	436.000	Ft
0120	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	424.000	Ft
0125	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0130	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0135	Traf Regulator Control	8120370	1.000	LSUM

0140	_ Slope Restoration	8167011	50.000	Syd
------	---------------------	---------	--------	-----



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 044**Letting Date:** July 1, 2022**Contract ID:** 13000-215056

Description: 0.83 mi of hot mix asphalt cold milling and resurfacing and pavement markings on Clark Road from River Road south to M-96 (Dickman Road) in the city of Battle Creek, Marshall County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215056A	22A0553	N/A	ST 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$29,800.00	1100001	1.000	LSUM
0010	Dr Structure Cover, Adj, Case 1, Modified	4030004	2.000	Ea
0015	Dr Structure Cover, Type B	4030010	2.000	Ea
0020	Cold Milling HMA Surface	5010002	31,000.000	Syd
0025	HMA, 5EMH	5012038	2,800.000	Ton
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	17.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	1.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0060	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,750.000	Ft
0065	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,375.000	Ft
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	435.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	435.000	Sft
0100	Gate Box, Adj, Case 1	8230431	3.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 045**Letting Date:** July 1, 2022**Contract ID:** 79051-212198**Description:** Guardrail upgrades, shoulder improvements, embankment and slope restoration on various routes, Tuscola County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212198A	22A0608	N/A	STL 79051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$23,700.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	1,780.000	Ft
0015	_ Barrier Wall, Partial, Remove	2047001	106.000	Ft
0020	Embankment, CIP	2050010	512.000	Cyd
0025	Erosion Control, Silt Fence	2080036	600.000	Ft
0030	Shld, CI II	3070121	246.000	Ton
0035	HMA Surface, Rem	5010005	10.000	Syd
0040	Guardrail, Type MGS-8	8070004	1,469.000	Ft
0045	Guardrail, Curved, Type B	8070010	75.000	Ft
0050	Guardrail, Curved, Type MGS-8	8070012	88.000	Ft
0055	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0060	Guardrail Approach Terminal, Type 2M	8070044	19.000	Ea
0065	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0070	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0075	Guardrail Reflector	8070080	94.000	Ea
0080	Post, Mailbox	8070095	1.000	Ea
0085	_ Thrie Beam Retrofit	8077001	400.000	Ft
0090	_ W Beam Retrofit	8077001	50.000	Ft
0095	_ Thrie Beam Retrofit, Post	8077050	58.000	Ea
0100	_ W Beam Retrofit, Post	8077050	8.000	Ea
0105	Delineator Reflector, Green	8100133	24.000	Ea
0110	Post, Rigid, Delineator	8100361	24.000	Ea
0115	Post, Steel, 3 lb	8100371	120.000	Ft
0120	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0125	Sign, Type III, Rem	8100403	6.000	Ea
0130	Sign, Type IIIB	8100405	9.000	Sft
0135	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0140	Sign, Type III, Rem, Salv	8102003	5.000	Ea

0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	608.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	608.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	_ Slope Restoration, Modified	8167011	2,078.000	Syd



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 046**Letting Date:** July 1, 2022**Contract ID:** 32000-213867**Description:** Installation of span wire mounted overhead flashing beacons, wood pole, conduit, and signing on Bay Port Road at Sebewaing Road, Huron County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213867A	22A0621	N/A	HSIP 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$10,000.00	1100001	1.000	LSUM
0010	Exploratory Investigation, Vertical	2040080	30.000	Ft
0015	Post, Steel, 3 lb	8100371	15.000	Ft
0020	Post, Wood, 4 inch by 6 inch	8100380	224.000	Ft
0025	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0030	Sign, Type III, Rem	8100403	16.000	Ea
0035	Sign, Type IIIA	8100404	174.000	Sft
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	16.000	Ea
0045	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0050	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	60.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	60.000	Ea
0075	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	628.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	628.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0105	Slope Restoration, Non-Freeway, Type F	8162006	756.000	Syd
0110	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	95.000	Ft
0115	Conduit, DB, 1, 1 1/2 inch	8182048	3,374.000	Ft
0120	Hh, Round	8182310	14.000	Ea
0125	Wood Pole, Cl 4, 35 foot	8182350	1.000	Ea
0130	Serv Disconnect	8182366	1.000	Ea
0135	Serv Disconnect, Rem	8182367	1.000	Ea

0140	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8182371	1.000	Ea
0145	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0150	Controller and Cabinet, Rem	8200030	1.000	Ea
0155	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0160	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0165	Span Wire	8200140	1.000	Ea
0170	Span Wire, Rem	8200141	3.000	Ea
0175	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0180	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
0185	Sign Optical, (LED)	8200373	8.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 047**Letting Date:** July 1, 2022**Contract ID:** 62000-215539

Description: 1.48 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders and pavement markings on Wisner Avenue from 124th Street north to 112th Street, Newaygo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215539A	22A0624	N/A	HIC 62000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$44,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	180.000	Ft
0015	_ Project Cleanup, Modified	2097051	1.000	LSUM
0020	Salv Crushed Material, LM	3050015	300.000	Cyd
0025	_ HMA Base Crushing and Shaping, Modified	3057011	21,700.000	Syd
0030	Approach, CI III	3070041	80.000	Ton
0035	Shld, CI III	3070141	1,000.000	Ton
0040	HMA Surface, Rem	5010005	100.000	Syd
0045	HMA, 3C	5010031	2,600.000	Ton
0050	HMA Approach	5010061	30.000	Ton
0055	HMA, 5EML	5012037	1,950.000	Ton
0060	_ HMA Spillway	5017001	30.000	Ft
0065	Curb and Gutter, Conc, Det B2	8020016	180.000	Ft
0070	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,000.000	Ft
0075	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,000.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0090	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0095	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	600.000	Ft
0110	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0115	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft

0135	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0145	Riprap, Plain	8130010	30.000	Syd
0150	_ Roadside Seeding	8167011	500.000	Syd
0155	_ Monument Preservation, Spec	8217050	2.000	Ea
0160	_ Well Brine, 26%	8507022	16,300.000	Gal



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 048**Letting Date:** July 1, 2022**Contract ID:** 82000-208976

Description: 0.90 mi of hot mix asphalt cold milling and resurfacing, storm sewer, concrete pavement repair, curb ramps and pavement markings on Beaconsfield Road from Woodland Drive northeasterly to eastbound Vernier Road (M-102) in the city of Harper Woods, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208976A	22A0617	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077051	1.000	LSUM
0010	Mobilization, Max \$129,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	9.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	96.000	Ft
0025	Curb and Gutter, Rem	2040020	130.000	Ft
0030	Sidewalk, Rem	2040055	302.000	Syd
0035	Embankment, CIP	2050010	300.000	Cyd
0040	Excavation, Earth	2050016	1,100.000	Cyd
0045	Granular Material, CI II	2050023	10.000	Cyd
0050	_ Subgrade Undercutting, Modified	2057021	100.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0060	Project Cleanup	2090001	1.000	LSUM
0065	Aggregate Base, LM	3020002	20.000	Cyd
0070	Aggregate Base, 8 inch	3020020	3,000.000	Syd
0075	_ Maintenance Gravel, Modified	3067021	250.000	Cyd
0080	Sewer, CI IV, 12 inch, Tr Det B	4020987	108.000	Ft
0085	Trench Undercut and Backfill	4021260	20.000	Cyd
0090	Video Taping Sewer and Culv Pipe	4021275	108.000	Ft
0095	_ Sewer, Repr, 12 inch, Tr Det B	4027001	6.000	Ft
0100	_ Sewer, Sch40 PVC, 12 inch, Tr Det B	4027001	60.000	Ft
0105	Dr Structure Cover, Adj, Case 1	4030005	36.000	Ea
0110	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0115	Dr Structure, 48 inch dia	4030210	1.000	Ea
0120	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0125	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0130	Dr Structure, Temp Lowering	4030390	47.000	Ea
0135	_ Catch Basin Cover, Harper Woods	4037050	27.000	Ea

0140	_ Dr Structure Cover, ADA Compliant	4037050	1.000	Ea
0145	_ Dr Structure, 36 inch dia	4037050	9.000	Ea
0150	_ External Structure Wrap, 18 inch	4037050	42.000	Ea
0155	_ Sanitary Manhole Cover, Harper Woods	4037050	3.000	Ea
0160	_ Sewer Tap, 12 inch, Modified	4037050	1.000	Ea
0165	_ Storm Manhole Cover, WCDPS	4037050	9.000	Ea
0170	Pavt, Cleaning	5010001	1.000	LSUM
0175	Cold Milling HMA Surface	5010002	23,431.000	Syd
0180	HMA Surface, Rem	5010005	170.000	Syd
0185	Joint and Crack, Cleanout	5010015	18,000.000	Ft
0190	Pavt Joint and Crack Repr, Det 7	5010020	12,500.000	Ft
0195	Hand Patching	5010025	600.000	Ton
0200	HMA, 4EML	5012025	2,000.000	Ton
0205	HMA, 4EMH	5012026	3,300.000	Ton
0210	Joint, Expansion, E3	6020208	108.000	Ft
0215	Joint, Plane-of-Weakness, W, Intersection	6020310	2,500.000	Ft
0220	Cement	6030005	1.000	Ton
0225	Cold Milling Conc Pavt	6030014	1,840.000	Syd
0230	Lane Tie, Epoxy Anchored	6030030	2,250.000	Ea
0235	Pavt Repr, Nonreinf Conc, 8 inch	6030044	2,820.000	Syd
0240	_ Pavt Repr, Rem, Modified	6037011	3,200.000	Syd
0245	Driveway, Nonreinf Conc, 6 inch	8010005	149.000	Syd
0250	Driveway, Nonreinf Conc, 8 inch	8010007	229.000	Syd
0255	Detectable Warning Surface	8030010	205.000	Ft
0260	Curb Ramp Opening, Conc	8030030	328.000	Ft
0265	Sidewalk, Conc, 4 inch	8030044	75.000	Sft
0270	Curb Ramp, Conc, 4 inch	8032001	300.000	Sft
0275	_ Curb Ramp, Conc, 8 inch	8037010	1,665.000	Sft
0280	Post, Steel, 3 lb	8100371	304.000	Ft
0285	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0290	Sign, Type III, Rem	8100403	39.000	Ea
0295	Sign, Type IIIA	8100404	244.000	Sft
0300	Sign, Type IIIB	8100405	111.000	Sft
0305	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,338.000	Ft
0310	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	272.000	Ft
0315	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	382.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0325	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
0330	Pavt Mrkg, Ovly Cold Plastic, School	8110074	5.000	Ea
0335	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,005.000	Ft
0340	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,380.000	Ft
0345	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,005.000	Ft
0350	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	8,380.000	Ft
0355	Rem Curing Compound, for Spec Mrkg	8110321	190.000	Sft

0360	Recessing Pavt Mrkg, Longit	8110450	10,385.000	Ft
0365	Recessing Pavt Mrkg, Transv	8110451	1,514.000	Sft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0375	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0380	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0385	Pedestrian Type II Channelizer, Temp	8120027	60.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0395	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0405	Part Width Intersection Construction	8120190	4.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	750.000	Ft
0415	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	250.000	Ft
0420	Plastic Drum, Fluorescent, Furn	8120252	330.000	Ea
0425	Plastic Drum, Fluorescent, Oper	8120253	330.000	Ea
0430	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0435	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	500.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	500.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0455	Pedestrian Ramp, Temp	8122251	5.000	Ea
0460	Water, Sodding/Seeding	8160090	200.000	Unit
0465	_ Surface Restoration, Hydroseeding	8167011	2,050.000	Syd
0470	Case Sign Panel	8200003	2.000	Ea
0475	Case Sign Panel, Rem	8200004	4.000	Ea
0480	Case Sign Panel, Salv	8200005	2.000	Ea
0485	TS Face, Bag	8200458	26.000	Ea
0490	TS Face, Bag, Rem	8200459	26.000	Ea
0495	Monument Box	8210001	4.000	Ea
0500	_ Irrigation Pipe	8237050	250.000	Ea
0505	_ Sprinkler Head	8237050	20.000	Ea
0510	_ Audio-Visual Record of the Construction Influence Area	8507051	1.000	LSUM



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 049**Letting Date:** July 1, 2022**Contract ID:** 63000-212352

Description: 1.07 mi of hot mix asphalt and concrete paving, add left turn lane, curb, gutter and sidewalk, pavement repairs and pavement markings on 10 Mile Road from Meadowbrook Road to Haggerty Road in the city of Novi, Oakland County. This project includes a 3 year Local Agency Program Warranty. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212352A	22A0614	N/A	ST 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	5,000.000	Dlr
0010	Mobilization, Max \$729,700.00	1100001	1.000	LSUM
0015	_ Clearing, RCOC	2017011	1,966.000	Syd
0020	Tree, Rem, 19 inch to 36 inch	2020002	6.000	Ea
0025	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0035	_ Stump, Rem, 3 inch to 18 inch	2027050	7.000	Ea
0040	_ Tree Trimming, Single Tree Bottom	2027050	3.000	Ea
0045	_ Tree Trimming, Single Tree Top	2027050	2.000	Ea
0050	_ Tree, Rem, 3 inch to 18 inch	2027050	101.000	Ea
0055	Culv, Rem, Less than 24 inch	2030001	20.000	Ea
0060	Dr Structure, Abandon	2030010	5.000	Ea
0065	Dr Structure, Rem	2030011	21.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,850.000	Ft
0075	Sewer, Rem, 24 inch to 48 inch	2030016	187.000	Ft
0080	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0085	Culv, Other than Pipe, Rem	2040015	2.000	Ea
0090	Curb and Gutter, Rem	2040020	3,450.000	Ft
0095	Fence, Rem	2040025	638.000	Ft
0100	Guardrail, Rem	2040035	465.000	Ft
0105	Masonry and Conc Structure, Rem	2040045	30.000	Cyd
0110	Pavt, Rem	2040050	4,616.000	Syd
0115	Sidewalk, Rem	2040055	1,458.000	Syd
0120	Utility Pole, Rem	2040070	5.000	Ea
0125	_ Exploratory Investigation, Utility, Vertical, RCOC	2047001	90.000	Ft
0130	_ Gas Utility, Rem	2047001	4,000.000	Ft
0135	_ Exploratory Investigation, Utility, RCOC	2047021	550.000	Cyd

0140	Embankment, CIP	2050010	6,516.000	Cyd
0145	Excavation, Earth	2050016	11,176.000	Cyd
0150	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0155	Flowable Fill, Non-Structural	2050148	200.000	Cyd
0160	_ Excavation, Earth, RCOC	2057011	9,549.000	Syd
0165	_ Subgrade Undercutting, 21AA	2057021	500.000	Cyd
0170	_ Subgrade Undercutting, 3 by 1	2057021	250.000	Cyd
0175	Backfill, Structure, CIP	2060002	1,099.000	Cyd
0180	Excavation, Fdn	2060010	2,138.000	Cyd
0185	Erosion Control, Turbidity Curtain, Deep	2080042	69.000	Ft
0190	_ Erosion Control, Check Dam, Stone, RCOC	2087001	26.000	Ft
0195	_ Erosion Control, Silt Fence, RCOC	2087001	1,220.000	Ft
0200	_ Mulch, Temp, Regular, RCOC	2087011	1,748.000	Syd
0205	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	44.000	Ea
0210	_ Erosion Control, Inlet Protection, Geotextile and Stone, RCOC	2087050	32.000	Ea
0215	_ Erosion Control, Inlet Protection, Sediment Trap, RCOC	2087050	9.000	Ea
0220	Aggregate Base, Conditioning	3020050	1,177.000	Syd
0225	_ Aggregate Base, 10 inch, 21AA, RCOC	3027011	16,492.000	Syd
0230	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	5,081.000	Syd
0235	_ Aggregate Base, 6 inch, 21AA, RCOC	3027011	2,775.000	Syd
0240	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	4,515.000	Syd
0245	_ Aggregate Base, 21AA, RCOC	3027031	148.000	Ton
0250	Maintenance Gravel	3060020	200.000	Ton
0255	_ Shoulder, 21AA, 9 inch	3077011	2,518.000	Syd
0260	Geotextile, Stabilization, Non-Woven	3082001	2,000.000	Syd
0265	Road Grade Biaxial Geogrid	3082002	2,000.000	Syd
0270	Culv End Sect, Conc, 12 inch	4010047	11.000	Ea
0275	Culv End Sect, Conc, 15 inch	4010048	11.000	Ea
0280	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0285	Culv End Sect, Conc, 42 inch	4010054	1.000	Ea
0290	Culv End Sect, Footing	4010072	24.000	Ea
0295	_ Culv, CI F, CSP, 12 inch, RCOC	4017001	548.000	Ft
0300	Sewer, CI IV, 12 inch, Tr Det B	4020987	1,471.000	Ft
0305	Sewer, CI IV, 15 inch, Tr Det B	4020988	1,919.000	Ft
0310	Sewer, CI IV, 18 inch, Tr Det B	4020989	211.000	Ft
0315	Sewer, CI IV, 24 inch, Tr Det B	4020993	38.000	Ft
0320	Sewer, CI IV, 30 inch, Tr Det B	4020994	16.000	Ft
0325	Sewer, CI IV, 42 inch, Tr Det B	4020996	8.000	Ft
0330	Sewer Tap, 12 inch	4021204	6.000	Ea
0335	Sewer Tap, 15 inch	4021205	1.000	Ea
0340	Sewer Tap, 30 inch	4021208	1.000	Ea
0345	Sewer Tap, 42 inch	4021210	1.000	Ea
0350	Sewer Bulkhead, 15 inch	4021231	1.000	Ea

0355	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0360	Trench Undercut and Backfill	4021260	445.000	Cyd
0365	Video Taping Sewer and Culv Pipe	4021275	4,296.000	Ft
0370	_ Sewer, CI IV, 42 inch, Tr Det B, Modified	4027001	92.000	Ft
0375	Dr Structure Cover, Adj, Case 1	4030005	14.000	Ea
0380	Dr Structure Cover, Adj, Case 2	4030006	18.000	Ea
0385	Dr Structure Cover, Type B	4030010	30.000	Ea
0390	Dr Structure Cover, Type D	4030025	2.000	Ea
0395	Dr Structure Cover, Type E	4030035	12.000	Ea
0400	Dr Structure Cover, Type J	4030045	32.000	Ea
0405	Dr Structure, 24 inch dia	4030200	8.000	Ea
0410	Dr Structure, 48 inch dia	4030210	32.000	Ea
0415	Dr Structure, 60 inch dia	4030220	5.000	Ea
0420	Dr Structure, 96 inch dia	4030234	1.000	Ea
0425	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	23.000	Ft
0430	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	13.000	Ft
0435	Dr Structure, Adj, Add Depth	4030280	66.000	Ft
0440	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0445	Dr Structure, Tap, 15 inch	4030315	8.000	Ea
0450	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0455	Dr Structure, Temp Lowering	4030390	6.000	Ea
0460	_ Public Utility Structure, Adj, Add Depth	4037001	86.000	Ft
0465	_ Dr Structure Cover, Adj, Case 1, RCOC	4037050	7.000	Ea
0470	_ Public Utility Structure Cover	4037050	5.000	Ea
0475	_ Public Utility Structure Cover, Adj, Case 1	4037050	9.000	Ea
0480	_ Public Utility Structure Cover, Adj, Case 1, RCOC	4037050	11.000	Ea
0485	_ Public Utility Structure Cover, Adj, Case 2	4037050	23.000	Ea
0490	_ Public Utility Structure, Temp Lowering	4037050	5.000	Ea
0495	_ Sediment Trap, 12 inch dia Outlet	4037050	1.000	Ea
0500	_ Sediment Trap, 15 inch dia Outlet	4037050	6.000	Ea
0505	_ Sediment Trap, 18 inch dia Outlet	4037050	2.000	Ea
0510	_ Sediment Trap, 24 inch dia Outlet	4037050	1.000	Ea
0515	Underdrain Outlet, 6 inch	4040093	370.000	Ft
0520	Underdrain, Outlet Ending, 6 inch	4040113	29.000	Ea
0525	_ Underdrain, Subgrade, Open-Graded, 6 inch, RCOC	4047001	5,685.000	Ft
0530	Culv Bedding, Box Culv	4060005	169.000	Cyd
0535	_ Culv, Precast Conc Box, 14 foot by 4 foot	4067001	81.000	Ft
0540	_ Culv, Precast Conc Box, 16 foot by 5 foot	4067001	84.000	Ft
0545	_ Box Culvert Joint Tie Assemblies, Bishop Creek	4067051	1.000	LSUM
0550	_ Box Culvert Joint Tie Assemblies, Ingersol Creek	4067051	1.000	LSUM
0555	Cold Milling HMA Surface	5010002	19,855.000	Syd
0560	HMA Surface, Rem	5010005	13,604.000	Syd
0565	Pavt Joint and Crack Repr, Det 7	5010020	5,000.000	Ft

0570	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0575	Hand Patching	5010025	1,503.000	Ton
0580	HMA, 3C	5010031	1,571.000	Ton
0585	HMA, 4EML	5012025	4,799.000	Ton
0590	HMA, 5EML	5012037	2,617.000	Ton
0595	HMA, Temp Pavt (5EL)	5012104	20.000	Ton
0600	_ HMA Approach, Commercial	5017031	308.000	Ton
0605	_ HMA Approach, Residential	5017031	275.000	Ton
0610	_ HMA Approach, Sidestreet	5017031	918.000	Ton
0615	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0620	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	72.000	Syd
0625	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	259.000	Syd
0630	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	666.000	Syd
0635	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	640.000	Syd
0640	Joint, Expansion, E2, Intersection	6020270	50.000	Ft
0645	Joint, Plane-of-Weakness, W, Intersection	6020310	1,100.000	Ft
0650	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	127.000	Syd
0655	Joint, Contraction, Crg	6030020	138.000	Ft
0660	Lane Tie, Epoxy Anchored	6030030	376.000	Ea
0665	Pavt Repr, Nonreinf Conc, 11 inch	6030050	38.000	Syd
0670	Conc, Low Temperature Protection	7060020	45.000	Cyd
0675	Reinforcement, Steel, Epoxy Coated	7060092	4,677.000	Lb
0680	Conc, Grade 3500	7062001	45.000	Cyd
0685	_ Precast End Treatments, Furn and Erect, Bishop Creek	7067051	1.000	LSUM
0690	_ Precast End Treatments, Furn and Erect, Ingersol Creek	7067051	1.000	LSUM
0695	_ Silane Treatment	7107010	1,263.000	Sft
0700	_ Culvert Waterproofing Membrane	7107011	503.000	Syd
0705	Driveway, Nonreinf Conc, 6 inch	8010005	334.000	Syd
0710	Curb, Conc, Det E1	8020001	238.000	Ft
0715	Curb and Gutter, Conc, Det B2	8020016	4,446.000	Ft
0720	Curb and Gutter, Conc, Det B3	8020017	385.000	Ft
0725	_ Curb and Gutter, Conc, Det F5, RCOC	8027001	76.000	Ft
0730	_ Curb and Gutter, Conc, Det F6, RCOC	8027001	114.000	Ft
0735	_ Driveway Opening, Conc, Det M, RCOC	8027001	589.000	Ft
0740	_ Spillway, Conc, RCOC	8027001	196.000	Ft
0745	Curb Ramp Opening, Conc	8030030	388.000	Ft
0750	Sidewalk, Conc, 4 inch	8030044	40,141.000	Sft
0755	Sidewalk, Conc, 6 inch	8030046	9,141.000	Sft
0760	Curb Ramp, Conc, 6 inch	8032002	5,503.000	Sft
0765	_ Detectable Warning Surface, RCOC	8037001	279.000	Ft
0770	Curb Vertical, HMA	8050020	131.000	Ft
0775	Post, Mailbox	8070095	44.000	Ea
0780	_ Fence, Chain Link, 48 inch, Vinyl Coated, Concrete Mounted	8087001	144.000	Ft

0785	_ Fence, Chain Link, 48 inch, Vinyl Coated, RCOC	8087001	145.000	Ft
0790	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
0795	Post, Steel, 3 lb	8100371	558.000	Ft
0800	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0805	Post, Wood, 6 inch by 8 inch	8100382	30.000	Ft
0810	Sign, Type II, Erect, Salv	8100396	5.000	Ea
0815	Sign, Type II, Rem	8100397	9.000	Ea
0820	Sign, Type IIA	8100398	42.000	Sft
0825	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0830	Sign, Type III, Rem	8100403	97.000	Ea
0835	Sign, Type IIIA	8100404	254.000	Sft
0840	Sign, Type IIIB	8100405	150.000	Sft
0845	Ground Mtd Sign Support, Rem	8102010	101.000	Ea
0850	_ Post, Flexible, Delineator, RCOC	8107050	26.000	Ea
0855	_ Salvage and Erect Street Sign, RCOC	8107050	12.000	Ea
0860	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	38.000	Ft
0865	Rem Spec Mrkg	8110343	325.000	Sft
0870	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0875	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, White	8112129	388.000	Ft
0880	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	6,425.000	Ft
0885	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, Yellow	8112132	12,638.000	Ft
0890	_ Pavt Mrkg, Cold Plastic, 18 inch, Stop Bar	8117001	463.000	Ft
0895	_ Pavt Mrkg, Cold Plastic, 6 inch, Crosswalk Line	8117001	1,249.000	Ft
0900	_ Pavt Mrkg, Cold Plastic, Lt Turn Arrow Symbol	8117050	3.000	Ea
0905	_ Pavt Mrkg, Cold Plastic, Rt Turn Arrow Symbol	8117050	2.000	Ea
0910	_ Street Sign Post	8117050	4.000	Ea
0915	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0920	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0925	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0930	Pedestrian Type II Channelizer, Temp	8120027	500.000	Ft
0935	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	650.000	Ea
0940	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	650.000	Ea
0945	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0950	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0955	Minor Traf Devices	8120170	1.000	LSUM
0960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	17,550.000	Ft
0965	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	10,109.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,661.000	Ft
0975	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,653.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch,	8120246	6,155.000	Ft

	Yellow, Temp			
0985	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0990	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0995	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	800.000	Ft
1000	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
1005	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
1010	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8120259	6.000	Ea
1015	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	46.000	Ft
1020	Sign Cover	8120310	20.000	Ea
1025	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1035	Sign, Type A, Temp, Prismatic, Furn	8120340	216.000	Sft
1040	Sign, Type A, Temp, Prismatic, Oper	8120341	216.000	Sft
1045	Sign, Type B, Temp, Prismatic, Furn	8120350	2,365.000	Sft
1050	Sign, Type B, Temp, Prismatic, Oper	8120351	2,365.000	Sft
1055	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,100.000	Sft
1060	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,100.000	Sft
1065	Traf Regulator Control	8120370	1.000	LSUM
1070	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt, Thru and Lt Turn Arrow	8122146	1.000	Ea
1075	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow Sym	8122147	1.000	Ea
1080	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow Sym	8122148	5.000	Ea
1085	Pedestrian Path, Temp	8122250	444.000	Ft
1090	Pedestrian Ramp, Temp	8122251	18.000	Ea
1095	_ Riprap, Plain, RCOC	8137011	248.000	Syd
1100	_ Turf Establishment, ES Seed, Regular Mulch, Performance, RCOC	8167011	1,235.000	Syd
1105	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	21,840.000	Syd
1110	Conduit, DB, 1, 1 1/4 inch	8182047	295.000	Ft
1115	Conduit, DB, 1, 3 inch	8182050	165.000	Ft
1120	Conduit, DB, 3, 3 inch	8182056	80.000	Ft
1125	Conduit, DB, 3, 4 inch	8182057	30.000	Ft
1130	Conduit, Schedule 40, 2 inch	8182133	500.000	Ft
1135	Cable, Sec, Rem	8182199	195.000	Ft
1140	Cable Pole, TS and Sec, Disman	8182209	2.000	Ea
1145	Cable Pole, TS, Disman	8182210	2.000	Ea
1150	Cable, Sec, 600V, 1, 3/C#6	8182238	125.000	Ft
1155	Hh, Rem	8182330	8.000	Ea
1160	Serv Disconnect	8182366	2.000	Ea
1165	Serv Disconnect, Rem	8182367	2.000	Ea

1170	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
1175	_ Hh, Round, 2 foot Dia, RCOC	8187050	11.000	Ea
1180	_ Hh, Round, 3 foot Dia, RCOC	8187050	2.000	Ea
1185	_ Ornamental Light Relocation	8197050	2.000	Ea
1190	Case Sign, Rem	8200020	6.000	Ea
1195	Controller and Cabinet, Rem	8200030	2.000	Ea
1200	Controller Fdn, Base Mtd	8200045	2.000	Ea
1205	Controller Fdn, Rem	8200046	2.000	Ea
1210	Digital Loop Detector	8200055	7.000	Ea
1215	Fdn, Rem	8200065	2.000	Ea
1220	Pedestal, Fdn	8200105	1.000	Ea
1225	Pedestal Fdn, Rem	8200106	2.000	Ea
1230	Pedestal, Rem	8200110	2.000	Ea
1235	Pushbutton and Sign	8200121	12.000	Ea
1240	Pushbutton, Rem	8200122	12.000	Ea
1245	Span Wire, Rem	8200141	2.000	Ea
1250	Steel Pole, Rem	8200145	2.000	Ea
1255	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1260	Traf Loop	8200170	26.000	Ea
1265	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
1270	TS, Pedestal Mtd, Rem	8200179	2.000	Ea
1275	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
1280	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1285	TS, Span Wire Mtd, Rem	8200182	9.000	Ea
1290	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
1295	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1300	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
1305	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
1310	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	7.000	Ea
1315	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1320	Bracket, Truss, With 12 Foot Arm	8200376	2.000	Ea
1325	Bracket, Truss, Rem	8200388	12.000	Ea
1330	TS Head, Temp	8200453	6.000	Ea
1335	TS Face, Bag	8200458	52.000	Ea
1340	TS Face, Bag, Rem	8200459	37.000	Ea
1345	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
1350	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1355	Strain Pole Fdn, 6 Bolt	8200470	113.000	Ft
1360	Casing	8200480	85.000	Ft
1365	_ Backplate, TS, RCOC	8207050	20.000	Ea
1370	_ Cabinet, ITS Type, Delivered, RCOC	8207050	2.000	Ea
1375	_ Cabinet, ITS Type, RCOC	8207050	2.000	Ea
1380	_ Camera, Traffic Monitoring, RCOC	8207050	2.000	Ea

1385	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	4.000	Ea
1390	_ Controller, Digital Type, Delivered, SCATS, RCOC	8207050	2.000	Ea
1395	_ Optical Priority Control System, Infrared, RCOC	8207050	2.000	Ea
1400	_ Optical Priority Control System, Infrared, Rem, RCOC	8207050	2.000	Ea
1405	_ Pedestal, Alum, RCOC	8207050	1.000	Ea
1410	_ Pushbutton Support Post, RCOC	8207050	12.000	Ea
1415	_ Pushbutton Support Post, Rem, RCOC	8207050	4.000	Ea
1420	_ Span Wire, Box, RCOC	8207050	2.000	Ea
1425	_ Street Name Sign, Non-Illuminated, Bracket Arm, RCOC	8207050	5.000	Ea
1430	_ Street Name Sign, Non-Illuminated, Two Way, 8 foot, RCOC	8207050	5.000	Ea
1435	_ Tether Wire, Box, Bottom, RCOC	8207050	2.000	Ea
1440	_ Video Traffic Detection Camera, Rem, RCOC	8207050	12.000	Ea
1445	_ Abandon Water Main, Flowable Fill	8237001	2,329.000	Ft
1450	_ AC Water Main, Rem	8237001	325.000	Ft
1455	_ Remove Water Main	8237001	295.000	Ft
1460	_ Water Main Conflict, 12 inch	8237001	50.000	Ft
1465	_ Water Main Conflict, 16 inch	8237001	200.000	Ft
1470	_ Water Main Conflict, 8 inch	8237001	100.000	Ft
1475	_ Water Main, DI, 12 inch, Tr Det G	8237001	76.000	Ft
1480	_ Water Main, DI, 16 inch, Tr Det G	8237001	303.000	Ft
1485	_ Water Main, DI, 8 inch, Tr Det G	8237001	710.000	Ft
1490	_ Water Main, HDPE DR-11, 16 inch, Directional Bore	8237001	651.000	Ft
1495	_ Connection to Existing Water Main	8237050	23.000	Ea
1500	_ Curb Stop and Box	8237050	9.000	Ea
1505	_ Fire Hydrant Adjustment	8237050	2.000	Ea
1510	_ Fire Hydrant, Assembly	8237050	5.000	Ea
1515	_ Gate Valve and Well, 16 inch	8237050	4.000	Ea
1520	_ Gate Valve and Well, 8 inch	8237050	7.000	Ea
1525	_ Gate Well and Valve, Rem	8237050	9.000	Ea
1530	_ Hydrant, Rem, Modified	8237050	7.000	Ea
1535	_ Tapping Sleeve Valve and Well, 16 inch x 12 inch	8237050	1.000	Ea
1540	_ Tapping Sleeve Valve and Well, 16 inch x 8 inch	8237050	1.000	Ea
1545	_ Valve Box, Adj, Case 2	8237050	4.000	Ea
1550	_ Water Main, Cut and Cap	8237050	22.000	Ea
1555	_ Water Serv, 1 inch, Long	8237050	6.000	Ea
1560	_ Water Serv, 1 inch, Short	8237050	3.000	Ea
1565	_ Water Shutoff, Adj, Case 1, RCOC	8237050	10.000	Ea
1570	_ Water Shutoff, Adj, Case 2, RCOC	8237050	14.000	Ea
1575	_ Sprinkler Line	8507001	5,000.000	Ft
1580	_ Tree Trimming	8507001	62.000	Ft
1585	_ Irrigation Control Box, Relocate	8507050	20.000	Ea
1590	_ Irrigation Control Box, Replace	8507050	20.000	Ea

1595	_ Sprinkler Head, Relocate	8507050	150.000	Ea
1600	_ Sprinkler Head, Replace	8507050	150.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 050**Letting Date:** July 1, 2022**Contract ID:** 41000-214323

Description: 2.61 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders and pavement markings on Northland Drive NE from the north city limits of Cedar Springs north to Ritchie Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214323A	22A0580	N/A	STPR 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$143,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,188.000	Ft
0015	Pavt, Rem	2040050	39.000	Syd
0020	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0025	_ Project Cleanup, Modified	2097051	1.000	LSUM
0030	Subbase, CIP	3010002	325.000	Cyd
0035	_ Aggregate Base 21AA Slag	3027031	1,460.000	Ton
0040	_ Aggregate Base, Modified	3027031	6,800.000	Ton
0045	Material, Surplus and Unsuitable, Rem, LM	3050010	2,000.000	Cyd
0050	Salv Crushed Material, LM	3050015	2,000.000	Cyd
0055	_ HMA Base Crushing and Shaping, Modified	3057011	48,711.000	Syd
0060	Approach, CI III, CIP	3070042	439.000	Cyd
0065	_ Aggregate Surface Grading	3077002	19.000	Sta
0070	_ Shld, CI III, CIP, Spec	3077002	140.000	Sta
0075	_ Trenching, Modified	3077002	6.000	Sta
0080	Geotextile, Separator	3080005	4,000.000	Syd
0085	Geotextile, Stabilization	3080010	4,000.000	Syd
0090	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,000.000	Ft
0095	Cold Milling HMA Surface	5010002	8,300.000	Syd
0100	HMA Surface, Rem	5010005	2,858.000	Syd
0105	HMA, 2C	5010030	125.000	Ton
0110	HMA, 3C	5010031	6,500.000	Ton
0115	HMA Approach	5010061	125.000	Ton
0120	HMA, 5EML	5012037	4,900.000	Ton
0125	_ HMA Spillway	5047001	50.000	Ft
0130	Driveway, Nonreinf Conc, 6 inch	8010005	39.000	Syd
0135	Curb and Gutter, Conc, Det B2	8020016	1,564.000	Ft

0140	_ Driveway, Opening, Conc, Det M, Modified	8027001	344.000	Ft
0145	Curb Ramp, Conc, 4 inch	8032001	450.000	Sft
0150	Curb Ramp, Conc, 6 inch	8032002	439.000	Sft
0155	_ Detectable Warning Surface, Cast Iron, Spec	8037001	100.000	Ft
0160	Post, Mailbox	8070095	30.000	Ea
0165	Pavt Mrkg, Waterborne, 4 inch, White	8110231	27,550.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	27,550.000	Ft
0175	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	105.000	Ft
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0215	Sign, Type B, Temp, Prismatic, Furn	8120350	408.000	Sft
0220	Sign, Type B, Temp, Prismatic, Oper	8120351	408.000	Sft
0225	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	25.000	Sft
0230	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	25.000	Sft
0235	Traf Regulator Control	8120370	1.000	LSUM
0240	Riprap, Plain	8130010	50.000	Syd
0245	_ Roadside Seeding	8167002	35.000	Sta
0250	Monument Box	8210001	2.000	Ea
0255	Protect Corners	8210020	2.000	Ea
0260	_ Well Brine, 26%	8507022	36,533.000	Gal



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 051**Letting Date:** July 1, 2022**Contract ID:** 47000-210622-2

Description: 1.28 mi of hot mix asphalt cold milling and resurfacing, curb repairs, concrete sidewalk and ramps, and pavement markings on Grand River Avenue from Appian Way to North Street and from St. Paul Street to Ore Creek in the city of Brighton, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210622A	22A0444	N/A	STUL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$157,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,402.000	Ft
0015	Pavt, Rem	2040050	511.000	Syd
0020	Sidewalk, Rem	2040055	888.000	Syd
0025	Embankment, CIP	2050010	293.000	Cyd
0030	Excavation, Earth	2050016	541.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	62.000	Ea
0040	Erosion Control, Inlet Protection, Sediment Trap	2080024	28.000	Ea
0045	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0050	Project Cleanup	2090001	1.000	LSUM
0055	Aggregate Base	3020001	660.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0065	Dr Structure, Temp Lowering	4030390	53.000	Ea
0070	Pavt, Cleaning	5010001	1.000	LSUM
0075	Cold Milling HMA Surface	5010002	38,678.000	Syd
0080	HMA Surface, Rem	5010005	597.000	Syd
0085	Pavt Joint and Crack Repr, Det 7	5010020	1,000.000	Ft
0090	Hand Patching	5010025	100.000	Ton
0095	HMA Approach, High Stress	5010520	356.000	Ton
0100	HMA, 4EMH, High Stress	5012074	4,516.000	Ton
0105	HMA, 5EMH, High Stress	5012086	4,516.000	Ton
0110	Conc Base Cse, Nonreinf, 7 inch	6020017	138.000	Syd
0115	Lane Tie, Epoxy Anchored	6030030	319.000	Ea
0120	Driveway, Nonreinf Conc, 8 inch	8010007	465.000	Syd
0125	Curb and Gutter, Conc, Det F3	8020037	2,191.000	Ft
0130	Driveway Opening, Conc, Det M	8020050	718.000	Ft
0135	Detectable Warning Surface	8030010	166.000	Ft

0140	Curb Ramp Opening, Conc	8030030	168.000	Ft
0145	Sidewalk, Conc, 4 inch	8030044	2,923.000	Sft
0150	Sidewalk, Conc, 6 inch	8030046	2,454.000	Sft
0155	Curb Ramp, Conc, 6 inch	8032002	1,179.000	Sft
0160	Post, Steel, 3 lb	8100371	861.000	Ft
0165	Post, Wood, 4 inch by 6 inch	8100380	78.000	Ft
0170	Sign, Type II, Rem	8100397	1.000	Ea
0175	Sign, Type IIA	8100398	12.000	Sft
0180	Sign, Type III, Erect, Salv	8100402	35.000	Ea
0185	Sign, Type III, Rem	8100403	87.000	Ea
0190	Sign, Type IIIA	8100404	99.000	Sft
0195	Sign, Type IIIB	8100405	199.000	Sft
0200	Sign, Type V, Rem	8100421	2.000	Ea
0205	Sign, Type VA	8100424	12.000	Sft
0210	Sign, Type VB	8100425	38.000	Sft
0215	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0220	Ground Mtd Sign Support, Rem	8102010	62.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	566.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	945.000	Ft
0235	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	312.000	Ft
0240	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	18.000	Ea
0245	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,545.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,890.000	Ft
0255	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,545.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	13,890.000	Ft
0265	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0280	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0285	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0290	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0295	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0300	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0305	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0310	Ltg for Night Work	8120160	1.000	LSUM
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	13,000.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	25,000.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,000.000	Ft
0340	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea
0345	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea

0350	Sign Cover	8120310	10.000	Ea
0355	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0360	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0375	Traf Regulator Control	8120370	1.000	LSUM
0380	Slope Restoration, Non-Freeway, Type A	8162001	1,244.000	Syd
0385	Conduit, DB, 1, 1 1/2 inch	8182048	90.000	Ft
0390	Pedestal, Fdn	8200105	7.000	Ea
0395	Pedestal, Pushbutton, Alum	8200118	7.000	Ea
0400	Pushbutton and Sign	8200121	7.000	Ea
0405	Pushbutton, Rem	8200122	7.000	Ea
0410	Traf Loop	8200170	8.000	Ea
0415	TS Face, Bag	8200458	38.000	Ea
0420	TS Face, Bag, Rem	8200459	38.000	Ea
0425	Monument Box Adj	8210005	1.000	Ea
0430	Monument Preservation	8210010	1.000	Ea
0435	Protect Corners	8210020	2.000	Ea
0440	_ Gate Box, Concrete Collar	8237050	5.000	Ea
0445	_ Manhole, Concrete Collar	8257050	59.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 052**Letting Date:** July 1, 2022**Contract ID:** 63000-209482

Description: 1.30 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter repair, ramps, signing and pavement markings on 14 Mile Road from Barrington Street to Dequindre Road in the cities of Madison Heights and Troy, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209482A	22A0585	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	850.000	Dlr
0010	Mobilization, Max \$424,500.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	1,000.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	63.000	Cyd
0025	Pavt, Rem	2040050	3,868.000	Syd
0030	Sidewalk, Rem	2040055	982.000	Syd
0035	Utility Pole, Rem	2040070	3.000	Ea
0040	_ Exploratory Investigation, Utility, Vertical, RCOC	2047001	400.000	Ft
0045	_ Gas Utility, Rem	2047001	100.000	Ft
0050	Embankment, CIP	2050010	217.000	Cyd
0055	Excavation, Earth	2050016	489.000	Cyd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	45.000	Cyd
0065	_ Excavation, Earth, RCOC	2057011	4,609.000	Syd
0070	_ Subgrade Undercutting, 21AA	2057021	300.000	Cyd
0075	_ Erosion Control, Inlet Protection, Fabric Drop, RCOC	2087050	56.000	Ea
0080	Aggregate Base, Conditioning	3020050	61.000	Syd
0085	_ Aggregate Base, 4 inch, 21AA, RCOC	3027011	1,166.000	Syd
0090	_ Aggregate Base, 8 inch, 21AA, RCOC	3027011	4,371.000	Syd
0095	Maintenance Gravel	3060020	500.000	Ton
0100	Geotextile, Stabilization, Non-Woven	3082001	1,300.000	Syd
0105	Road Grade Biaxial Geogrid	3082002	400.000	Syd
0110	Dr Structure Cover, Adj, Case 1	4030005	68.000	Ea
0115	Dr Structure Cover, Type B	4030010	6.000	Ea
0120	Dr Structure Cover, Type J	4030045	3.000	Ea
0125	Dr Structure Cover, Type K	4030050	10.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	204.000	Ft
0135	Dr Structure, Temp Lowering	4030390	16.000	Ea

0140	_ Public Utility Structure, Adj, Add Depth	4037001	102.000	Ft
0145	_ Public Utility Structure Cover	4037050	24.000	Ea
0150	_ Public Utility Structure Cover, Adj, Case 1	4037050	31.000	Ea
0155	_ Public Utility Structure Cover, Adj, Case 2	4037050	2.000	Ea
0160	_ Public Utility Structure, Temp Lowering	4037050	27.000	Ea
0165	HMA Surface, Rem	5010005	969.000	Syd
0170	HMA Patch, Rem	5010006	50.000	Syd
0175	Pavt Joint and Crack Repr, Det 7	5010020	11,600.000	Ft
0180	Pavt Joint and Crack Repr, Det 8	5010021	5,800.000	Ft
0185	Hand Patching	5010025	1,160.000	Ton
0190	HMA Approach	5010061	396.000	Ton
0195	HMA, 5EMH	5012038	9,229.000	Ton
0200	_ Cold Milling Pavt	5017011	57,103.000	Syd
0205	_ HMA Approach (Sidestreet)	5017031	575.000	Ton
0210	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0215	Conc Base Cse, Nonreinf, 8 inch	6020019	330.000	Syd
0220	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	151.000	Syd
0225	_ Conc Pavt with Integral Curb, Misc, Nonreinf, 8 inch	6027011	403.000	Syd
0230	Joint, Contraction, Crg	6030020	244.000	Ft
0235	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0240	Curb, Conc, Det E2	8020002	552.000	Ft
0245	Curb and Gutter, Conc, Det B2	8020016	433.000	Ft
0250	Curb and Gutter, Conc, Det C2	8020021	758.000	Ft
0255	Curb and Gutter, Conc, Det C4	8020023	425.000	Ft
0260	Curb and Gutter, Conc, Det C6	8020025	2,164.000	Ft
0265	_ Curb and Gutter, Conc, Det C4, RCOC	8027001	31.000	Ft
0270	_ Driveway Opening, Conc, Det M, RCOC	8027001	1,917.000	Ft
0275	Curb Ramp Opening, Conc	8030030	433.000	Ft
0280	Sidewalk, Conc, 4 inch	8030044	2,394.000	Sft
0285	Sidewalk, Conc, 6 inch	8030046	446.000	Sft
0290	Sidewalk, Conc, 8 inch	8030048	58.000	Sft
0295	Sidewalk, Clay Brick Pavers, Rem	8030051	1,728.000	Sft
0300	Curb Ramp, Conc, 6 inch	8032002	5,881.000	Sft
0305	_ Detectable Warning Surface, RCOC	8037001	332.000	Ft
0310	_ Brick, Salv and Replace	8037010	360.000	Sft
0315	Post, Steel, 3 lb	8100371	1,643.000	Ft
0320	Sign, Type II, Rem	8100397	13.000	Ea
0325	Sign, Type IIA	8100398	95.000	Sft
0330	Sign, Type III, Erect, Salv	8100402	36.000	Ea
0335	Sign, Type III, Rem	8100403	191.000	Ea
0340	Sign, Type IIIA	8100404	109.000	Sft
0345	Sign, Type IIIB	8100405	356.000	Sft
0350	_ Post Hole Through Conc for Steel Post, 10 inch dia	8107050	5.000	Ea
0355	_ Street Sign Post	8107050	8.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,965.000	Ft

0365	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	35.000	Ft
0370	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	970.000	Ft
0375	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	29.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0385	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	12,715.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	12,710.000	Ft
0395	Rem Spec Mrkg	8110343	570.000	Sft
0400	Recessing Pavt Mrkg, Guide Line	8110453	100.000	Ft
0405	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	100.000	Ft
0410	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	89.000	Ea
0415	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	89.000	Ea
0420	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
0425	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0430	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0435	Dust Palliative, Applied	8120100	10.000	Ton
0440	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0445	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0450	Ltg for Night Work	8120160	1.000	LSUM
0455	Minor Traf Devices	8120170	1.000	LSUM
0460	Pavt Mrkg Cover, Type R, Black	8120200	250.000	Ft
0465	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	595.000	Ft
0470	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	351.000	Ft
0475	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	3.000	Ea
0480	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,530.000	Ft
0485	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,385.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	875.000	Ft
0495	Plastic Drum, Fluorescent, Furn	8120252	745.000	Ea
0500	Plastic Drum, Fluorescent, Oper	8120253	745.000	Ea
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	1.000	Ea
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0515	Sign Cover	8120310	14.000	Ea
0520	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0525	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	3,473.000	Sft
0535	Sign, Type B, Temp, Prismatic, Oper	8120351	3,473.000	Sft
0540	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	342.000	Sft
0545	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	342.000	Sft
0550	Traf Regulator Control	8120370	1.000	LSUM
0555	Pedestrian Path, Temp	8122250	200.000	Ft
0560	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	1.000	Ea

0565	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	1,184.000	Syd
0570	Conduit, DB, 1, 1 1/4 inch	8182047	345.000	Ft
0575	Conduit, DB, 1, 3 inch	8182050	220.000	Ft
0580	Conduit, DB, 2, 3 inch	8182053	25.000	Ft
0585	Conduit, DB, 3, 3 inch	8182056	205.000	Ft
0590	Conduit, DB, 3, 4 inch	8182057	15.000	Ft
0595	Cable, Sec, Rem	8182199	1,585.000	Ft
0600	Cable Pole, Sec, Disman	8182206	1.000	Ea
0605	Cable Pole, TS, Disman	8182210	5.000	Ea
0610	Cable, Sec, 600V, 1, 3/C#6	8182238	1,170.000	Ft
0615	Hh, Rem	8182330	21.000	Ea
0620	Wood Pole, Rem	8182363	2.000	Ea
0625	Serv Disconnect	8182366	8.000	Ea
0630	Serv Disconnect, Rem	8182367	8.000	Ea
0635	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
0640	Wood Pole, Fit Up, TS Cable Pole	8182387	4.000	Ea
0645	_ Conduit, Directional Bore, 1, 4 inch, RCOC	8187001	850.000	Ft
0650	_ Conduit, Directional Bore, 2, 4 inch, RCOC	8187001	515.000	Ft
0655	_ Hh, Round, 2 foot Dia, RCOC	8187050	26.000	Ea
0660	_ Hh, Round, 3 foot Dia, RCOC	8187050	1.000	Ea
0665	Case Sign, Rem	8200020	11.000	Ea
0670	Controller and Cabinet, Rem	8200030	7.000	Ea
0675	Controller Fdn, Base Mtd	8200045	1.000	Ea
0680	Controller Fdn, Rem	8200046	1.000	Ea
0685	Fdn, Rem	8200065	12.000	Ea
0690	Pedestal, Fdn	8200105	8.000	Ea
0695	Pedestal Fdn, Rem	8200106	6.000	Ea
0700	Pedestal, Rem	8200110	6.000	Ea
0705	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
0710	Pushbutton and Sign	8200121	2.000	Ea
0715	Pushbutton, Rem	8200122	16.000	Ea
0720	Span Wire, Rem	8200141	10.000	Ea
0725	Steel Pole, Rem	8200145	12.000	Ea
0730	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0735	TS, Pedestal Mtd, Rem	8200179	3.000	Ea
0740	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	15.000	Ea
0745	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0750	TS, Span Wire Mtd, Rem	8200182	24.000	Ea
0755	Cabinet, Rem	8200184	1.000	Ea
0760	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0765	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
0770	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	6.000	Ea
0775	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea

0780	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0785	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0790	TS, One Way Mast Arm Mtd (LED)	8200359	57.000	Ea
0795	Bracket, Truss, With 12 Foot Arm	8200376	5.000	Ea
0800	Bracket, Truss, Rem	8200388	12.000	Ea
0805	Wireless Vehicle Sensor Node	8200425	15.000	Ea
0810	Wireless Vehicle Sensor Node, Rem	8200426	13.000	Ea
0815	TS Face, Bag	8200458	30.000	Ea
0820	TS Face, Bag, Rem	8200459	30.000	Ea
0825	Casing	8200480	188.000	Ft
0830	Multi-Sensor Vehicle Detection System	8200532	7.000	Ea
0835	Multi-Sensor Vehicle Detection Sensor	8200535	13.000	Ea
0840	Mast Arm Pole, Cat III	8202012	16.000	Ea
0845	Mast Arm, 40 foot, Cat III	8202031	6.000	Ea
0850	Mast Arm, 45 foot, Cat III	8202032	10.000	Ea
0855	Mast Arm, 50 foot, Cat III	8202033	9.000	Ea
0860	_ Mast Arm Pole Fdn, 6 Bolt, RCOC	8207001	243.000	Ft
0865	_ Backplate, TS, RCOC	8207050	57.000	Ea
0870	_ Cabinet, ITS Type, Delivered, RCOC	8207050	7.000	Ea
0875	_ Cabinet, ITS Type, RCOC	8207050	7.000	Ea
0880	_ Camera, Traffic Monitoring, RCOC	8207050	5.000	Ea
0885	_ Camera, Traffic Monitoring, RCOC, Rem	8207050	2.000	Ea
0890	_ Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated, RCOC	8207050	19.000	Ea
0895	_ Cellular Modem, 4/5G, RCOC	8207050	7.000	Ea
0900	_ Controller, Digital Type, Delivered, Modified, RCOC	8207050	7.000	Ea
0905	_ Optical and GPS Priority Control System, RCOC	8207050	2.000	Ea
0910	_ Optical and GPS Priority Control System, Salv, RCOC	8207050	5.000	Ea
0915	_ Optical Priority Control System, Rem, RCOC	8207050	5.000	Ea
0920	_ Pedestal, Alum, RCOC	8207050	8.000	Ea
0925	_ Pushbutton Support Post, RCOC	8207050	2.000	Ea
0930	_ Pushbutton Support Post, Rem, RCOC	8207050	6.000	Ea
0935	_ Roadside Unit, Intersection, RCOC	8207050	7.000	Ea
0940	_ Street Name Sign, Non-Illuminated, Bracket Arm, RCOC	8207050	3.000	Ea
0945	_ Street Name Sign, Non-Illuminated, One Way, 8 foot, RCOC	8207050	7.000	Ea
0950	_ Street Name Sign, Non-Illuminated, Two Way, 8 foot, RCOC	8207050	4.000	Ea
0955	_ Video Traffic Detection Camera, Modified, RCOC	8207050	8.000	Ea
0960	_ Video Traffic Detection Camera, Rem, RCOC	8207050	13.000	Ea
0965	Monument Box Adj	8210005	3.000	Ea
0970	_ Water Main, DI, 12 inch, Tr Det G	8237001	118.000	Ft
0975	_ Gate Valve, 12 inch	8237050	2.000	Ea

0980	_ Gate Well, 60 inch dia	8237050	2.000	Ea
0985	_ Gate Well, Abandon	8237050	1.000	Ea
0990	_ Valve Box, Adj, Case 1	8237050	20.000	Ea
0995	_ Valve Box, Adj, Case 2	8237050	5.000	Ea
1000	_ Water Main Connection, 12 inch	8237050	1.000	Ea
1005	_ Water Main Connection, 16 inch	8237050	1.000	Ea
1010	_ Water Main Connection, 8 inch	8237050	1.000	Ea
1015	_ Water Main, Abandon	8237051	1.000	LSUM
1020	_ Grounding, Bonding, and Surge Protection, RCOC	8267051	1.000	LSUM
1025	_ System Integration and Testing, RCOC	8267051	1.000	LSUM
1030	_ Sprinkler Line	8507001	1,500.000	Ft
1035	_ Sprinkler Head, Relocate	8507050	50.000	Ea
1040	_ Sprinkler Head, Replace	8507050	70.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 053**Letting Date:** July 1, 2022**Contract ID:** 70000-207038

Description: 2.63 mi of hot mix asphalt cold milling, widening and resurfacing, aggregate shoulders and pavement markings on Leonard Street from 68th Avenue east to 48th Avenue, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207038A	22A0620	N/A	STL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$95,200.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	334.000	Syd
0015	Approach, CI I, 6 inch	3070008	334.000	Syd
0020	_ Trenched Material Disposal	3077002	278.000	Sta
0025	_ Trenching, Modified	3077002	278.000	Sta
0030	_ Shld, Class II, Spec	3077011	5,724.000	Syd
0035	_ Approach, Class II, Driveway	3077050	42.000	Ea
0040	Dr Structure, Temp Lowering	4030390	1.000	Ea
0045	_ Dr Structure Cover, Adj, Case I, Modified	4037050	1.000	Ea
0050	Cold Milling HMA Surface	5010002	35,400.000	Syd
0055	Pavt for Butt Joints, Rem	5010008	1,677.000	Syd
0060	HMA Approach	5010061	302.000	Ton
0065	HMA, 2EL	5012000	2,990.000	Ton
0070	HMA, 4EL	5012024	4,860.000	Ton
0075	HMA, 5EL	5012036	3,640.000	Ton
0080	_ Bridge Deck HMA Surface Removal	5017011	394.000	Syd
0085	Membrane, Preformed Waterproofing	7100008	3,540.000	Sft
0090	_ Mailbox Post, Modified	8077050	80.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	28,000.000	Ft
0105	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,000.000	Ft
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	14,000.000	Ft

0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,120.000	Ft
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	328.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	328.000	Sft
0155	Traf Regulator Control	8120370	1.000	LSUM
0160	_ Slope Restoration	8167011	500.000	Syd
0165	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 054**Letting Date:** July 1, 2022**Contract ID:** 41000-206961

Description: 0.94 mi of hot mix asphalt widening and surfacing, concrete curb, gutter and ramps, retaining wall, guardrail and pavement markings on Cascade Road from 36th Street southeasterly to Whitneyville Avenue, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206961A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$160,200.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	16.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	26.000	Ea
0020	Curb and Gutter, Rem	2040020	700.000	Ft
0025	Guardrail, Rem	2040035	463.000	Ft
0030	Pavt, Rem	2040050	10,400.000	Syd
0035	Exploratory Investigation, Vertical	2040080	50.000	Ft
0040	Embankment, CIP	2050010	3,330.000	Cyd
0045	Excavation, Earth	2050016	5,310.000	Cyd
0050	_ Embankment, CL II, CIP	2057021	1,050.000	Cyd
0055	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	_ Project Cleanup, Modified	2097051	1.000	LSUM
0065	Aggregate Base, 6 inch	3020016	1,000.000	Syd
0070	_ Aggregate Base, Modified	3027021	5,560.000	Cyd
0075	Approach, CI III, CIP	3070042	1,100.000	Cyd
0080	_ Sewer, CL A, Perforated SLCPP W/Sock, 12 inch, Tr Det B, Modified	4027001	4,575.000	Ft
0085	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0090	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0095	Dr Structure Cover, Type J	4030045	21.000	Ea
0100	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0105	_ Dr Structure, 48 inch dia, leaching with 4 ft sump	4037050	21.000	Ea
0110	_ Underdrain, Subbase, 6 inch, Modified	4047001	1,000.000	Ft
0115	Cold Milling HMA Surface	5010002	850.000	Syd
0120	HMA Surface, Rem	5010005	28,400.000	Syd
0125	HMA, 3C	5010031	3,724.000	Ton
0130	HMA, 36A	5010034	200.000	Ton
0135	HMA Approach	5010061	300.000	Ton

0140	HMA, 5EML	5012037	2,500.000	Ton
0145	_ HMA Spillway	5017001	42.000	Ft
0150	_ Modular Block Retaining Wall (Small Block)	7067010	170.000	Sft
0155	_ Driveway Opening, Conc, Det M, Modified	8007001	160.000	Ft
0160	Driveway, Nonreinf Conc, 6 inch	8010005	91.000	Syd
0165	Curb and Gutter, Conc, Det B2	8020016	8,600.000	Ft
0170	Detectable Warning Surface	8030010	12.000	Ft
0175	Curb Ramp Opening, Conc	8030030	12.000	Ft
0180	Curb Ramp, Conc, 6 inch	8032002	75.000	Sft
0185	Guardrail, Type B	8070000	500.000	Ft
0190	Guardrail, Curved, Type B	8070010	100.000	Ft
0195	Guardrail Approach Terminal, Type 3T	8070039	4.000	Ea
0200	Guardrail Reflector	8070080	10.000	Ea
0205	Post, Mailbox	8070095	30.000	Ea
0210	_ Guardrail Buffered End Shoe	8077050	4.000	Ea
0215	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,450.000	Ft
0220	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,600.000	Ft
0225	_ Pavt Mrkg, Waterborne, 24 Inch, Crosswalk	8117001	315.000	Ft
0230	_ Pavt Mrkg, Waterborne, 24 Inch, Stop Bar	8117001	22.000	Ft
0235	_ Pavt Mrkg, Waterborne, 6 Inch, Crosswalk	8117001	250.000	Ft
0240	_ Pavt Mrkg, Waterborne, Rt Turn Arrow	8117050	4.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	220.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	220.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	30,000.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	20,000.000	Ft
0285	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0295	Sign, Type B, Temp, Prismatic, Furn	8120350	802.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	802.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0315	Traf Regulator Control	8120370	1.000	LSUM
0320	Riprap, Plain	8130010	15.000	Syd
0325	Mulch Blanket	8160027	7,500.000	Syd
0330	Topsoil Surface, Salv, 4 inch	8160077	5,000.000	Syd
0335	_ Roadside Seeding	8167011	5,000.000	Syd
0340	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0345	Water Shutoff, Adj, Case 2	8230422	10.000	Ea
0350	Gate Box, Adj, Case 1	8230431	2.000	Ea

0355	Gate Box, Adj, Case 2	8230432	2.000	Ea
------	-----------------------	---------	-------	----



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 055**Letting Date:** July 1, 2022**Contract ID:** 41000-205515

Description: 1.75 mi of hot mix asphalt cold milling and resurfacing, signing, landscaping and pavement markings on 29th Street from Breton Road easterly to the east city limit of Grand Rapids, Butterworth Street from O'Brien Road easterly to Marion Avenue and Division Avenue from Quigley Street northerly to Cottage Grove Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205515A	22A0579	N/A	STU 41000
205516A	22A0574	N/A	STU 41000
205526A	22A0576	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$198,500.00	1100001	1.000	LSUM
0010	Sewer, Rem, Less than 24 inch	2030015	8.000	Ft
0015	_ Manhole, Valve Chamber, or Catch Basin, Rem	2037050	1.000	Ea
0020	Curb and Gutter, Rem	2040020	3,135.000	Ft
0025	Sidewalk, Rem	2040055	2,036.000	Syd
0030	_ Pave, Rem, Modified	2047011	2,880.000	Syd
0035	_ Roadway Grading	2057002	93.000	Sta
0040	_ Stormwater Operator's Inspection	2087050	25.000	Ea
0045	_ Dust Control	2087051	1.000	LSUM
0050	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0055	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0060	Project Cleanup	2090001	1.000	LSUM
0065	Subbase, CIP	3010002	740.000	Cyd
0070	Aggregate Base, 6 inch	3020016	885.000	Syd
0075	Aggregate Base, 8 inch	3020020	1,405.000	Syd
0080	_ Storm Manhole or Catch Basin, Rebuild	4037001	5.000	Ft
0085	_ Catch Basin Casting, Adjust	4037050	24.000	Ea
0090	_ Catch Basin Casting, Furnish	4037050	23.000	Ea
0095	_ Drop Inlet, per Detail S-6	4037050	1.000	Ea
0100	_ Storm Manhole Casting, Adjust	4037050	74.000	Ea
0105	_ Storm Manhole Casting, Furnish	4037050	75.000	Ea
0110	_ Storm Manhole Casting, Oversized, Adjust	4037050	9.000	Ea
0115	_ Storm Manhole Casting, Oversized, Furnish	4037050	9.000	Ea
0120	_ Storm Manhole or Catch Basin, Rebuild with Flattop, per Detail S-10	4037050	1.000	Ea

0125	Underdrain, Subbase, 6 inch	4040063	825.000	Ft
0130	Cold Milling HMA Surface	5010002	40,145.000	Syd
0135	Hand Patching	5010025	216.000	Ton
0140	HMA, 3EMH	5012014	160.000	Ton
0145	HMA, 5EML	5012037	2,860.000	Ton
0150	HMA, 4EMH, High Stress	5012074	160.000	Ton
0155	HMA, 5EMH, High Stress	5012086	1,920.000	Ton
0160	_ Conc Repr, Non-Cementitious, Partial Depth	6037010	100.000	Sft
0165	Driveway, Nonreinf Conc, 6 inch	8010005	603.000	Syd
0170	Driveway Opening, Conc, Det M	8020050	705.000	Ft
0175	_ Curb and Gutter, 18 x 6 inch pan, per Detail P-5	8027001	685.000	Ft
0180	_ Curb and Gutter, 18 x 7 inch pan, per Detail P-5	8027001	825.000	Ft
0185	_ Curb and Gutter, 24 x 7 inch pan, per Detail P-5	8027001	635.000	Ft
0190	Curb Ramp Opening, Conc	8030030	585.000	Ft
0195	Sidewalk, Conc, 4 inch	8030044	11,110.000	Sft
0200	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0205	Curb Ramp, Conc, 4 inch	8032001	750.000	Sft
0210	Curb Ramp, Conc, 6 inch	8032002	3,815.000	Sft
0215	_ Detectable Warning Surface, Modified	8037001	475.000	Ft
0220	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0225	Sign, Type III, Rem	8100403	57.000	Ea
0230	_ Sign Post	8107050	63.000	Ea
0235	_ Sign	8107052	462.000	Sft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	225.000	Ft
0245	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	2,585.000	Ft
0250	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,720.000	Ft
0255	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	204.000	Ft
0260	Rem Spec Mrkg	8110343	380.000	Sft
0265	Recessing Pavt Mrkg, Transv	8110451	1,990.000	Sft
0270	Pavt Mrkg, Preformed Thermopl, Bike Thru Arrow Sym	8112015	19.000	Ea
0275	Pavt Mrkg, Preformed Thermopl, Bike Lt Turn Arrow Sym	8112016	1.000	Ea
0280	Pavt Mrkg, Preformed Thermopl, Bike, Small Sym	8112018	20.000	Ea
0285	Pavt Mrkg, Preformed Thermopl, Merge Arrow Sym	8112019	1.000	Ea
0290	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	2.000	Ea
0295	Pavt Mrkg, Preformed Thermo, Thru and Rt Turn Arrow Sym	8112026	2.000	Ea
0300	Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8112028	1.000	Ea
0305	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	1,360.000	Ft
0310	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	17,966.000	Ft
0315	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	18,446.000	Ft
0320	_ Pavt Mrkg, Bike Lane, Green	8117010	335.000	Sft
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea

0335	Pedestrian Type II Barricade, Temp	8120026	46.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0345	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Plastic Drum, Fluorescent, Furn	8120252	235.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	235.000	Ea
0365	Sign, Portable, Changeable Message, Furn	8120330	6.000	Ea
0370	Sign, Portable, Changeable Message, Oper	8120331	6.000	Ea
0375	Sign, Type B, Temp, Prismatic, Furn	8120350	756.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	756.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0395	Traf Regulator Control	8120370	1.000	LSUM
0400	Pedestrian Path, Temp	8122250	24.000	Ft
0405	Pedestrian Ramp, Temp	8122251	27.000	Ea
0410	_ Sign, Temp Business, Oper	8127050	35.000	Ea
0415	_ Block Wall, Landscape, Nonreinf	8157010	40.000	Sft
0420	_ Protect Tree, per Detail M-2	8157050	6.000	Ea
0425	_ Prunus virginiana ' Canada Red', 2 inch	8157050	32.000	Ea
0430	_ Syringa reticulata 'Ivory Silk', 1 1/2 inch	8157050	87.000	Ea
0435	_ Tree Irrigation Bag	8157050	121.000	Ea
0440	_ Ulmus Hybrid Frontier, 2 inch	8157050	34.000	Ea
0445	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0450	_ Turf Establishment	8167011	2,185.000	Syd
0455	_ Turf Watering	8167050	30.000	Ea
0460	_ Weed Control, Modified	8167050	6.000	Ea
0465	_ Valve Box, Adjust	8237050	67.000	Ea
0470	_ Valve Box, Furnish	8237050	45.000	Ea
0475	_ Sanitary Manhole Casting, Adjust	8257050	60.000	Ea
0480	_ Sanitary Manhole Casting, Furnish	8257050	60.000	Ea
0485	_ Preconstruction Documentation	8507051	1.000	LSUM
0490	_ Additional Insurance	8507060	3,000.000	Dlr
0495	_ Underground Sprinkling Systems, Restore	8507060	3,000.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 220701 056

Letting Date: July 1, 2022

Contract ID: 41000-205661

Description: 0.37 mi of hot mix asphalt reconstruction, storm sewer, concrete curb, gutter and sidewalk, water main and pavement markings on Ottawa Avenue from Newberry Street northerly to Mason Street; Walbridge Street northerly to Coldbrook Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205661A	22A0603	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$185,600.00	1100001	1.000	LSUM
0010	Dr Structure, Abandon	2030010	14.000	Ea
0015	_ Bulkhead, Rem 6 inch to 23 inch	2037050	3.000	Ea
0020	_ Butterfly Valve Install, 24 inch	2037050	1.000	Ea
0025	_ Flanged Coupling Adapter, CI D, 24 inch	2037050	1.000	Ea
0030	_ Manhole, Valve Chamber, or Catch Basin, Rem	2037050	11.000	Ea
0035	_ Valve Chamber, Rem, Partial	2037050	1.000	Ea
0040	Curb and Gutter, Rem	2040020	2,242.000	Ft
0045	Sidewalk, Rem	2040055	2,224.000	Syd
0050	_ Abandon and Fill Underground Utilities, 12 inch Dia	2047001	656.000	Ft
0055	_ Abandon and Fill Underground Utilities, 15 inch Dia	2047001	375.000	Ft
0060	_ Abandon and Fill Underground Utilities, 24 inch Dia	2047001	535.000	Ft
0065	_ Abandon and Fill Underground Utilities, 24 inch x 36 inch Dia	2047001	37.000	Ft
0070	_ Abandon and Fill Underground Utilities, 28 inch x 42 inch Dia	2047001	226.000	Ft
0075	_ Abandon and Fill Underground Utilities, 33 inch Dia	2047001	477.000	Ft
0080	_ Brick Pavt, Rem, Salvage, Full Depth	2047011	2.000	Syd
0085	_ Pavt, Rem, Modified	2047011	5,397.000	Syd
0090	_ Roadway Grading	2057002	10.000	Sta
0095	_ Unsuitable Soil, Removal and Replacement, with Granular Material Class II	2067021	400.000	Cyd
0100	_ Stormwater Operator's Inspection	2087050	30.000	Ea
0105	_ Dust Control	2087051	1.000	LSUM
0110	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0115	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0120	Subbase, CIP	3010002	1,500.000	Cyd
0125	Aggregate Base, 8 inch	3020020	5,456.000	Syd

0130	_ Basin Connection, C76 CI III, 12 inch	4027001	224.000	Ft
0135	_ Storm Sewer Lateral, SDR 26 PVC, 6 inch	4027001	42.000	Ft
0140	_ Storm Sewer, C76 CI III 8 inch	4027001	42.000	Ft
0145	_ Storm Sewer, C76 CI III, 15 Inch	4027001	307.000	Ft
0150	_ Storm Sewer, C76 CI III, 18 inch	4027001	492.000	Ft
0155	_ Core and Boot 15 inch Sanitary Sewer into Sewer or Manhole	4027050	2.000	Ea
0160	_ Core and Boot 15 inch Storm Sewer into Sewer or Manhole	4027050	1.000	Ea
0165	_ Core and Boot 18 inch Storm Sewer into Sewer or Manhole	4027050	1.000	Ea
0170	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0175	_ Catch Basin Casting, Furnish	4037050	6.000	Ea
0180	_ Catch Basin, 4 foot Dia, per Detail S-4	4037050	7.000	Ea
0185	_ Storm Manhole Casting, Adjust	4037050	8.000	Ea
0190	_ Storm Manhole Casting, Furnish	4037050	8.000	Ea
0195	_ Storm Manhole, 4 foot Dia, per Detail S-1	4037050	5.000	Ea
0200	_ Storm Manhole, 5 foot Dia, per Detail S-1	4037050	1.000	Ea
0205	Underdrain, Subbase, 6 inch	4040063	2,440.000	Ft
0210	HMA, 3C	5010031	1,000.000	Ton
0215	HMA, 4EML	5012025	500.000	Ton
0220	HMA, 5EML	5012037	500.000	Ton
0225	_ Temporary HMA Pavement	5017031	41.000	Ton
0230	Driveway, Nonreinf Conc, 6 inch	8010005	460.000	Syd
0235	_ Curb and Gutter, 18 x 8 inch Pan, per Detail P-5	8027001	2,800.000	Ft
0240	Curb Ramp Opening, Conc	8030030	28.000	Ft
0245	Curb Ramp, Conc, 6 inch	8032002	720.000	Sft
0250	_ Detectable Warning Surface, Modified	8037001	25.000	Ft
0255	_ Sidewalk, Conc, 6 inch, Modified	8037010	13,610.000	Sft
0260	Sign, Type III, Rem, Salv	8102003	20.000	Ea
0265	_ Sign	8107010	190.000	Sft
0270	_ Sign Post	8107050	33.000	Ea
0275	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	112.000	Ft
0280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	30.000	Ft
0285	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	2,170.000	Ft
0290	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	2,070.000	Ft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0305	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Plastic Drum, Fluorescent, Furn	8120252	4.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	4.000	Ea
0335	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea

0340	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0345	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0355	Traf Regulator Control	8120370	1.000	LSUM
0360	Pedestrian Path, Temp	8122250	500.000	Ft
0365	Pedestrian Ramp, Temp	8122251	32.000	Ea
0370	_ Sign, Temp Business, Oper	8127050	7.000	Ea
0375	_ Sulfur Application	8157010	280.000	Sft
0380	_ Tree Well	8157010	25.000	Sft
0385	_ Prepared Soil	8157021	187.000	Cyd
0390	_ Bike Loop	8157050	5.000	Ea
0395	_ Bike Loop, Rem, Salvage, Reinstall	8157050	8.000	Ea
0400	_ Gleditsia Triacanthos F. Inermis 'Impcole', 3 inch	8157050	8.000	Ea
0405	_ Platanus x Acerifolia 'Bloodgood', 3 inch	8157050	8.000	Ea
0410	_ Protect Tree, per Detail M-2	8157050	7.000	Ea
0415	_ Tree Irrigation Bag	8157050	35.000	Ea
0420	_ Ulmus Davidiana Var. Japonica 'JFS-Bieberich', 3 inch	8157050	6.000	Ea
0425	_ Ulmus 'New Horizon', 3 inch	8157050	6.000	Ea
0430	_ Zelkova Serrata 'Green Vase', 3 inch	8157050	7.000	Ea
0435	_ Root Pruning	8157051	1.000	LSUM
0440	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0445	_ Turf Establishment	8167011	1,292.000	Syd
0450	_ Turf Watering	8167050	20.000	Ea
0455	_ Weed Control, Modified	8167050	3.000	Ea
0460	_ Water Main, 12 inch	8237001	508.000	Ft
0465	_ Water Main, 16 inch	8237001	600.000	Ft
0470	_ Water Main, 6 inch	8237001	32.000	Ft
0475	_ Water Service, 1.5 inch (Curb Box to Main)	8237001	95.000	Ft
0480	_ Water Service, 1.5 inch (Curb Box to Meter)	8237001	25.000	Ft
0485	_ Water Service, 2 inch (Curb Box to Main)	8237001	111.000	Ft
0490	_ Bend, 45 Degree, 12 inch	8237050	6.000	Ea
0495	_ Bend, 45 Degree, 6 inch	8237050	2.000	Ea
0500	_ Bend, 90 Degree, 16 inch	8237050	2.000	Ea
0505	_ Chamber or Pit, Rebuild with Flattop, per Detail S-10	8237050	1.000	Ea
0510	_ Curb Stop and Box on Water Service, 1.5 inch	8237050	5.000	Ea
0515	_ Curb Stop and Box on Water Service, 2 inch	8237050	3.000	Ea
0520	_ Fire Hydrant, Rem	8237050	3.000	Ea
0525	_ Hydrant, 5 inch	8237050	4.000	Ea
0530	_ Plug, 12 inch	8237050	1.000	Ea
0535	_ Reconnect Existing 1.5 inch Copper Water Service	8237050	12.000	Ea
0540	_ Reducer, 12 inch x 10 inch	8237050	1.000	Ea
0545	_ Reducer, 16 inch x 12 inch	8237050	1.000	Ea
0550	_ Reducer, 24 inch x 16 inch	8237050	1.000	Ea
0555	_ Sleeve, 12 inch	8237050	1.000	Ea

0560	_ Sleeve, 16 inch	8237050	3.000	Ea
0565	_ Sleeve, 6 inch	8237050	1.000	Ea
0570	_ Tap for Water Service, Including Corporation Stop, 1.5 inch	8237050	5.000	Ea
0575	_ Tap for Water Service, Including Corporation Stop, 2 inch	8237050	3.000	Ea
0580	_ Tee, 12 inch x 12 inch x 6 inch	8237050	2.000	Ea
0585	_ Tee, 16 inch x 16 inch x 12 inch	8237050	1.000	Ea
0590	_ Tee, 16 inch x 16 inch x 6 inch	8237050	3.000	Ea
0595	_ Thrust Block, per Detail	8237050	2.000	Ea
0600	_ Valve and Box, 12 inch	8237050	1.000	Ea
0605	_ Valve and Box, 6 inch	8237050	5.000	Ea
0610	_ Sanitary Sewer Lateral, SDR 35, 6 inch	8257001	387.000	Ft
0615	_ Sanitary Sewer, D2680, 15 inch	8257001	511.000	Ft
0620	_ Sanitary Sewer, DI CI 53, 12 inch	8257001	36.000	Ft
0625	_ Drop Connection, Per Detail S-1A, on 12 inch Sanitary Sewer	8257050	1.000	Ea
0630	_ Reconnect Existing Sanitary Sewer Lateral	8257050	12.000	Ea
0635	_ Sanitary Manhole Casting, Furnish	8257050	12.000	Ea
0640	_ Sanitary Manhole, 4 foot Dia, per Detail S-1	8257050	2.000	Ea
0645	_ Tee/wye on 15 inch Sanitary Sewer, 6 inch	8257050	12.000	Ea
0650	_ Preconstruction Documentation	8507051	1.000	LSUM
0655	_ Contaminated Material, Storage, Handling and Disposal	8507060	1.000	Dlr



6/9/2022 2:26 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220701 057**Letting Date:** July 1, 2022**Contract ID:** 78061-215475

Description: 0.08 mi of hot mix asphalt reconstruction, sleeper slab replacement, bridge approach work and pavement markings on M-86 either side of Prairie River in the village of Centreville, Saint Joseph County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215475A	N/A	N/A	M 78061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	80.000	Ft
0015	Guardrail, Rem	2040035	914.000	Ft
0020	Embankment, CIP	2050010	22.000	Cyd
0025	Excavation, Earth	2050016	1,337.000	Cyd
0030	Erosion Control, Check Dam, Stone	2080012	30.000	Ft
0035	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0040	Erosion Control, Sediment Trap	2080034	4.000	Ea
0045	Erosion Control, Silt Fence	2080036	800.000	Ft
0050	Subbase, CIP	3010002	1,017.000	Cyd
0055	Aggregate Base, 6 inch	3020016	1,793.000	Syd
0060	Maintenance Gravel	3060020	30.000	Ton
0065	Driveway Maintenance, Residential	3062001	1.000	Ea
0070	Shld, CI II, 6 inch	3070128	149.000	Syd
0075	Video Inspection of Underdrain	4040200	102.000	Ft
0080	Bump Grinding	5010004	100.000	Syd
0085	HMA Surface, Rem	5010005	1,669.000	Syd
0090	HMA Quality Initiative	5010007	1,326.000	Dlr
0095	Longit Joint Density Quality Initiative	5010018	317.000	Dlr
0100	HMA Approach	5010061	663.000	Ton
0105	Curb and Gutter, Conc, Det D2	8020031	38.000	Ft
0110	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0115	Spillway, Conc	8020075	6.000	Ft
0120	Curb and Gutter, Bridge Approach, Det 1	8022010	89.000	Ft
0125	_ Turf Establishment, Performance	8067011	956.000	Syd
0130	Guardrail, Type MGS-8	8070004	614.000	Ft
0135	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea

0140	Guardrail Anch, Bridge, Det T4	8070025	2.000	Ea
0145	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0150	Guardrail Reflector	8070080	40.000	Ea
0155	Post, Mailbox	8070095	2.000	Ea
0160	Delineator Reflector, Green	8100133	4.000	Ea
0165	Delineator, Rem	8100349	4.000	Ea
0170	Post, Rigid, Delineator	8100361	4.000	Ea
0175	Post, Steel, 3 lb	8100371	28.000	Ft
0180	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0185	Sign, Type II, Rem	8100397	2.000	Ea
0190	_ Ground Mtd Sign Support, Rem	8107050	6.000	Ea
0195	Pavt Mrkg, Waterborne, 6 inch, White	8110233	3,150.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,150.000	Ft
0205	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	3,150.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,150.000	Ft
0215	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	168.000	Ft
0220	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0235	Conc Barrier Ending, Temp, Det 5, Adj	8120060	2.000	Ea
0240	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
0245	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0250	Conc Barrier, Temp, Adj	8120080	600.000	Ft
0255	Conc Barrier, Temp, Furn	8120081	600.000	Ft
0260	Conc Barrier, Temp, Oper	8120082	600.000	Ft
0265	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	1.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Pavt Mrkg Cover, Type R, Black	8120200	750.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0295	PTS System, Temp, Furn	8120270	1.000	Ea
0300	PTS System, Temp, Oper	8120271	1.000	Ea
0305	Sign Cover	8120310	2.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0315	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0320	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0325	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	290.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	290.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM

0345	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	400.000	Ft
0350	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	400.000	Ft
0355	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	400.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,150.000	Ft
0365	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,990.000	Ft
0370	_ Driveway Assistance Device, Portable, Temp	8127050	2.000	Ea
0375	Riprap, Plain	8130010	6.000	Syd
0380	Centerline Corrugations, Milled, HMA	8220013	325.000	Ft
0385	Contractor Staking	8240001	1.000	LSUM
0390	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

Section: 2

0395	Backfill, Structure, CIP	2060002	140.000	Cyd
0400	Excavation, Fdn	2060010	140.000	Cyd
0405	Underdrain, Fdn, 4 inch	4040031	99.000	Ft
0410	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0415	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
0420	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0425	Bridge Ltg, Oper and Maintain	7060002	49.000	Cyd
0430	Expansion Joint Device	7060050	98.000	Ft
0435	Reinforcement, Steel, Epoxy Coated	7060092	13,669.000	Lb
0440	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0445	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0450	Superstructure Conc, High Performance	7060116	23.000	Cyd
0455	Superstructure Conc, Night Casting, High Performance	7060117	49.000	Cyd
0460	Joint Waterproofing	7100001	144.000	Sft
0465	Structures, Rehabilitation, Rem Portions	7120070	1.000	LSUM