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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 001**Letting Date:** September 2, 2022**Contract ID:** 43000-214539

Description: 1.69 mi of hot mix asphalt base crushing, shaping and resurfacing, trenching, aggregate shoulders and pavement markings on Old M 63 from N D Ercole Drive east to N Syer Drive, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214539A	22A0695	N/A	STL 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$69,500.00	1100001	1.000	LSUM
0010	Embankment, CIP	2050010	500.000	Cyd
0015	Excavation, Earth	2050016	500.000	Cyd
0020	Aggregate Base	3020001	3,200.000	Ton
0025	HMA Base Crushing and Shaping	3050002	29,820.000	Syd
0030	Maintenance Gravel, LM	3060021	100.000	Cyd
0035	Approach, CI I, 6 inch	3070008	900.000	Syd
0040	Approach, CI II	3070021	160.000	Ton
0045	Shld, CI II	3070121	850.000	Ton
0050	Trenching	3070200	179.000	Sta
0055	HMA Approach	5010061	175.000	Ton
0060	HMA, 4EL	5012024	5,100.000	Ton
0065	Post, Mailbox	8070095	5.000	Ea
0070	Post, Steel, 3 pound	8100371	196.000	Ft
0075	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0080	Sign, Type III, Rem	8100403	14.000	Ea
0085	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,540.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,470.000	Ft
0095	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	965.000	Ft
0115	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0125	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	965.000	Ft
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft

0135	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0145	_ Slope Restoration	8167011	11,950.000	Syd
0150	Monument Box	8210001	3.000	Ea
0155	Monument Preservation	8210010	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 220902 002**Letting Date:** September 2, 2022**Contract ID:** 81076-205652

Description: 7.30 mi of hot mix asphalt reconstruction, cold milling and resurfacing, concrete curb, gutter and sidewalk, guardrail work and bridge rehabilitation including deck replacement, steel repairs, healer sealer, joint repair, partial paint, pier and abutment patching, concrete beam end repairs, approach work and pavement markings on US-12 from east of US-23 to Carpenter Road, Washtenaw County. 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
205652A	22A0784	N/A	HIPB 81076
208857A	22A0785	N/A	NH 81076
210085A	22A0786	N/A	NH 81076
213129A	22A0789	N/A	CPM 81076

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dir
0010	Mobilization, Max \$5,209,800.00	1100001	1.000	LSUM
0015	Clearing	2010001	7.880	Acre
0020	Clearing, Fence	2010002	29.000	Sta
0025	_ Clearing, Fence, Spec	2017002	3.000	Sta
0030	_ Clearing, Spec	2017012	0.740	Acre
0035	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	57.000	Ea
0045	Culv, Rem, Less than 24 inch	2030001	117.000	Ea
0050	Culv, Rem, 24 inch to 48 inch	2030002	29.000	Ea
0055	Culv, End, Rem, Less than 24 inch	2030005	35.000	Ea
0060	Culv, End, Rem, 24 inch to 48 inch	2030006	8.000	Ea
0065	Dr Structure, Abandon	2030010	6.000	Ea
0070	Dr Structure, Rem	2030011	31.000	Ea
0075	Sewer, Rem, Less than 24 inch	2030015	1,231.000	Ft
0080	Sewer, Rem, 24 inch to 48 inch	2030016	119.000	Ft
0085	Curb and Gutter, Rem	2040020	2,260.000	Ft
0090	Fence, Rem	2040025	1,402.000	Ft
0095	Guardrail, Rem	2040035	7,052.000	Ft
0100	Pavt, Rem	2040050	35,778.000	Syd
0105	Sidewalk, Rem	2040055	858.000	Syd
0110	Exploratory Investigation, Vertical	2040080	150.000	Ft

0115	_ Misc Debris, Rem, LM	2047021	500.000	Cyd
0120	Backfill, Swamp	2050001	2,100.000	Cyd
0125	Embankment, CIP	2050010	114,576.000	Cyd
0130	Excavation, Earth	2050016	252,159.000	Cyd
0135	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,567.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	4,000.000	Cyd
0145	Subgrade Undercutting, Type IV	2050043	2,500.000	Cyd
0150	Flowable Fill, Non-Structural	2050148	67.000	Cyd
0155	Erosion Control, Check Dam, Stone	2080012	200.000	Ft
0160	Erosion Control, Filter Bag	2080014	5.000	Ea
0165	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0170	Erosion Control, Gravel Filter Berm	2080018	200.000	Ft
0175	Erosion Control, Inlet Protection, Fabric Drop	2080020	69.000	Ea
0180	Erosion Control, Inlet Protection, Sediment Trap	2080024	55.000	Ea
0185	Erosion Control, Maintenance, Sediment Rem	2080026	165.000	Cyd
0190	Erosion Control, Sand Bag	2080028	150.000	Ea
0195	Erosion Control, Sediment Trap	2080034	10.000	Ea
0200	Erosion Control, Silt Fence	2080036	10,186.000	Ft
0205	_ Erosion Control, Check Dam, Stone, Spec	2087001	1,576.000	Ft
0210	Project Cleanup	2090001	1.000	LSUM
0215	Subbase, CIP	3010002	85,139.000	Cyd
0220	Aggregate Base, 4 inch	3020010	4,347.000	Syd
0225	Aggregate Base, 6 inch	3020016	212,513.000	Syd
0230	Aggregate Base, Conditioning, Surplus and Unsuitable, Rem, LM	3022000	23,058.000	Cyd
0235	Open-Graded Dr Cse, 6 inch	3030006	5,939.000	Syd
0240	Open-Graded Dr Cse, CIP	3030030	825.000	Cyd
0245	Aggregate Surface Cse	3060005	4,750.000	Cyd
0250	Approach, CI II, 6 inch	3070028	180.000	Syd
0255	Shld, CI II, 3 inch	3070125	14,741.000	Syd
0260	Shld, CI II, 7 inch	3070129	1,550.000	Syd
0265	Shld, CI II, 6 inch, Temp	3070183	17,270.000	Syd
0270	_ Shld, CI II, 6 1/2 inch	3077011	1,385.000	Syd
0275	_ Shld, CI II, 7 1/2 inch	3077011	3,238.000	Syd
0280	_ Shld, CI II, 8 1/4 inch	3077011	428.000	Syd
0285	_ Shld, CI II, 9 1/2 inch	3077011	14,490.000	Syd
0290	_ Shld, CI II, 9 inch	3077011	5,246.000	Syd
0295	Geotextile, Separator	3080005	3,169.000	Syd
0300	Culv End Sect, 12 inch	4010012	8.000	Ea
0305	Culv End Sect, 15 inch	4010015	8.000	Ea
0310	Culv End Sect, 18 inch	4010018	5.000	Ea
0315	Culv End Sect, 30 inch	4010030	1.000	Ea
0320	Culv End Sect, Conc, 12 inch	4010047	6.000	Ea
0325	Culv End Sect, Conc, 15 inch	4010048	12.000	Ea

0330	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0335	Culv End Sect, Conc, 30 inch	4010052	1.000	Ea
0340	Culv, CI A, 18 inch	4010133	312.000	Ft
0345	Culv, CI A, 24 inch	4010134	180.000	Ft
0350	Culv, CI A, 30 inch	4010135	319.000	Ft
0355	Culv, CI A, Conc, 36 inch	4010170	103.000	Ft
0360	Culv, CI E, 12 inch	4010539	12.000	Ft
0365	Culv, CI E, 15 inch	4010540	22.000	Ft
0370	Culv, CI E, Conc, 15 inch	4010574	32.000	Ft
0375	Culv, CI E, Conc, 18 inch	4010575	178.000	Ft
0380	Culv, CI F, 12 inch	4010607	44.000	Ft
0385	Culv, CI V, 36 inch, Jacked in Place	4010726	508.000	Ft
0390	Culv, CI V, 48 inch, Jacked in Place	4010728	123.000	Ft
0395	Culv, Downspout, 12 inch	4010795	103.000	Ft
0400	Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch	4010901	62.000	Ft
0405	Culv, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch	4010904	70.000	Ft
0410	Culv, Slp End Sect, 1 on 4, 15 inch, Transv	4010918	9.000	Ea
0415	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	3.000	Ea
0420	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0425	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0430	Culv, Slp End Sect, 1 on 4, 30 inch, Longit	4010927	1.000	Ea
0435	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0440	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	4.000	Ea
0445	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0450	Culv, Slp End Sect, 1 on 4, 48 inch, Longit	4010933	1.000	Ea
0455	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Transv	4011050	2.000	Ea
0460	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Transv	4011056	2.000	Ea
0465	Dr Marker Post	4011109	140.000	Ea
0470	Outfall Label	4011115	5.000	Ea
0475	Culv, Outlet Headwall, 12 inch	4012000	7.000	Ea
0480	Culv, Outlet Headwall, 18 inch	4012002	1.000	Ea
0485	Culv, Outlet Headwall, 24 inch	4012004	1.000	Ea
0490	_ Culv Cleanout	4017001	1,257.000	Ft
0495	_ Cured-In-Place Pipe Lining, 15 inch	4017001	846.000	Ft
0500	_ Cured-In-Place Pipe Lining, 24 inch	4017001	204.000	Ft
0505	_ Cured-In-Place Pipe Lining, 36 inch	4017001	207.000	Ft
0510	_ Stoplog Structure	4017050	2.000	Ea
0515	Sewer, CI A, 12 inch, Tr Det B	4020033	1,875.000	Ft
0520	Sewer, CI A, 15 inch, Tr Det B	4020034	46.000	Ft
0525	Sewer, CI A, 18 inch, Tr Det B	4020035	241.000	Ft
0530	Sewer, CI A, 24 inch, Tr Det B	4020036	453.000	Ft
0535	Sewer, CI A, 36 inch, Tr Det B	4020038	118.000	Ft
0540	Sewer, CI A, 12 inch, Tr Det C	4020063	151.000	Ft

0545	Sewer Tap, 18 inch	4021206	1.000	Ea
0550	Trench Undercut and Backfill	4021260	500.000	Cyd
0555	Video Taping Sewer and Culv Pipe	4021275	1,836.000	Ft
0560	_ Slotted Drain, Galv, 12 inch	4027001	896.000	Ft
0565	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0570	Dr Structure Cover, Adj, Case 2	4030006	19.000	Ea
0575	Dr Structure Cover, Type B	4030010	13.000	Ea
0580	Dr Structure Cover, Type C	4030015	6.000	Ea
0585	Dr Structure Cover, Type D	4030025	20.000	Ea
0590	Dr Structure Cover, Type J	4030045	15.000	Ea
0595	Dr Structure Cover, Type R	4030070	2.000	Ea
0600	Dr Structure, 24 inch dia	4030200	13.000	Ea
0605	Dr Structure, 48 inch dia	4030210	34.000	Ea
0610	Dr Structure, 60 inch dia	4030220	5.000	Ea
0615	Dr Structure, 72 inch dia	4030230	2.000	Ea
0620	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	14.000	Ft
0625	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	129.000	Ft
0630	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	7.000	Ft
0635	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0640	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0645	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0650	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0655	Dr Structure, Temp Lowering	4030390	11.000	Ea
0660	_ Restrictor Plate, 12 Inch Sewer	4037050	1.000	Ea
0665	_ Restrictor Plate, 15 Inch Sewer	4037050	1.000	Ea
0670	_ Restrictor Plate, 18 Inch Sewer	4037050	2.000	Ea
0675	_ Restrictor Plate, 24 Inch Sewer	4037050	1.000	Ea
0680	_ Restrictor Plate, 36 Inch Sewer	4037050	1.000	Ea
0685	Underdrain, Fdn, 6 inch	4040033	898.000	Ft
0690	Underdrain, Subbase, 6 inch	4040063	38,965.000	Ft
0695	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0700	Underdrain Outlet, 4 inch	4040091	92.000	Ft
0705	Underdrain Outlet, 6 inch	4040093	3,429.000	Ft
0710	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0715	Underdrain, Outlet Ending, 6 inch	4040113	236.000	Ea
0720	Video Inspection of Underdrain	4040200	38,965.000	Ft
0725	Cold Milling HMA Surface	5010002	291,327.000	Syd
0730	Bump Grinding	5010004	1,525.000	Syd
0735	HMA Surface, Rem	5010005	137,643.000	Syd
0740	HMA Quality Initiative	5010007	220,582.000	Dlr
0745	Longit Joint Density Quality Initiative	5010018	253,250.000	Dlr
0750	HMA Approach	5010061	8,273.000	Ton

0755	HMA, 3EML	5012013	5,900.000	Ton
0760	HMA, 3EMH	5012014	18,718.000	Ton
0765	HMA, 4EML	5012025	10,250.000	Ton
0770	HMA, 4EMH	5012026	33,009.000	Ton
0775	HMA, 5EML	5012037	8,498.000	Ton
0780	HMA, 5EMH	5012038	25,643.000	Ton
0785	HMA, Temp Pavt (3EML)	5012101	15,437.000	Ton
0790	HMA, Temp Pavt (4EML)	5012103	9,870.000	Ton
0795	HMA, Temp Pavt (5EML)	5012105	8,221.000	Ton
0800	Joint, Contraction, Cp	6020200	2,000.000	Ft
0805	Conc Pavt, Bridge Approach, Reinf	6020600	661.000	Syd
0810	Joint, Contraction, Crg	6030020	1,000.000	Ft
0815	Joint, Expansion, Erg	6030021	250.000	Ft
0820	Lane Tie, Epoxy Anchored	6030030	4,000.000	Ea
0825	Pavt Repr, Nonreinf Conc, 13 inch	6030053	2,700.000	Syd
0830	Pavt Repr, Rem	6030080	2,700.000	Syd
0835	Saw Cut, Intermediate	6030090	2,000.000	Ft
0840	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	3,410.000	Ft
0845	_ Rub Rail	7097001	230.000	Ft
0850	Driveway, Nonreinf Conc, 6 inch	8010005	215.000	Syd
0855	Curb and Gutter, Conc, Det B2	8020016	5,727.000	Ft
0860	Driveway Opening, Conc, Det M	8020050	787.000	Ft
0865	Shld Gutter, Conc, Det 2	8020056	32.000	Ea
0870	Valley Gutter, Conc	8020060	382.000	Ft
0875	Downspout Header, Conc	8020070	2.000	Ea
0880	Spillway, Conc	8020075	242.000	Ft
0885	Curb and Gutter, Bridge Approach, Det 2	8022011	832.000	Ft
0890	Curb and Gutter, Bridge Approach, Det 5	8022016	345.000	Ft
0895	Curb and Gutter, Bridge Approach, Det 6	8022017	115.000	Ft
0900	Curb and Gutter, Bridge Approach, Det 7	8022018	65.000	Ft
0905	Curb and Gutter, Bridge Approach, Det 7A	8022020	65.000	Ft
0910	Detectable Warning Surface	8030010	103.000	Ft
0915	Curb Ramp Opening, Conc	8030030	103.000	Ft
0920	Sidewalk, Conc, 4 inch	8030044	100.000	Sft
0925	Curb Ramp, Conc, 6 inch	8032002	1,428.000	Sft
0930	_ Curb Ramp, Conc, 6 inch, Spec	8037010	1,428.000	Sft
0935	_ Sidewalk, Conc, 6 inch, Colored	8037010	2,396.000	Sft
0940	_ Sidewalk, Conc, 6 inch, Spec	8037010	22,169.000	Sft
0945	Guardrail Anch, Bridge, Det T1, Temp	8070030	4.000	Ea
0950	Guardrail Approach Terminal, Type 2M	8070044	34.000	Ea
0955	Guardrail Approach Terminal, Type 2M, Temp	8070049	5.000	Ea
0960	Guardrail Departing Terminal, Type MGS	8070052	17.000	Ea
0965	Guardrail Reflector	8070080	267.000	Ea
0970	Post, Mailbox	8070095	6.000	Ea
0975	Guardrail Anch, Bridge, Det M1	8070130	8.000	Ea

0980	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0985	Guardrail Anch, Bridge, Det M7	8070136	8.000	Ea
0990	Cable Barrier, High Tension, Rem	8070200	1,640.000	Ft
0995	Cable Barrier, High Tension, Salv	8070201	588.000	Ft
1000	Cable Barrier, High Tension, Reconst	8070202	588.000	Ft
1005	Cable Barrier, Furn and Install (Gibraltar, TL-4)	8070207	1,320.000	Ft
1010	Cable Barrier Terminal, Furn and Install (Gibraltar, TL-4)	8070208	8.000	Ea
1015	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	188.000	Ea
1020	Cable Barrier, High Tension, Line Post Fdn	8070221	155.000	Ea
1025	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	6.000	Ea
1030	Cable Barrier, High Tension, End Term Fdn	8070223	8.000	Ea
1035	Cable Barrier, Cable Splice Kit	8070260	2.000	Ea
1040	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	675.000	Ft
1045	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	275.000	Ft
1050	Guardrail Anch, Bridge, Det M1, Temp	8072084	2.000	Ea
1055	Guardrail, Type MGS-8, 72 inch Post	8072179	3,927.000	Ft
1060	Guardrail, Type MGS-8, 108 inch Post	8072180	3,577.000	Ft
1065	_ Cable Barrier, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077001	1,522.000	Ft
1070	_ Cable Barrier Terminal, Driven, High Tension, 3-Cable, Gibraltar TL-4	8077050	2.000	Ea
1075	Fence, Woven Wire with Wood Post	8080001	800.000	Ft
1080	Fence, Woven Wire with Steel Post	8080002	602.000	Ft
1085	Fence, Chain Link, 72 inch	8080013	1,770.000	Ft
1090	Fence Gate, 16 foot, for 72 inch Chain Link Fence	8080063	2.000	Ea
1095	Fence, Chain Link, 48 inch, Vinyl Coated	8082001	540.000	Ft
1100	Field Office, CI 1	8090001	36.000	Mo
1105	Field Office, Utility Fees	8090010	10,000.000	Dir
1110	Band, Sign	8100010	5.000	Ea
1115	Bridge Sign Connection, Conc, Type A1	8100031	7.000	Ea
1120	Bridge Sign Connection, Conc, Type D	8100034	1.000	Ea
1125	Bridge Sign Connection, Type A, Rem	8100080	11.000	Ea
1130	Cantilever, Type E	8100104	3.000	Ea
1135	Column, Breakaway, W8 x 13	8100120	12.000	Ea
1140	Column, Breakaway, W8 x 18	8100121	8.000	Ea
1145	Delineator Reflector, Red	8100131	214.000	Ea
1150	Delineator Reflector, Yellow	8100132	30.000	Ea
1155	Delineator Reflector, Green	8100133	26.000	Ea
1160	Delineator Reflector, White	8100134	450.000	Ea
1165	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	36.000	Ea
1170	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	8.000	Ea
1175	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	61.000	Ea
1180	Fdn, Breakaway, W8 x 13	8100160	12.000	Ea
1185	Fdn, Breakaway, W8 x 18	8100161	8.000	Ea

1190	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	74.000	Ft
1195	Fdn, Column Breakaway, Rem	8100220	26.000	Ea
1200	Fdn, Truss Sign Structure Type E, 54 inch Dia, Cased	8100252	88.000	Ft
1205	Fdn, Wood Support, Rem	8100280	56.000	Ea
1210	Installing MDOT Supplied Sign, Type III	8100302	14.000	Ea
1215	Perforated Steel Square Tube Breakaway System	8100330	18.000	Ea
1220	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	19.000	Ea
1225	Delineator, Rem	8100349	345.000	Ea
1230	Post, Flexible, Delineator	8100360	105.000	Ea
1235	Post, Rigid, Delineator	8100361	502.000	Ea
1240	Post, Steel, 3 pound	8100371	3,455.000	Ft
1245	Post, Wood, 4 inch by 6 inch	8100380	904.000	Ft
1250	Post, Wood, 6 inch by 8 inch	8100382	660.000	Ft
1255	Sign, Type I, Rem	8100391	22.000	Ea
1260	Sign, Type IA	8100392	2,485.000	Sft
1265	Sign, Type IB	8100393	345.000	Sft
1270	Sign, Type II, Rem	8100397	58.000	Ea
1275	Sign, Type IIA	8100398	561.000	Sft
1280	Sign, Type IIB	8100399	323.000	Sft
1285	Sign, Type III, Erect, Salv	8100402	3.000	Ea
1290	Sign, Type III, Rem	8100403	176.000	Ea
1295	Sign, Type IIIA	8100404	475.000	Sft
1300	Sign, Type IIIB	8100405	693.000	Sft
1305	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1310	Sign, Type VB	8100425	353.000	Sft
1315	Truss, Type E, 110 foot	8100496	1.000	Ea
1320	Reflective Panel for Permanent Sign Support, 3 foot	8100613	40.000	Ea
1325	Reflective Panel for Permanent Sign Support, 6 foot	8100616	52.000	Ea
1330	Sign, Type III, Rem, Salv	8102003	3.000	Ea
1335	Ground Mtd Sign Support, Rem	8102010	243.000	Ea
1340	Pavt Mrkg, Polyurea, 4 inch, White	8110091	6,330.000	Ft
1345	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	7,610.000	Ft
1350	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	330.000	Ft
1355	Pavt Mrkg, Polyurea, 6 inch, White	8110094	120,060.000	Ft
1360	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	89,925.000	Ft
1365	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	4.000	Ea
1370	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	150.000	Ft
1375	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	170.000	Ft
1380	Pavt Mrkg, Polyurea, 12 inch, White	8110111	12,080.000	Ft
1385	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	262.000	Ft
1390	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,500.000	Ft
1395	Rem Spec Mrkg	8110343	146.000	Sft
1400	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	13.000	Ea

1405	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
1410	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	20.000	Ea
1415	Recessing Pavt Mrkg, Longit	8110450	220,640.000	Ft
1420	Recessing Pavt Mrkg, Transv	8110451	1,627.000	Sft
1425	Recessing Pavt Mrkg, Guide Line	8110453	25.000	Ft
1430	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	25.000	Ft
1435	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	143.000	Ea
1440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	143.000	Ea
1445	Pedestrian Type II Barricade, Temp	8120026	7.000	Ea
1450	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
1455	Conc Barrier Ending, Temp, Det 2, Furn	8120041	20.000	Ea
1460	Conc Barrier Ending, Temp, Det 2, Oper	8120042	20.000	Ea
1465	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	8.000	Ea
1470	Conc Barrier Reflector Replacement	8120070	8,405.000	Ea
1475	Conc Barrier, Temp, Adj	8120080	106,494.000	Ft
1480	Conc Barrier, Temp, Furn	8120081	78,746.000	Ft
1485	Conc Barrier, Temp, Oper	8120082	78,746.000	Ft
1490	Conc Barrier, Temp, Relocated	8120083	17,811.000	Ft
1495	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	59.000	Ea
1500	Culv, Temp	8120090	2.000	Ea
1505	Delineator, Flexible, Temp, Furn	8120091	350.000	Ea
1510	Delineator, Flexible, Temp, Oper	8120092	350.000	Ea
1515	Glare Screen, Temp	8120094	41,279.000	Ft
1520	Glare Screen, Temp, Relocated	8120095	39,137.000	Ft
1525	Glare Screen, Temp, Complete Sect, Replaced	8120096	1,652.000	Ea
1530	High Intensity Light, Type B, Furn	8120110	16.000	Ea
1535	High Intensity Light, Type B, Oper	8120111	16.000	Ea
1540	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
1545	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
1550	Ltg for Night Work	8120160	1.000	LSUM
1555	Minor Traf Devices	8120170	1.000	LSUM
1560	Mobile Attenuator	8120180	6.000	Ea
1565	Part Width Intersection Construction	8120190	1.000	Ea
1570	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	210,600.000	Ft
1575	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	6,000.000	Ft
1580	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,000.000	Ft
1585	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	250.000	Ft
1590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	4,707.000	Ft
1595	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	713.000	Ft
1600	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	13,081.000	Ft

1605	Plastic Drum, Fluorescent, Furn	8120252	1,815.000	Ea
1610	Plastic Drum, Fluorescent, Oper	8120253	1,815.000	Ea
1615	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	455.000	Ft
1620	Sign Cover	8120310	1.000	Ea
1625	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	13.000	Ea
1630	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	13.000	Ea
1635	Sign, Type A, Temp, Prismatic, Furn	8120340	279.000	Sft
1640	Sign, Type A, Temp, Prismatic, Oper	8120341	279.000	Sft
1645	Sign, Type B, Temp, Prismatic, Furn	8120350	3,375.000	Sft
1650	Sign, Type B, Temp, Prismatic, Oper	8120351	711.000	Sft
1655	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	767.000	Sft
1660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,180.000	Sft
1665	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	1,460.000	Ft
1670	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	1,440.000	Ft
1675	Conc Barrier, Temp, Limited Deflection, Det 1, Relocated	8121003	1,000.000	Ft
1680	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	307,388.000	Ft
1685	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	200,481.000	Ft
1690	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	77,567.000	Ft
1695	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	103,107.000	Ft
1700	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	15,740.000	Ft
1705	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	14,764.000	Ft
1710	Speed Radar Trailer, Temp	8122028	4.000	Ea
1715	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,944.000	Ft
1720	Conc Barrier-Mtd Temp Sign System, Furn	8122192	5.000	Ea
1725	Conc Barrier-Mtd Temp Sign System, Oper	8122193	5.000	Ea
1730	_ Barrier Gate, Temp, Furn	8127050	6.000	Ea
1735	_ Barrier Gate, Temp, Open/Close	8127050	6.000	Ea
1740	_ Barrier Gate, Temp, Oper	8127050	6.000	Ea
1745	_ Barrier Gate, Temp, Relocated	8127050	6.000	Ea
1750	_ Driveway Maintenance	8127050	9.000	Ea
1755	_ Heavy Duty Wrecker	8127050	3.000	Ea
1760	_ Impact Attenuator, Temp, 24 inch Wide, TL-3, Spec, Furn	8127050	1.000	Ea
1765	_ Impact Attenuator, Temp, 24 inch Wide, TL-3, Spec, Oper	8127050	1.000	Ea
1770	_ Intersection Maintenance, Spec	8127050	4.000	Ea
1775	_ Light Duty Wrecker	8127050	6.000	Ea
1780	_ Medium Duty Wrecker	8127050	3.000	Ea
1785	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea

1790	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1795	Riprap, Plain	8130010	1,557.000	Syd
1800	Site Preparation, Max \$11,700.00	8150001	1.000	LSUM
1805	Watering and Cultivating, First Season, Min \$6,000.00	8150002	1.000	LSUM
1810	Watering and Cultivating, 2nd Season, Min \$7,000.00	8150003	1.000	LSUM
1815	Acer saccharum 'Celebration', 2 inch	8150180	5.000	Ea
1820	Crataegus crusgalli 'Inermis', 2 inch	8151132	22.000	Ea
1825	Liquidambar styraciflua, 2 inch	8152164	18.000	Ea
1830	Liriodendron tulipifera, 2 inch	8152177	18.000	Ea
1835	Picea abies, 5 foot	8152741	9.000	Ea
1840	Quercus rubra, 2 inch	8153126	6.000	Ea
1845	Ulmus x 'Pioneer', 2 inch	8153963	8.000	Ea
1850	Mulch	8160025	25,000.000	Syd
1855	Mulch Anchoring	8160026	25,000.000	Syd
1860	Seeding, Mixture CR	8160035	2,053.000	Lb
1865	Seeding, Mixture TSM	8160041	500.000	Lb
1870	Water, Sodding/Seeding	8160090	498.000	Unit
1875	Slope Restoration, Freeway, Type A	8162013	112,569.000	Syd
1880	Slope Restoration, Freeway, Type B	8162014	190,977.000	Syd
1885	Slope Restoration, Freeway, Type C	8162015	6,355.000	Syd
1890	Slope Restoration, Freeway, Type D	8162016	1,117.000	Syd
1895	_ Slope Restoration, Non-Phosphorus Fertilizer	8167011	5,731.000	Syd
1900	Conduit, Rem	8182000	470.000	Ft
1905	Conduit, DB, 1, 1/2 inch	8182046	30.000	Ft
1910	Conduit, DB, 1, 1 1/2 inch	8182048	135.000	Ft
1915	Conduit, DB, 3, 3 inch	8182056	110.000	Ft
1920	Conduit, DB, 4, 3 inch	8182059	25.000	Ft
1925	Cable, Sec, 600V, 1, 3/C#6	8182238	445.000	Ft
1930	Hh, Polymer Conc	8182309	4.000	Ea
1935	Hh, Round	8182310	8.000	Ea
1940	Hh, Round, 3 foot dia	8182319	2.000	Ea
1945	Hh, Adj	8182328	7.000	Ea
1950	Hh, Rem	8182330	4.000	Ea
1955	Wood Pole, Cl 4, 40 foot	8182351	4.000	Ea
1960	Wood Pole, Rem	8182363	7.000	Ea
1965	Serv Disconnect	8182366	4.000	Ea
1970	Serv Disconnect, Rem	8182367	3.000	Ea
1975	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	2.000	Ea
1980	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
1985	_ Conduit, DB, 1, 2 inch	8187001	30.000	Ft
1990	_ Conduit, Directional Bore, 1, 1/2 inch	8187001	260.000	Ft
1995	_ Conduit, Directional Bore, 1, 2 inch	8187001	260.000	Ft
2000	Case Sign, Rem	8200020	2.000	Ea
2005	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea

2010	Controller and Cabinet, Rem	8200030	3.000	Ea
2015	Controller Fdn, Base Mtd	8200045	2.000	Ea
2020	Controller Fdn, Rem	8200046	1.000	Ea
2025	Fdn, Rem	8200065	4.000	Ea
2030	TS, Managed Field Ethernet Switch, Rem	8200087	2.000	Ea
2035	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
2040	Pedestal, Alum	8200100	2.000	Ea
2045	Pedestal, Fdn	8200105	3.000	Ea
2050	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
2055	Power Co. (Est. Cost to Contractor)	8200116	6,000.000	Dir
2060	Span Wire	8200140	8.000	Ea
2065	Span Wire, Rem	8200141	5.000	Ea
2070	Span Wire Tether	8200142	6.000	Ea
2075	Steel Pole, Rem	8200145	4.000	Ea
2080	TS, Span Wire Mtd, Rem	8200182	23.000	Ea
2085	Cabinet, NEMA Type	8200186	2.000	Ea
2090	TS, Wireless Link, 5 Gigahertz, Master	8200274	2.000	Ea
2095	TS, Wireless Link, 5 Gigahertz, Remote	8200275	1.000	Ea
2100	TS, Wireless Link, Rem	8200280	5.000	Ea
2105	TS, Wireless Link, Salv	8200281	3.000	Ea
2110	TS, One Way Span Wire Mtd (LED)	8200313	18.000	Ea
2115	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
2120	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	2.000	Ea
2125	TS, Two Way Span Wire Mtd (LED)	8200322	6.000	Ea
2130	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
2135	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
2140	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
2145	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2150	Wireless Vehicle Sensor Node, Rem	8200426	3.000	Ea
2155	Hemispherical Video Detection Camera	8200444	2.000	Ea
2160	Hemispherical Video Detection System	8200445	2.000	Ea
2165	TS Head, Adj	8200452	12.000	Ea
2170	TS Face, Bag	8200458	15.000	Ea
2175	TS Face, Bag, Rem	8200459	15.000	Ea
2180	Strain Pole, Steel, 6 bolt, 30 foot	8200460	8.000	Ea
2185	Strain Pole Fdn, 6 Bolt	8200470	111.000	Ft
2190	Casing	8200480	33.000	Ft
2195	Cellular Modem, TS, 4th G	8200498	2.000	Ea
2200	Backplate, TS	8200501	12.000	Ea
2205	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
2210	Monument Box Adj	8210005	77.000	Ea
2215	Monument Preservation	8210010	15.000	Ea
2220	Protect Corners	8210020	77.000	Ea
2225	Freeway Shld Corrugations, Milled, HMA	8222001	100,998.000	Ft

2230	Hydrant, Relocate, Case 1	8230095	9.000	Ea
2235	Hydrant, Relocate, Case 2	8230096	8.000	Ea
2240	Gate Box, Adj, Temp, Case 2	8230392	6.000	Ea
2245	Gate Box, Adj, Case 2	8230432	2.000	Ea
2250	Contractor Staking	8240001	1.000	LSUM
2255	Staking Plan Errors and Extras, Max \$180/hour	8240002	747.000	Hr
2260	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2265	Lightning Protection, Pole	8260021	2.000	Ea

Section: 2

2270	Structures, Rem (S06 of 81076)	2040060	1.000	LSUM
2275	Structure Demolition Plan, Complex (S06 of 81076)	2040064	1.000	LSUM
2280	Backfill, Structure, CIP	2060002	8,876.000	Cyd
2285	Backfill, Select	2060004	2,457.000	Cyd
2290	Excavation, Fdn	2060010	10,870.000	Cyd
2295	_ PVC Liner for Expanded Polystyrene Block	2067011	409.000	Syd
2300	_ Conc Base Cse, Reinf, Spec	2067021	52.000	Cyd
2305	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	530.000	Cyd
2310	Underdrain, Fdn, 4 inch	4040031	468.000	Ft
2315	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	2,674.000	Sft
2320	Bridge Ltg, Furn and Rem (S03 of 81076)	7060001	1.000	LSUM
2325	Bridge Ltg, Furn and Rem (S04 of 81076)	7060001	1.000	LSUM
2330	Bridge Ltg, Furn and Rem (S06 of 81076)	7060001	1.000	LSUM
2335	Bridge Ltg, Oper and Maintain	7060002	1,420.000	Cyd
2340	Elec Grounding System	7060040	1.000	Ea
2345	Expansion Joint Device	7060050	181.000	Ft
2350	Expansion Joint Device, Cover Plate	7060051	31.000	Ft
2355	False Decking	7060060	52,039.000	Sft
2360	Reinforcement, Steel	7060090	116,449.000	Lb
2365	Reinforcement, Steel, Epoxy Coated	7060092	582,000.000	Lb
2370	Substructure Conc, High Performance	7060101	3,163.000	Cyd
2375	Superstructure Conc, Form, Finish, and Cure (S03 of 81076)	7060111	1.000	LSUM
2380	Superstructure Conc, Form, Finish, and Cure (S04 of 81076)	7060111	1.000	LSUM
2385	Superstructure Conc, Form, Finish, and Cure (S06 of 81076)	7060111	1.000	LSUM
2390	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 81076)	7060112	1.000	LSUM
2395	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 81076)	7060112	1.000	LSUM
2400	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06 of 81076)	7060112	1.000	LSUM
2405	Superstructure Conc, High Performance	7060116	148.000	Cyd
2410	Superstructure Conc, Night Casting, High Performance	7060117	1,420.000	Cyd
2415	Wall Drain	7060130	73.000	Sft
2420	Mechanically Stabilized Earth Wall, Wire Faced, Temp,	7060202	1,674.000	Sft

	Furn			
2425	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	1,674.000	Sft
2430	Sealing Localized Cracks (S03 of 81076)	7060220	1.000	LSUM
2435	Sealing Localized Cracks (S04 of 81076)	7060220	1.000	LSUM
2440	Sealing Localized Cracks (S06 of 81076)	7060220	1.000	LSUM
2445	Conc, Grade 3500, Subfooting	7062000	192.000	Cyd
2450	Aesthetic Texturing	7062005	128.000	Syd
2455	_ Simulated Stone Masonry	7067011	817.000	Syd
2460	Bushing	7070030	96.000	Ea
2465	Shear Developers (S03 of 81076)	7070040	1.000	LSUM
2470	Shear Developers (S04 of 81076)	7070040	1.000	LSUM
2475	Structural Steel, Mixed, Erect	7070050	16,030.000	Lb
2480	Structural Steel, Mixed, Furn and Fab	7070051	16,030.000	Lb
2485	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	8,385.000	Lb
2490	Steel Diaphragm, Prest Conc Beam, Erect	7070054	8,385.000	Lb
2495	_ Bearing, Elastomeric, 2 5/8 inch	7077008	14,800.000	Sin
2500	_ Structural Steel, Rem, Retrofit and Erect (S03 of 81076)	7077051	1.000	LSUM
2505	_ Structural Steel, Rem, Retrofit and Erect (S04 of 81076)	7077051	1.000	LSUM
2510	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	2,122.000	Ft
2515	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	2,122.000	Ft
2520	Joint Waterproofing	7100001	3,030.000	Sft
2525	Joint Waterproofing, Expansion	7100003	60.000	Sft
2530	Conc Surface Coating, Warranty (S03 of 81076)	7100009	1.000	LSUM
2535	Conc Surface Coating, Warranty (S04 of 81076)	7100009	1.000	LSUM
2540	Conc Surface Coating, Warranty (S06 of 81076)	7100009	1.000	LSUM
2545	_ Silane Treatment	7107010	3,318.000	Sft
2550	Reflective Marker, Permanent Barrier	7110003	42.000	Ea
2555	Bridge Barrier Railing, Type 6, High Performance	7110017	293.000	Ft
2560	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	1,287.000	Ft
2565	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	293.000	Ft
2570	Hand Chipping, Other Than Deck	7120007	474.000	Cft
2575	Patch, Forming	7120017	1,896.000	Sft
2580	Epoxy Ovly	7120020	771.000	Syd
2585	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	852.000	Ea
2590	Structures, Rehabilitation, Rem Portions (S03 of 81076)	7120070	1.000	LSUM
2595	Structures, Rehabilitation, Rem Portions (S04 of 81076)	7120070	1.000	LSUM
2600	Reinforcement, Mechanical Splice	7120084	486.000	Ea
2605	Top Flanges and Beam Ends, Clean and Coat	7120100	733.000	Syd
2610	Patching Conc, C-L	7120112	52.000	Cyd
2615	Embedded Galvanic Anode	7120120	1,090.000	Ea
2620	_ Bridge Joints, Clean and Seal	7127001	150.000	Ft

2625	_ Hand Chipping, Spec	7127010	50.000	Sft
2630	_ Latex Modified Conc, Spec	7127021	1.000	Cyd
2635	Beam Plate, Seal Perimeter	7130010	102.000	Ft
2640	Hanger Assembly, Field Measurement	7130030	24.000	Ea
2645	Structural Steel, Furn and Fab, Pin and Hanger	7130070	5,870.000	Lb
2650	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,132.000	Lb
2655	Support, Column, Temp	7130080	4.000	Ea
2660	Steel Structure, Cleaning, Partial, Type 4 (S03 of 81076)	7150047	1.000	LSUM
2665	Steel Structure, Cleaning, Partial, Type 4 (S04 of 81076)	7150047	1.000	LSUM
2670	Steel Structure, Coating, Partial, Type 4 (S03 of 81076)	7150048	1.000	LSUM
2675	Steel Structure, Coating, Partial, Type 4 (S04 of 81076)	7150048	1.000	LSUM
2680	Field Repr of Damaged Coating (S03 of 81076)	7160001	1.000	LSUM
2685	Field Repr of Damaged Coating (S04 of 81076)	7160001	1.000	LSUM
2690	_ Monitoring Structure (S06 of 81076)	8007051	1.000	LSUM
2695	_ Fence, Ornamental Aluminum, 52 inch	8087001	9.000	Ft
2700	_ Fence, Ornamental Aluminum, 72 inch	8087001	226.000	Ft
2705	_ Salvaging Temp Barrier (S03 of 81076)	8127051	1.000	LSUM
2710	_ Slope Protection, Replace	8137011	247.000	Syd
2715	Structure Survey During Construction (S03 of 81076)	8240020	1.000	LSUM
2720	Structure Survey During Construction (S04 of 81076)	8240020	1.000	LSUM
2725	Structure Survey During Construction (S06 of 81076)	8240020	1.000	LSUM



7/28/2022 2:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 003**Letting Date:** September 2, 2022**Contract ID:** 74073-204778

Description: Bridge rehabilitation including superstructure and substructure repair, concrete curb and gutter, culverts, sewer, drainage, guardrail, approach work and pavement markings on M-25 over Forester Creek, Sanilac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204778A	22A0788	N/A	ST 74073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$72,900.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.100	Acre
0015	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0020	Guardrail, Rem	2040035	685.000	Ft
0025	Embankment, CIP	2050010	6.000	Cyd
0030	Excavation, Channel	2050015	50.000	Cyd
0035	Excavation, Earth	2050016	200.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0050	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0055	Erosion Control, Silt Fence	2080036	160.000	Ft
0060	Aggregate Base, 6 inch	3020016	110.000	Syd
0065	_ Shld, CI II, Modified	3077031	50.000	Ton
0070	Culv End Sect, 15 inch	4010015	1.000	Ea
0075	Sewer, CI A, 15 inch, Tr Det A	4020005	120.000	Ft
0080	Dr Structure Cover, Type B	4030010	1.000	Ea
0085	Dr Structure Cover, Type C	4030015	2.000	Ea
0090	Dr Structure, 48 inch dia	4030210	3.000	Ea
0095	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	9.000	Ft
0100	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	1.000	Ft
0105	Cold Milling HMA Surface	5010002	775.000	Syd
0110	HMA Surface, Rem	5010005	140.000	Syd
0115	HMA Quality Initiative	5010007	232.000	Dlr
0120	Longit Joint Density Quality Initiative	5010018	210.000	Dlr
0125	Hand Patching	5010025	42.000	Ton
0130	HMA, 5EL	5012036	74.000	Ton

0135	Curb and Gutter, Conc, Det D2	8020031	248.000	Ft
0140	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0145	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0150	Guardrail Reflector	8070080	15.000	Ea
0155	Guardrail, Curved, Type B-CRT	8072154	38.000	Ft
0160	Guardrail, Type MGS-8, 72 inch Post	8072179	600.000	Ft
0165	_ Hand Digging Guardrail Post	8077050	20.000	Ea
0170	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,200.000	Ft
0175	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	750.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,200.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	750.000	Ft
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0200	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0205	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0210	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0215	Conc Barrier Ending, Temp, Det 5, Adj	8120060	1.000	Ea
0220	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0225	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0230	Conc Barrier, Temp, Adj	8120080	464.000	Ft
0235	Conc Barrier, Temp, Furn	8120081	464.000	Ft
0240	Conc Barrier, Temp, Oper	8120082	464.000	Ft
0245	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0250	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,140.000	Ft
0275	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0280	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	55.000	Ft
0290	PTS System, Temp, Furn	8120270	2.000	Ea
0295	PTS System, Temp, Oper	8120271	2.000	Ea
0300	Sign Cover	8120310	8.000	Ea
0305	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0315	Sign, Type B, Temp, Prismatic, Furn	8120350	451.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	451.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,630.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,000.000	Ft

0340	Riprap, Plain	8130010	6.000	Syd
0345	Slope Restoration, Non-Freeway, Type D	8162004	300.000	Syd
0350	Contractor Staking	8240001	1.000	LSUM
0355	Staking Plan Errors and Extras, Max \$180/hour	8240002	9.000	Hr

Section: 2

0360	Reinforcement, Steel, Epoxy Coated	7060092	100.000	Lb
0365	_ Fiber Reinf Polymer System for Conc Repr	7067010	490.000	Sft
0370	Hand Chipping, Other Than Deck	7120007	560.000	Cft
0375	Patch, Forming	7120017	1,120.000	Sft
0380	Patching Conc, C-L	7120112	21.000	Cyd
0385	Embedded Galvanic Anode	7120120	175.000	Ea
0390	_ Hand Chipping, Spec	7127010	350.000	Sft
0395	_ Latex Modified Conc, Spec	7127021	5.000	Cyd



7/28/2022 2:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 004**Letting Date:** September 2, 2022**Contract ID:** 50051-210076

Description: 3.30 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter sidewalk and ramps, signal modernization, drainage improvements, signing and pavement markings on M-3 from 14 Mile Road to Wellington Crescent Boulevard, Macomb County. This Project includes a 5 year materials and workmanship pavement 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
210076A	22A0779	N/A	NH 50051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	18,118.000	Dlr
0010	Mobilization, Max \$1,873,700.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Dr Structure, Rem	2030011	25.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	419.000	Ft
0030	Curb and Gutter, Rem	2040020	34,970.000	Ft
0035	Guardrail, Rem	2040035	499.000	Ft
0040	Pavt, Rem	2040050	8,022.000	Syd
0045	Sidewalk, Rem	2040055	1,788.000	Syd
0050	Exploratory Investigation, Vertical	2040080	200.000	Ft
0055	Embankment, CIP	2050010	4,400.000	Cyd
0060	Excavation, Earth	2050016	15,670.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	300.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0075	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	408.000	Ea
0085	Erosion Control, Inlet Protection, Sediment Trap	2080024	27.000	Ea
0090	Erosion Control, Maintenance, Sediment Rem	2080026	30.000	Cyd
0095	Erosion Control, Silt Fence	2080036	400.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0105	Subbase, CIP	3010002	3,204.000	Cyd
0110	Aggregate Base, 6 inch	3020016	3,638.000	Syd
0115	Aggregate Base, 12 inch	3020030	14,956.000	Syd
0120	Open-Graded Dr Cse, 16 inch	3030016	7,928.000	Syd
0125	Driveway Maintenance, Commercial	3062000	20.000	Ea

0130	Driveway Maintenance, Residential	3062001	2.000	Ea
0135	Intersection Maintenance	3062002	4.000	Ea
0140	Geotextile, Separator	3080005	10,276.000	Syd
0145	Road Grade Biaxial Geogrid	3082002	200.000	Syd
0150	Sewer, CI A, 12 inch, Tr Det B	4020033	1,691.000	Ft
0155	Sewer, CI A, 15 inch, Tr Det B	4020034	48.000	Ft
0160	Sewer, CI A, 18 inch, Tr Det B	4020035	40.000	Ft
0165	Sewer, CI E, 12 inch, Tr Det B	4020600	502.000	Ft
0170	Sewer, CI E, 18 inch, Tr Det B	4020602	40.000	Ft
0175	Sewer Tap, 12 inch	4021204	12.000	Ea
0180	Sewer Tap, 15 inch	4021205	3.000	Ea
0185	Sewer Tap, 36 inch	4021209	2.000	Ea
0190	Trench Undercut and Backfill	4021260	100.000	Cyd
0195	Video Taping Sewer and Culv Pipe	4021275	2,667.000	Ft
0200	Dr Structure Cover, Adj, Case 1, Modified	4030004	93.000	Ea
0205	Dr Structure Cover, Adj, Case 1	4030005	189.000	Ea
0210	Dr Structure Cover, Adj, Case 2	4030006	21.000	Ea
0215	Dr Structure Cover, Type B	4030010	77.000	Ea
0220	Dr Structure Cover, Type D	4030025	21.000	Ea
0225	Dr Structure Cover, Type J	4030045	23.000	Ea
0230	Dr Structure Cover, Type K	4030050	209.000	Ea
0235	Dr Structure Lead, Cleaning, 12 inch	4030112	5,000.000	Ft
0240	Dr Structure Lead, Cleaning, 18 inch	4030118	1,000.000	Ft
0245	Dr Structure Lead, Cleaning, 24 inch	4030124	1,000.000	Ft
0250	Dr Structure, 24 inch dia	4030200	58.000	Ea
0255	Dr Structure, 48 inch dia	4030210	34.000	Ea
0260	Dr Structure, 60 inch dia	4030220	7.000	Ea
0265	Dr Structure, 72 inch dia	4030230	3.000	Ea
0270	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	38.000	Ft
0275	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	2.000	Ft
0280	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	10.000	Ft
0285	Dr Structure, Cleaning	4030290	100.000	Ea
0290	Dr Structure, Tap, 12 inch	4030312	51.000	Ea
0295	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
0300	Dr Structure, Temp Lowering	4030390	78.000	Ea
0305	_ Accessible Dr Structure Cover	4037050	4.000	Ea
0310	Underdrain, Pipe, Open-Graded, 6 inch	4040043	552.000	Ft
0315	Underdrain Outlet, 6 inch	4040093	20.000	Ft
0320	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0325	Video Inspection of Underdrain	4040200	552.000	Ft
0330	Pavt, Cleaning	5010001	1.000	LSUM
0335	Cold Milling HMA Surface	5010002	202,506.000	Syd
0340	Bump Grinding	5010004	750.000	Syd

0345	HMA Surface, Rem	5010005	23,721.000	Syd
0350	HMA Quality Initiative	5010007	94,764.000	Dlr
0355	Longit Joint Density Quality Initiative	5010018	212,000.000	Dlr
0360	Pavt Joint and Crack Repr, Det 7	5010020	11,000.000	Ft
0365	Hand Patching	5010025	600.000	Ton
0370	HMA Approach	5010061	2,095.000	Ton
0375	HMA Approach, High Stress	5010520	6,839.000	Ton
0380	HMA, 3EML	5012013	115.000	Ton
0385	HMA, 5EML	5012037	1,190.000	Ton
0390	HMA, 4EML, High Stress	5012073	21,227.000	Ton
0395	HMA, 5EML, High Stress	5012085	15,916.000	Ton
0400	Conc Base Cse, Nonreinf, 6 inch	6020015	1,701.000	Syd
0405	Joint, Contraction, Cp	6020200	3,000.000	Ft
0410	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	156.000	Syd
0415	Cement	6030005	200.000	Ton
0420	Cold Milling Conc Pavt	6030014	22,424.000	Syd
0425	Joint, Contraction, Crg	6030020	31,000.000	Ft
0430	Lane Tie, Epoxy Anchored	6030030	8,197.000	Ea
0435	Non-Chloride Accelerator	6030035	8,300.000	Gal
0440	Pavt Repr, Nonreinf Conc, 10 inch	6030048	13,300.000	Syd
0445	Pavt Repr, Rem	6030080	13,300.000	Syd
0450	Saw Cut, Intermediate	6030090	9,000.000	Ft
0455	Coating Galvanized Support Structures	7160010	22.000	Ea
0460	_ Bus Stop, Temp	8007050	20.000	Ea
0465	_ Roadside Unit, Install Salv	8007050	1.000	Ea
0470	_ Roadside Unit, Rem and Salv	8007050	10.000	Ea
0475	Driveway, Nonreinf Conc, 8 inch	8010007	1,184.000	Syd
0480	Curb and Gutter, Conc, Det B2	8020016	4,603.000	Ft
0485	Curb and Gutter, Conc, Det F1	8020035	600.000	Ft
0490	Curb and Gutter, Conc, Det F2	8020036	3,931.000	Ft
0495	Curb and Gutter, Conc, Det F5	8020039	512.000	Ft
0500	Curb and Gutter, Conc, Det F6	8020040	29,889.000	Ft
0505	Driveway Opening, Conc, Det M	8020050	1,706.000	Ft
0510	Detectable Warning Surface	8030010	569.000	Ft
0515	Curb Ramp Opening, Conc	8030030	727.000	Ft
0520	Sidewalk, Conc, 8 inch	8030048	3,316.000	Sft
0525	Curb Ramp, Conc, 6 inch	8032002	14,090.000	Sft
0530	Fence, Protective	8080007	630.000	Ft
0535	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
0540	Fdn, Wood Support, Rem	8100280	30.000	Ea
0545	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
0550	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	12.000	Ea
0555	Post, Steel, 3 pound	8100371	15,225.000	Ft
0560	Post, Wood, 4 inch by 6 inch	8100380	284.000	Ft

0565	Post, Wood, 6 inch by 8 inch	8100382	288.000	Ft
0570	Sign, Type II, Rem	8100397	17.000	Ea
0575	Sign, Type IIA	8100398	250.000	Sft
0580	Sign, Type IIB	8100399	252.000	Sft
0585	Sign, Type III, Erect, Salv	8100402	103.000	Ea
0590	Sign, Type III, Rem	8100403	663.000	Ea
0595	Sign, Type IIIA	8100404	1,364.000	Sft
0600	Sign, Type IIIB	8100405	2,552.000	Sft
0605	Sign, Type V, Rem	8100421	83.000	Ea
0610	Sign, Type VA	8100424	492.000	Sft
0615	Sign, Type VB	8100425	791.000	Sft
0620	Reflective Panel for Permanent Sign Support, 3 foot	8100613	76.000	Ea
0625	Reflective Panel for Permanent Sign Support, 6 foot	8100616	137.000	Ea
0630	Ground Mtd Sign Support, Rem	8102010	688.000	Ea
0635	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	55.000	Ea
0640	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0645	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0650	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0655	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	4,610.000	Ft
0660	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	960.000	Ft
0665	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,120.000	Ft
0670	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0675	Recessing Pavt Mrkg, Longit	8110450	45,300.000	Ft
0680	Recessing Pavt Mrkg, Transv	8110451	8,930.000	Sft
0685	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	50.000	Ft
0690	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	44,070.000	Ft
0695	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	810.000	Ft
0700	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	420.000	Ft
0705	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	260.000	Ea
0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	260.000	Ea
0715	Pedestrian Type II Barricade, Temp	8120026	70.000	Ea
0720	Pedestrian Type II Channelizer, Temp	8120027	1,540.000	Ft
0725	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0735	Ltg for Night Work	8120160	1.000	LSUM
0740	Minor Traf Devices	8120170	1.000	LSUM
0745	Mobile Attenuator	8120180	1.000	Ea
0750	Part Width Intersection Construction	8120190	9.000	Ea
0755	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	27,130.000	Ft
0760	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,740.000	Ft
0765	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	4,920.000	Ft
0770	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	2,570.000	Ft

0775	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	26.000	Ea
0780	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	10.000	Ea
0785	Plastic Drum, Fluorescent, Furn	8120252	1,890.000	Ea
0790	Plastic Drum, Fluorescent, Oper	8120253	1,890.000	Ea
0795	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	4,910.000	Ft
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	26.000	Ea
0805	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	10.000	Ea
0810	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	2,350.000	Ft
0815	Sign Cover	8120310	170.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
0825	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
0830	Sign, Type A, Temp, Prismatic, Furn	8120340	850.000	Sft
0835	Sign, Type A, Temp, Prismatic, Oper	8120341	850.000	Sft
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	9,180.000	Sft
0845	Sign, Type B, Temp, Prismatic, Oper	8120351	9,180.000	Sft
0850	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,400.000	Sft
0855	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,400.000	Sft
0860	Traf Regulator Control	8120370	1.000	LSUM
0865	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	89,420.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	87,860.000	Ft
0875	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	101,040.000	Ft
0880	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	5,250.000	Ft
0885	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	12,490.000	Ft
0890	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	170.000	Ft
0895	Speed Radar Trailer, Temp	8122028	2.000	Ea
0900	Pavt Mrkg, Type NR, Paint, School	8122038	16.000	Ea
0905	Pavt Mrkg, Type NR, Paint, 12 inch, Cross Hatching, White	8122105	60.000	Ft
0910	Pavt Mrkg, Wet Reflective, Type R, Tape, School	8122113	16.000	Ea
0915	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	60.000	Ft
0920	Pedestrian Path, Temp	8122250	820.000	Ft
0925	Pedestrian Ramp, Temp	8122251	80.000	Ea
0930	_ Turf Establishment, Performance	8167011	54,011.000	Syd
0935	Conduit, Rem	8182000	2,123.000	Ft
0940	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	445.000	Ft
0945	Conduit, Directional Bore, 1, 3 inch	8182035	383.000	Ft
0950	Conduit, Directional Bore, 2, 3 inch	8182037	20,580.000	Ft

0955	Conduit, Directional Bore, 3, 3 inch	8182039	1,215.000	Ft
0960	Conduit, DB, 1, 1 1/2 inch	8182048	1,523.000	Ft
0965	Conduit, DB, 1, 3 inch	8182050	301.000	Ft
0970	Conduit, DB, 2, 3 inch	8182053	285.000	Ft
0975	Conduit, DB, 3, 3 inch	8182056	1,034.000	Ft
0980	Conduit, DB, 4, 3 inch	8182059	125.000	Ft
0985	Cable Pole, TS and Sec, Disman	8182209	6.000	Ea
0990	Cable Pole, TS, Disman	8182210	15.000	Ea
0995	Cable, Sec, 600V, 1, 3/C#6	8182238	2,025.000	Ft
1000	Hh, Polymer Conc	8182309	26.000	Ea
1005	Hh, Round	8182310	111.000	Ea
1010	Hh, Round, 3 foot dia	8182319	42.000	Ea
1015	Hh, Rem	8182330	25.000	Ea
1020	Wood Pole, CI 4, 35 foot	8182350	1.000	Ea
1025	Wood Pole, Rem	8182363	3.000	Ea
1030	Serv Disconnect	8182366	14.000	Ea
1035	Serv Disconnect, Rem	8182367	14.000	Ea
1040	Wood Pole, Fit Up, Sec Serv Pole	8182382	1.000	Ea
1045	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
1050	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
1055	_ Conduit, DB, 1, 1 inch	8187001	260.000	Ft
1060	Case Sign, Rem	8200020	17.000	Ea
1065	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	58.000	Ea
1070	Controller and Cabinet, Rem	8200030	15.000	Ea
1075	Controller Fdn, Base Mtd	8200045	13.000	Ea
1080	Controller Fdn, Rem	8200046	1.000	Ea
1085	Fdn, Rem	8200065	20.000	Ea
1090	Flsh Beacon, Controller and Cabinet, Solid State	8200070	2.000	Ea
1095	Flsh Beacon, Solar Power, Dual	8200073	2.000	Ea
1100	Flsh Beacon, Solar Power, Dual, Rem	8200074	2.000	Ea
1105	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	13.000	Ea
1110	Pedestal, Alum	8200100	30.000	Ea
1115	Pedestal, Fdn	8200105	34.000	Ea
1120	Pedestal Fdn, Rem	8200106	14.000	Ea
1125	Pedestal, Rem	8200110	14.000	Ea
1130	Pedestal, Underground Serv, Unmetered	8200112	3.000	Ea
1135	Pushbutton and Sign	8200121	8.000	Ea
1140	Pushbutton, Rem	8200122	8.000	Ea
1145	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
1150	Span Wire	8200140	31.000	Ea
1155	Span Wire, Rem	8200141	26.000	Ea
1160	Span Wire Tether	8200142	21.000	Ea
1165	Steel Pole, Rem	8200145	20.000	Ea
1170	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1175	TS, Bracket Arm Mtd, Rem	8200175	5.000	Ea

1180	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
1185	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	22.000	Ea
1190	TS, Pedestrian, Pedestal Mtd, Rem	8200181	11.000	Ea
1195	TS, Span Wire Mtd, Rem	8200182	35.000	Ea
1200	Cabinet, NEMA Type	8200186	13.000	Ea
1205	Warning Sign	8200260	2.000	Ea
1210	Warning Sign, Rem	8200261	2.000	Ea
1215	TS, Wireless Link, 5 Gigahertz, Remote	8200275	16.000	Ea
1220	TS, Wireless Link, Rem	8200280	16.000	Ea
1225	TS, Two Way Span Wire Mtd, One Sect (LED)	8200291	2.000	Ea
1230	TS, One Way Span Wire Mtd (LED)	8200313	72.000	Ea
1235	TS, Two Way Span Wire Mtd (LED)	8200322	8.000	Ea
1240	TS, One Way Bracket Arm Mtd (LED)	8200333	12.000	Ea
1245	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	10.000	Ea
1250	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	7.000	Ea
1255	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	22.000	Ea
1260	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	7.000	Ea
1265	TS, One Way Mast Arm Mtd (LED)	8200359	37.000	Ea
1270	TS, Antenna, Rem	8200368	1.000	Ea
1275	Bracket, Truss, With 18 Foot Arm	8200378	16.000	Ea
1280	Bracket, Truss, Rem	8200388	13.000	Ea
1285	Video Traf Detection System, Salv	8200441	1.000	Ea
1290	Video Traf Detection Camera, Salv	8200442	1.000	Ea
1295	Hemispherical Video Detection Camera	8200444	3.000	Ea
1300	Hemispherical Video Detection System	8200445	3.000	Ea
1305	Junction Box, Rem	8200457	8.000	Ea
1310	TS Face, Bag	8200458	80.000	Ea
1315	TS Face, Bag, Rem	8200459	80.000	Ea
1320	Strain Pole, Steel, 6 bolt, 30 foot	8200460	29.000	Ea
1325	Strain Pole, Steel, 6 bolt, 36 foot	8200461	11.000	Ea
1330	Strain Pole Fdn, 6 Bolt	8200470	560.000	Ft
1335	Casing	8200480	312.000	Ft
1340	Cellular Modem, TS, 4th G	8200498	13.000	Ea
1345	Backplate, TS	8200501	115.000	Ea
1350	Mast Arm Pole, Cat I	8202010	12.000	Ea
1355	Mast Arm, 35 foot, Cat I	8202016	2.000	Ea
1360	Mast Arm, 40 foot, Cat I	8202017	1.000	Ea
1365	Mast Arm, 45 foot, Cat I	8202018	8.000	Ea
1370	Mast Arm, 50 foot, Cat I	8202019	5.000	Ea
1375	Mast Arm Pole Fdn, 6 Bolt	8202034	168.000	Ft
1380	_ Controller, NEMA, ATC Type	8207050	13.000	Ea
1385	_ St Name Sign, Two Way, LED, 8 foot	8207050	6.000	Ea

1390	Monument Box Adj	8210005	3.000	Ea
1395	Protect Corners	8210020	11.000	Ea
1400	Water Serv, Conflict	8230250	10.000	Ea
1405	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
1410	Gate Box, Adj, Case 1	8230431	11.000	Ea
1415	Water Main Conflict, 6 inch	8232023	10.000	Ea
1420	Water Main Conflict, 12 inch	8232026	10.000	Ea
1425	_ Monitoring Well, Adjust	8237050	10.000	Ea
1430	Contractor Staking	8240001	1.000	LSUM
1435	Staking Plan Errors and Extras, Max \$180/hour	8240002	204.000	Hr
1440	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1445	Lightning Protection, Pole	8260021	13.000	Ea
1450	Fiber Optic, Marker, Above Ground	8260069	46.000	Ea
1455	Tracer Wire	8260070	20,580.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 220902 005

Letting Date: September 2, 2022

Contract ID: 47065-130001

Description: 3.60 mi of concrete reconstruction, concrete curb and gutter, sewer work, guardrail and pavement markings and bridge rehabilitation including epoxy overlay, deck patching, deck replacement, steel repair, substructure repair, substructure patching, joint replacement, concrete and steel beam end repair, structural steel repairs, slope paving repair, structural steel painting and approach work on I-96 from Chilson Road to Dorr Road, Livingston County. This project includes a 5 year materials and workmanship pavement warranty (HMA or Concrete), a 2 year warranty on concrete surface coating, two 5 year warranties on thin epoxy polymer bridge deck overlay and a 2 year warranty on bridge coating. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130001A	N/A	N/A	RBMP 47065
202101A	22A0781	N/A	IM 47065
209022A	22A0782	N/A	BOI 47065
209305A	22A0798	N/A	IM 47065

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Interim Completion Incentive	1027060	880,000.000	Dlr
0010	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0015	Dispute Review Board, Progress Meeting	1040050	33,250.000	Dlr
0020	Critical Path Method Schedule	1080005	15,000.000	Dlr
0025	Mobilization, Max \$4,683,100.00	1100001	1.000	LSUM
0030	Clearing	2010001	0.120	Acre
0035	Clearing, Fence	2010002	104.000	Sta
0040	Culv, Rem, Less than 24 inch	2030001	20.000	Ea
0045	Culv, Rem, 24 inch to 48 inch	2030002	9.000	Ea
0050	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0055	Dr Structure, Rem	2030011	32.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	4,050.000	Ft
0065	Sewer, Rem, 24 inch to 48 inch	2030016	181.000	Ft
0070	Conc Barrier, Rem	2040010	6,609.000	Ft
0075	Curb and Gutter, Rem	2040020	265.000	Ft
0080	Fence, Rem	2040025	28,636.000	Ft
0085	Glare Screen, Rem	2040030	6,609.000	Ft
0090	Guardrail, Rem	2040035	7,108.000	Ft
0095	Masonry and Conc Structure, Rem	2040045	290.000	Cyd

0100	Pavt, Rem	2040050	265,075.000	Syd
0105	Exploratory Investigation, Vertical	2040080	100.000	Ft
0110	_ Pavt, Rem, Spec	2047011	1,011.000	Syd
0115	_ Pavt, Temp, Rem	2047011	10,450.000	Syd
0120	Ditch Cleanout	2050006	100.000	Sta
0125	Embankment, CIP	2050010	7,900.000	Cyd
0130	Excavation, Earth	2050016	15,890.000	Cyd
0135	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	2,230.000	Ft
0145	Erosion Control, Inlet Protection, Fabric Drop	2080020	64.000	Ea
0150	Erosion Control, Maintenance, Sediment Rem	2080026	35.000	Cyd
0155	Erosion Control, Sediment Trap	2080034	114.000	Ea
0160	Erosion Control, Silt Fence	2080036	13,041.000	Ft
0165	_ Straw Wattle	2087001	7,109.000	Ft
0170	Project Cleanup	2090001	1.000	LSUM
0175	Subbase, CIP	3010002	8,160.000	Cyd
0180	Aggregate Base, 6 inch	3020016	15,356.000	Syd
0185	Open-Graded Dr Cse, 6 inch	3030006	2,688.000	Syd
0190	Shld, CI II, 6 inch	3070128	16,939.000	Syd
0195	Geotextile, Separator	3080005	4,673.000	Syd
0200	Culv End Sect, 12 inch	4010012	15.000	Ea
0205	Culv End Sect, 18 inch	4010018	2.000	Ea
0210	Culv End Sect, 24 inch	4010024	5.000	Ea
0215	Culv End Sect, 36 inch	4010036	4.000	Ea
0220	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0225	Culv End Sect, Conc, 54 inch	4010056	4.000	Ea
0230	Culv End Sect, Footing	4010072	39.000	Ea
0235	Culv, CI A, 36 inch	4010136	220.000	Ft
0240	Culv, CI A, 48 inch	4010138	235.000	Ft
0245	Culv, CI B, 24 inch	4010236	235.000	Ft
0250	Culv, CI B, 54 inch	4010241	242.000	Ft
0255	Culv, CI E, 12 inch	4010539	40.000	Ft
0260	Culv, CI E, 18 inch	4010541	48.000	Ft
0265	Culv, CI E, 24 inch	4010542	70.000	Ft
0270	Culv, CI E, 54 inch	4010547	107.000	Ft
0275	Culv, Downspout, 12 inch	4010795	43.000	Ft
0280	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	1.000	Ea
0285	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	1.000	Ea
0290	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	2.000	Ea
0295	Culv, Slp End Sect, 1 on 6, 48 inch, Transv	4010966	1.000	Ea
0300	Dr Marker Post	4011109	244.000	Ea
0305	Culv, Outlet Headwall, 12 inch	4012000	4.000	Ea
0310	_ Culv, Reinf Conc Ellip, HE CI IV, 43 inch by 68 inch	4017001	102.000	Ft
0315	_ Culv End Sect, Conc, Ellip Pipe, 19 inch by 30 inch	4017050	2.000	Ea
0320	_ Culv End Sect, Conc, Ellip Pipe, 43 inch by 68 inch	4017050	2.000	Ea

0325	Sewer, CI A, 12 inch, Tr Det B	4020033	3,242.000	Ft
0330	Sewer, CI A, 15 inch, Tr Det B	4020034	492.000	Ft
0335	Sewer, CI A, 18 inch, Tr Det B	4020035	741.000	Ft
0340	Sewer, CI A, 24 inch, Tr Det B	4020036	74.000	Ft
0345	Sewer, CI B, 24 inch, Tr Det B	4020186	123.000	Ft
0350	Sewer, CI E, 12 inch, Tr Det B	4020600	477.000	Ft
0355	Video Taping Sewer and Culv Pipe	4021275	6,471.000	Ft
0360	Sewer, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch, Tr Det B	4021451	168.000	Ft
0365	_ Slotted Drain, Galv, 12 inch	4027001	1,060.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	24.000	Ea
0375	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0380	Dr Structure Cover, Type CX	4030020	13.000	Ea
0385	Dr Structure Cover, Type DX	4030030	12.000	Ea
0390	Dr Structure Cover, Type G	4030040	4.000	Ea
0395	Dr Structure Cover, Type V	4030085	8.000	Ea
0400	Dr Structure Cover, Type VG	4030090	36.000	Ea
0405	Dr Structure Lead, Cleaning, 12 inch	4030112	1,000.000	Ft
0410	Dr Structure, 48 inch dia	4030210	47.000	Ea
0415	Dr Structure, 60 inch dia	4030220	2.000	Ea
0420	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	12.000	Ft
0425	Dr Structure, Cleaning	4030290	10.000	Ea
0430	Dr Structure, Tap, 12 inch	4030312	11.000	Ea
0435	_ Structure Cover Weigh Down, Temp	4037050	12.000	Ea
0440	Underdrain, Bank, 6 inch	4040003	1,000.000	Ft
0445	Underdrain, Pipe, Open-Graded, 6 inch	4040043	700.000	Ft
0450	Underdrain, Subbase, 6 inch	4040063	1,350.000	Ft
0455	Underdrain, Subgrade, 6 inch	4040073	2,000.000	Ft
0460	Underdrain Outlet, 6 inch	4040093	7,517.000	Ft
0465	Underdrain, Outlet Ending, 6 inch	4040113	268.000	Ea
0470	Video Inspection of Underdrain	4040200	98,497.000	Ft
0475	_ Underdrain, Rem	4047001	91,385.000	Ft
0480	Bump Grinding	5010004	1,000.000	Syd
0485	HMA Surface, Rem	5010005	15,135.000	Syd
0490	Pavt Joint and Crack Repr, Det 7	5010020	16,060.000	Ft
0495	Pavt Joint and Crack Repr, Det 8	5010021	5,360.000	Ft
0500	Hand Patching	5010025	2,373.000	Ton
0505	_ Pavt, Temp	5017011	10,450.000	Syd
0510	_ Ride Incentive	5017060	76,170.000	Dlr
0515	Joint, Contraction, Cp	6020200	1,320.000	Ft
0520	Joint, Expansion, E2	6020207	288.000	Ft
0525	Joint, Expansion, E3	6020208	650.000	Ft
0530	Joint, Expansion, E4	6020209	284.000	Ft
0535	Shld, Freeway	6020221	946.000	Syd

0540	Conc Pavt, Nonreinf, 10 inch, High Performance	6020504	772.000	Syd
0545	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,654.000	Syd
0550	Cement	6030005	132.000	Ton
0555	Joint, Contraction, Crg	6030020	7,320.000	Ft
0560	Joint, Expansion, Erg	6030021	176.000	Ft
0565	Lane Tie, Epoxy Anchored	6030030	1,380.000	Ea
0570	Non-Chloride Accelerator	6030035	1,610.000	Gal
0575	Pavt Repr, Nonreinf Conc, 11 inch	6030050	3,387.000	Syd
0580	Pavt Repr, Rem	6030080	3,387.000	Syd
0585	Saw Cut, Intermediate	6030090	1,440.000	Ft
0590	_ Filling Shld Corrugations with Hot-Poured Rubber	6037001	46,500.000	Ft
0595	_ PTR Quartz and Piezo Sensors Six Lanes	8007051	1.000	LSUM
0600	Curb and Gutter, Conc, Det D3	8020032	34.000	Ft
0605	Shld Gutter, Conc, Det 2	8020056	3.000	Ea
0610	Valley Gutter, Conc	8020060	2,300.000	Ft
0615	Downspout Header, Conc	8020070	6.000	Ea
0620	Spillway, Conc	8020075	63.000	Ft
0625	Curb and Gutter, Bridge Approach, Det 1	8022010	178.000	Ft
0630	Curb and Gutter, Bridge Approach, Det 2	8022011	17.000	Ft
0635	Curb and Gutter, Bridge Approach, Det 3	8022012	124.000	Ft
0640	Curb and Gutter, Bridge Approach, Det 1A	8022013	88.000	Ft
0645	Curb and Gutter, Bridge Approach, Det 3A	8022015	117.000	Ft
0650	Sidewalk, Conc, 4 inch	8030044	2,001.000	Sft
0655	Conc Barrier, Double Face, Type A	8040005	2,194.000	Ft
0660	Conc Barrier, Double Face, Type B	8040006	1,150.000	Ft
0665	Glare Screen, Conc	8040015	4,807.000	Ft
0670	Glare Screen, Conc, Split	8040016	357.000	Ft
0675	Conc Barrier Backfill, CIP	8040030	303.000	Cyd
0680	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	2,613.000	Ft
0685	_ Conc Barrier, Split, Type A, Spec	8047001	357.000	Ft
0690	Guardrail Anch, Bridge, Det T1	8070022	18.000	Ea
0695	Guardrail Anch, Bridge, Det T1, Temp	8070030	2.000	Ea
0700	Guardrail Approach Terminal, Type 3T	8070039	2.000	Ea
0705	Guardrail Approach Terminal, Type 2M	8070044	13.000	Ea
0710	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0715	Guardrail Departing Terminal, Type MGS	8070052	8.000	Ea
0720	Guardrail Reflector	8070080	24.000	Ea
0725	Guardrail, Reconst, Type T	8070109	6,408.000	Ft
0730	Guardrail, Reconst, Type TD	8070110	1,400.000	Ft
0735	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0740	Guardrail Anch, Bridge, Det M7	8070136	4.000	Ea
0745	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	875.000	Ft
0750	Guardrail Anch, Bridge, Det M1, Temp	8072084	1.000	Ea
0755	Guardrail Anch, Bridge, Det M7, Temp	8072090	1.000	Ea

0760	Guardrail, Type MGS-8, 72 inch Post	8072179	5,970.000	Ft
0765	Fence, Woven Wire with Wood Post	8080001	4,400.000	Ft
0770	Fence, Woven Wire with Steel Post	8080002	23,200.000	Ft
0775	Bridge Sign Connection, Conc, Type A1	8100031	4.000	Ea
0780	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
0785	Column, Breakaway, W8 x 13	8100120	18.000	Ea
0790	Delineator Reflector, Red	8100131	34.000	Ea
0795	Delineator Reflector, Yellow	8100132	26.000	Ea
0800	Delineator Reflector, Green	8100133	57.000	Ea
0805	Delineator Reflector, White	8100134	224.000	Ea
0810	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	6.000	Ea
0815	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	11.000	Ea
0820	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	17.000	Ea
0825	Fdn, Breakaway, W8 x 13	8100160	18.000	Ea
0830	Fdn, Column Breakaway, Rem	8100220	14.000	Ea
0835	Fdn, Wood Support, Rem	8100280	26.000	Ea
0840	Installing MDOT Supplied Sign, Type I	8100300	2.000	Ea
0845	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
0850	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	13.000	Ea
0855	Perforated Steel Square Tube Breakaway System	8100330	28.000	Ea
0860	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	56.000	Ea
0865	Delineator, Rem	8100349	300.000	Ea
0870	Post, Flexible, Delineator	8100360	32.000	Ea
0875	Post, Rigid, Delineator	8100361	307.000	Ea
0880	Post, Steel, 3 pound	8100371	878.000	Ft
0885	Post, Wood, 4 inch by 6 inch	8100380	340.000	Ft
0890	Post, Wood, 6 inch by 8 inch	8100382	345.000	Ft
0895	Sign, Type I, Rem	8100391	24.000	Ea
0900	Sign, Type IA	8100392	1,804.000	Sft
0905	Sign, Type IB	8100393	96.000	Sft
0910	Sign, Type II, Rem	8100397	14.000	Ea
0915	Sign, Type IIA	8100398	265.000	Sft
0920	Sign, Type IIB	8100399	75.000	Sft
0925	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0930	Sign, Type III, Rem	8100403	71.000	Ea
0935	Sign, Type IIIA	8100404	340.000	Sft
0940	Sign, Type IIIB	8100405	87.000	Sft
0945	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0950	Sign, Type V, Rem	8100421	19.000	Ea
0955	Sign, Type VB	8100425	328.000	Sft
0960	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
0965	Reflective Panel for Permanent Sign Support, 6 foot	8100616	20.000	Ea

0970	Ground Mtd Sign Support, Rem	8102010	126.000	Ea
0975	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mtd	8107001	10,328.000	Ft
0980	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mtd	8107001	7,374.000	Ft
0985	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	334.000	Ft
0990	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0995	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	30,874.000	Ft
1000	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	5,167.000	Ft
1005	Recessing Pavt Mrkg, Longit	8110450	57,728.000	Ft
1010	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	62,915.000	Ft
1015	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	4,785.000	Ft
1020	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	62,725.000	Ft
1025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	77.000	Ea
1030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	77.000	Ea
1035	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
1040	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
1045	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
1050	Conc Barrier, Temp, Adj	8120080	1,000.000	Ft
1055	Conc Barrier, Temp, Furn	8120081	30,460.000	Ft
1060	Conc Barrier, Temp, Oper	8120082	30,460.000	Ft
1065	Conc Barrier, Temp, Relocated	8120083	26,600.000	Ft
1070	Delineator, Flexible, Temp, Furn	8120091	300.000	Ea
1075	Delineator, Flexible, Temp, Oper	8120092	300.000	Ea
1080	Glare Screen, Temp	8120094	26,900.000	Ft
1085	Glare Screen, Temp, Relocated	8120095	26,900.000	Ft
1090	Glare Screen, Temp, Complete Sect, Replaced	8120096	35.000	Ea
1095	High Intensity Light, Type B, Furn	8120110	6.000	Ea
1100	High Intensity Light, Type B, Oper	8120111	6.000	Ea
1105	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1110	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1115	Ltg for Night Work	8120160	1.000	LSUM
1120	Minor Traf Devices	8120170	1.000	LSUM
1125	Mobile Attenuator	8120180	2.000	Ea
1130	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	82,100.000	Ft
1135	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,900.000	Ft
1140	Plastic Drum, Fluorescent, Furn	8120252	564.000	Ea
1145	Plastic Drum, Fluorescent, Oper	8120253	564.000	Ea
1150	Sign Cover	8120310	40.000	Ea
1155	Sign Cover, Type I	8120320	5.000	Ea
1160	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	19.000	Ea
1165	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	19.000	Ea

1170	Sign, Type A, Temp, Prismatic, Furn	8120340	747.000	Sft
1175	Sign, Type A, Temp, Prismatic, Oper	8120341	747.000	Sft
1180	Sign, Type B, Temp, Prismatic, Furn	8120350	4,143.000	Sft
1185	Sign, Type B, Temp, Prismatic, Oper	8120351	4,143.000	Sft
1190	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,400.000	Sft
1195	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,400.000	Sft
1200	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	219,600.000	Ft
1205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	152,200.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	30,800.000	Ft
1215	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	19,000.000	Ft
1220	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	3,000.000	Ft
1225	Speed Radar Trailer, Temp	8122028	2.000	Ea
1230	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,944.000	Ft
1235	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
1240	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
1245	_ Barrier Gate, Temp Relocated	8127050	3.000	Ea
1250	_ Barrier Gate, Temp, Furn	8127050	3.000	Ea
1255	_ Barrier Gate, Temp, Open/Close	8127050	12.000	Ea
1260	_ Barrier Gate, Temp, Oper	8127050	3.000	Ea
1265	_ Temp Guardrail Delineator	8127050	20.000	Ea
1270	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
1275	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1280	Riprap, Plain	8130010	399.000	Syd
1285	_ Slope Restoration, Freeway, Type A, Modified	8167011	174,147.000	Syd
1290	_ Slope Restoration, Freeway, Type B, Modified	8167011	8,450.000	Syd
1295	_ Slope Restoration, Freeway, Type C, Modified	8167011	17,236.000	Syd
1300	_ Slope Restoration, Freeway, Type D, Modified	8167011	12,260.000	Syd
1305	_ Slope Restoration, Freeway, Type F, Modified	8167011	90,493.000	Syd
1310	Conduit, Rem	8182000	2,630.000	Ft
1315	Conduit, Directional Bore, 1, 3 inch	8182035	75.000	Ft
1320	Conduit, Directional Bore, 2, 3 inch	8182037	540.000	Ft
1325	Conduit, DB, 1, 3 inch	8182050	345.000	Ft
1330	Conduit, DB, 2, 3 inch	8182053	2,135.000	Ft
1335	Conduit, Schedule 80, 2 inch	8182146	760.000	Ft
1340	DB Cable, in Conduit, 600V, 1/C#8	8182188	1,520.000	Ft
1345	DB Cable, in Conduit, 600V, 1/C#10	8182189	500.000	Ft
1350	Cable, Sec, 600V, 1, 3/C#6	8182238	400.000	Ft
1355	Cable, Equipment Grounding Wire, 1/C#8	8182292	760.000	Ft
1360	Cable, Equipment Grounding Wire, 1/C#10	8182293	250.000	Ft

1365	Hh, Round	8182310	17.000	Ea
1370	Hh, Rem	8182330	6.000	Ea
1375	Wood Pole, Cl 4, 35 foot	8182350	1.000	Ea
1380	Serv Disconnect	8182366	2.000	Ea
1385	Wood Pole, Fit Up, Sec Serv Pole	8182382	1.000	Ea
1390	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
1395	Light Std Arm, 10 foot	8190267	4.000	Ea
1400	Light Std Fdn	8190279	4.000	Ea
1405	Light Std Shaft, 31 foot to 40 foot	8190286	4.000	Ea
1410	_ Luminaire, Roadway	8197050	4.000	Ea
1415	Controller and Cabinet, Rem	8200030	1.000	Ea
1420	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
1425	Flsh Beacon, Solar Power, Dual, Rem	8200074	1.000	Ea
1430	Pedestal Fdn, Rem	8200106	1.000	Ea
1435	Pedestal, Rem	8200110	1.000	Ea
1440	Power Co. (Est. Cost to Contractor)	8200116	57,800.000	Dlr
1445	Sign Optical, (LED)	8200373	2.000	Ea
1450	Monument Box	8210001	5.000	Ea
1455	Monument Preservation	8210010	5.000	Ea
1460	Protect Corners	8210020	4.000	Ea
1465	Freeway Shld Corrugations, Milled, Conc	8222000	30,540.000	Ft
1470	Contractor Staking	8240001	1.000	LSUM
1475	Staking Plan Errors and Extras, Max \$180/hour	8240002	454.000	Hr

Section: 2

1480	Embankment, CIP	2050010	6,900.000	Cyd
1485	Excavation, Earth	2050016	318,200.000	Cyd
1490	Subbase, CIP	3010002	233,900.000	Cyd
1495	Aggregate Base, 6 inch	3020016	290,175.000	Syd
1500	Underdrain, Subbase, 6 inch	4040063	91,358.000	Ft
1505	HMA Quality Initiative	5010007	704,673.000	Dlr
1510	_ HMA Approach, 10 1/2 inch	5017011	11,438.000	Syd
1515	_ HMA Approach, 6 1/2 inch	5017011	3,693.000	Syd
1520	_ HMA, 3EMH, 3 inch	5017011	158,675.000	Syd
1525	_ HMA, 3EMH, 6 inch	5017011	158,675.000	Syd
1530	_ HMA, 3EML, 3 inch	5017011	94,274.000	Syd
1535	_ HMA, 3EML, 6 inch	5017011	92,442.000	Syd
1540	_ HMA, 4EML, 2 inch	5017011	1,832.000	Syd
1545	_ HMA, 5EMH, 1 1/2 inch	5017011	158,675.000	Syd
1550	_ HMA, 5EML, 1 1/2 inch	5017011	94,274.000	Syd
1555	_ Curb and Gutter, Conc, Det D2, Modified	8027001	2,488.000	Ft
1560	_ Curb, Conc, Det G1, Modified	8027001	164.000	Ft
1565	_ Curb, Conc, Det G2, Modified	8027001	1,854.000	Ft
1570	_ Valley Gutter, Conc, Modified	8027001	7,723.000	Ft
1575	Recessing Pavt Mrkg, Longit	8110450	104,551.000	Ft

1580	Freeway Shld Corrugations, Milled, HMA	8222001	74,502.000	Ft
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Section: 3

1585	Conc Quality Initiative	10000030	543,564.000	Dlr
1590	Embankment, CIP	2050010	8,100.000	Cyd
1595	Excavation, Earth	2050016	219,200.000	Cyd
1600	_ Embankment, CIP, Spec	2057021	9,500.000	Cyd
1605	Subbase, CIP	3010002	128,900.000	Cyd
1610	Open-Graded Dr Cse, 6 inch	3030006	290,175.000	Syd
1615	Geotextile, Separator	3080005	309,843.000	Syd
1620	Underdrain, Pipe, Open-Graded, 6 inch	4040043	91,358.000	Ft
1625	Joint, Contraction, Cp	6020200	108,943.000	Ft
1630	Joint, Contraction, C3p	6020201	61,805.000	Ft
1635	Joint, Expansion, E2	6020207	552.000	Ft
1640	Joint, Expansion, E4	6020209	367.000	Ft
1645	Conc Pavt, Nonreinf, 10 inch, High Performance	6020504	158,675.000	Syd
1650	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	3,693.000	Syd
1655	Conc Pavt, Misc, Nonreinf, 10 inch, High Performance	6020516	11,438.000	Syd
1660	Shld, Nonreinf Conc, High Performance	6020524	94,274.000	Syd
1665	Joint, Expansion, Erg	6030021	64.000	Ft
1670	Curb and Gutter, Conc, Det D3	8020032	2,488.000	Ft
1675	_ Curb, Conc, Det G1, Modified	8027001	164.000	Ft
1680	_ Curb, Conc, Det G2, Modified	8027001	1,854.000	Ft
1685	_ Valley Gutter, Conc, Modified	8027001	7,723.000	Ft
1690	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	9,571.000	Ft
1695	Recessing Pavt Mrkg, Longit	8110450	114,122.000	Ft
1700	Freeway Shld Corrugations, Milled, Conc	8222000	74,502.000	Ft

Section: 4

1705	_ Railroad Inspection and Flagging, CSX Transportation	1027060	144,000.000	Dlr
1710	_ Railroad Inspection and Flagging, Great Lakes Central Railroad	1027060	144,000.000	Dlr
1715	_ Railroad Protection, CSX Transportation	1027060	40,000.000	Dlr
1720	_ Railroad Protection, Great Lakes Central Railroad	1027060	40,000.000	Dlr
1725	_ Flowable Fill	2057021	4.000	Cyd
1730	Backfill, Structure, CIP	2060002	283.000	Cyd
1735	Excavation, Fdn	2060010	294.000	Cyd
1740	Underdrain, Fdn, 4 inch	4040031	100.000	Ft
1745	Underdrain Outlet, 4 inch	4040091	50.000	Ft
1750	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1755	HMA Patch, Rem	5010006	19.000	Syd
1760	Steel Sheet Piling, Temp	7040002	660.000	Sft
1765	Bridge Ltg, Furn and Rem (S08 of 47065)	7060001	1.000	LSUM
1770	Bridge Ltg, Oper and Maintain	7060002	134.000	Cyd

1775	Expansion Joint Device	7060050	843.000	Ft
1780	False Decking	7060060	22,732.000	Sft
1785	Reinforcement, Steel, Epoxy Coated	7060092	77,208.000	Lb
1790	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 47065)	7060112	1.000	LSUM
1795	Superstructure Conc, Night Casting, High Performance	7060117	134.000	Cyd
1800	Sealing Localized Cracks (S08 of 47065)	7060220	1.000	LSUM
1805	Conc, Grade 4500HP	7062004	109.000	Cyd
1810	_ Fiber Reinf Polymer System Parallel Direction for Prest Conc Beam Repr	7067010	865.000	Sft
1815	Bearing, Elastomeric, 1 inch	7070012	10,240.000	Sin
1820	Shear Developers (S08 of 47065)	7070040	1.000	LSUM
1825	Metal Mesh Panels	7070120	2,729.000	Sft
1830	Joint Waterproofing	7100001	445.000	Sft
1835	Conc Surface Coating, Warranty (R02-3 of 47065)	7100009	1.000	LSUM
1840	Conc Surface Coating, Warranty (R02-4 of 47065)	7100009	1.000	LSUM
1845	Conc Surface Coating, Warranty (R03-3 of 47065)	7100009	1.000	LSUM
1850	Conc Surface Coating, Warranty (R03-4 of 47065)	7100009	1.000	LSUM
1855	Conc Surface Coating, Warranty (S07 of 47065)	7100009	1.000	LSUM
1860	Conc Surface Coating, Warranty (S08 of 47065)	7100009	1.000	LSUM
1865	Conc Surface Coating, Warranty (S09 of 47065)	7100009	1.000	LSUM
1870	Substructure Horizontal Surface Sealer (R02-3 of 47065)	7100030	24.000	Syd
1875	Substructure Horizontal Surface Sealer (R02-4 of 47065)	7100030	24.000	Syd
1880	Substructure Horizontal Surface Sealer (R03-4 of 47065)	7100030	122.000	Syd
1885	Substructure Horizontal Surface Sealer (S07 of 47065)	7100030	50.000	Syd
1890	Substructure Horizontal Surface Sealer (S08 of 47065)	7100030	21.000	Syd
1895	Substructure Horizontal Surface Sealer (S09 of 47065)	7100030	41.000	Syd
1900	_ Silane Treatment	7107010	13,332.000	Sft
1905	Reflective Marker, Permanent Barrier	7110003	22.000	Ea
1910	Bridge Barrier Railing, Type 6, Replacement, High Performance	7112014	640.000	Ft
1915	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	336.000	Ft
1920	Hand Chipping, Shallow	7120003	268.000	Syd
1925	Hand Chipping, Deep	7120004	289.000	Syd
1930	Hand Chipping, Other Than Deck	7120007	1,536.000	Cft
1935	Patch, Full Depth	7120010	18.000	Cyd
1940	Patch, Forming	7120017	5,521.000	Sft
1945	Epoxy Ovly, Warranty	7120022	6,118.000	Syd
1950	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	22.000	Ea
1955	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	1,964.000	Ea
1960	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	68.000	Ea
1965	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	14.000	Ea
1970	Structures, Rehabilitation, Rem Portions (R02-3 of	7120070	1.000	LSUM

	47065)			
1975	Structures, Rehabilitation, Rem Portions (R02-4 of 47065)	7120070	1.000	LSUM
1980	Structures, Rehabilitation, Rem Portions (S07 of 47065)	7120070	1.000	LSUM
1985	Structures, Rehabilitation, Rem Portions (S08 of 47065)	7120070	1.000	LSUM
1990	Structures, Rehabilitation, Rem Portions (S09 of 47065)	7120070	1.000	LSUM
1995	Deck Joint, Rem	7120071	771.000	Ft
2000	Filler Wall Conc	7120087	4.000	Cyd
2005	Flushing Cracks, Water	7120098	144.000	Ft
2010	Structural Crack, Repr	7120099	144.000	Ft
2015	Top Flanges and Beam Ends, Clean and Coat	7120100	109.000	Syd
2020	Patching Conc, C-L	7120112	114.000	Cyd
2025	Embedded Galvanic Anode	7120120	2,430.000	Ea
2030	Hand Chipping, Full Depth	7122000	458.000	Cft
2035	_ Bridge Joints, Clean and Seal	7127001	939.000	Ft
2040	_ Hand Chipping, Spec	7127010	623.000	Sft
2045	_ High Friction Epoxy Ovly, Warranty	7127011	1,544.000	Syd
2050	_ Latex Modified Conc, Spec	7127020	256.000	Cft
2055	Beam Plate, Seal Perimeter	7130010	15,177.000	Ft
2060	Cutting Beam Ends, Simple Span	7130020	3.000	Ea
2065	Stiffeners, Furn, Fab, and Erect	7130060	1,570.000	Lb
2070	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	6,358.000	Lb
2075	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	2,786.000	Lb
2080	Support, Column, Temp	7130080	34.000	Ea
2085	_ Pack Rust Repr	7137001	47.000	Ft
2090	Steel Structure, Cleaning, Type 4 (S07 of 47065)	7150045	1.000	LSUM
2095	Steel Structure, Coating, Type 4 (S07 of 47065)	7150046	1.000	LSUM
2100	Steel Structure, Cleaning, Partial, Type 4 (R02-3 of 47065)	7150047	1.000	LSUM
2105	Steel Structure, Cleaning, Partial, Type 4 (R02-4 of 47065)	7150047	1.000	LSUM
2110	Steel Structure, Cleaning, Partial, Type 4 (S08 of 47065)	7150047	1.000	LSUM
2115	Steel Structure, Cleaning, Partial, Type 4 (S09 of 47065)	7150047	1.000	LSUM
2120	Steel Structure, Coating, Partial, Type 4 (R02-3 of 47065)	7150048	1.000	LSUM
2125	Steel Structure, Coating, Partial, Type 4 (R02-4 of 47065)	7150048	1.000	LSUM
2130	Steel Structure, Coating, Partial, Type 4 (S08 of 47065)	7150048	1.000	LSUM
2135	Steel Structure, Coating, Partial, Type 4 (S09 of 47065)	7150048	1.000	LSUM
2140	Field Repr of Damaged Coating (R02-3 of 47065)	7160001	1.000	LSUM
2145	Field Repr of Damaged Coating (R02-4 of 47065)	7160001	1.000	LSUM
2150	Field Repr of Damaged Coating (S08 of 47065)	7160001	1.000	LSUM
2155	Field Repr of Damaged Coating (S09 of 47065)	7160001	1.000	LSUM

2160	Slope Paving Header	8130015	148.000	Ft
2165	Slope Paving, Conc	8130020	349.000	Syd
2170	Structure Survey During Construction	8240020	1.000	LSUM

Section: 5

2175	_ Calendar Days of Contract Time for Interim Completion, 2023 Construction	1027060	88,000.000	Dir
2180	_ Calendar Days of Contract Time for Interim Completion, 2024 Construction	1027060	88,000.000	Dir



7/28/2022 2:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 006**Letting Date:** September 2, 2022**Contract ID:** 54031-211048

Description: 0.38 mi of hot mix asphalt reconstruction, replacement of 2 culverts and guardrail upgrades on M-66 over a tributary to the Black Creek and the Culp Drain, Mecosta County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211048A	22A0787	N/A	ST 54031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$279,500.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.140	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0020	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0035	Excavation, Earth	2050016	4,905.000	Cyd
0040	Excavation, Peat	2050017	14,055.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0050	_ Backfill, Swamp, Spec	2057021	13,405.000	Cyd
0055	_ Embankment, CIP, Spec	2057021	4,807.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0065	Erosion Control, Filter Bag	2080014	8.000	Ea
0070	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0075	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
0080	Erosion Control, Maintenance, Sediment Rem	2080026	30.000	Cyd
0085	Erosion Control, Sand Bag	2080028	1,454.000	Ea
0090	Erosion Control, Sediment Trap	2080034	11.000	Ea
0095	Erosion Control, Silt Fence	2080036	4,870.000	Ft
0100	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	364.000	Syd
0105	Erosion Control, Turbidity Curtain, Shallow	2080044	1,500.000	Ft
0110	_ Erosion Control, Check Dam, Stone, Spec	2087001	77.000	Ft
0115	Subbase, CIP	3010002	6,945.000	Cyd
0120	Aggregate Base, 6 inch	3020016	13,351.000	Syd
0125	Approach, CI II, 6 inch	3070028	301.000	Syd
0130	_ Shld, CI II, Type 1, 1.5 inch	3077011	420.000	Syd
0135	_ Shld, CI II, Type 1, 6.5 inch	3077011	1,705.000	Syd

0140	_ Shld, CI II, Type 2, 1.5 inch	3077011	45.000	Syd
0145	Culv End Sect, 12 inch	4010012	2.000	Ea
0150	Culv End Sect, Footing	4010072	2.000	Ea
0155	Culv, CI E, 24 inch	4010542	58.000	Ft
0160	Culv, CI F, 12 inch	4010607	32.000	Ft
0165	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0170	Trench Undercut and Backfill	4021260	5.000	Cyd
0175	Underdrain, Subbase, 6 inch	4040063	2,274.000	Ft
0180	Underdrain, Subgrade, 6 inch	4040073	300.000	Ft
0185	Underdrain Outlet, 6 inch	4040093	220.000	Ft
0190	Underdrain, Outlet Ending, 6 inch	4040113	16.000	Ea
0195	Cold Milling HMA Surface	5010002	1,225.000	Syd
0200	Bump Grinding	5010004	200.000	Syd
0205	HMA Surface, Rem	5010005	9,430.000	Syd
0210	HMA Quality Initiative	5010007	9,880.000	Dlr
0215	Longit Joint Density Quality Initiative	5010018	30,800.000	Dlr
0220	HMA Approach	5010061	27.000	Ton
0225	HMA, 3EML	5012013	2,102.000	Ton
0230	HMA, 4EML	5012025	1,410.000	Ton
0235	HMA, 5EML	5012037	1,401.000	Ton
0240	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0245	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0250	Guardrail Post, Culv	8070070	3.000	Ea
0255	Guardrail, Salv	8070075	610.000	Ft
0260	Guardrail Reflector	8070080	12.000	Ea
0265	Guardrail, Long Span, Det MGS-2	8072122	3.000	Ea
0270	Guardrail, Curved, Type B-CRT	8072154	13.000	Ft
0275	Guardrail, Type B, 72 inch Post	8072171	25.000	Ft
0280	Guardrail, Type MGS-8, 72 inch Post	8072179	213.000	Ft
0285	Guardrail, Type MGS-8, 108 inch Post	8072180	188.000	Ft
0290	Delineator Reflector, Green	8100133	8.000	Ea
0295	Post, Rigid, Delineator	8100361	8.000	Ea
0300	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0305	Sign, Type II, Rem, Salv	8102002	2.000	Ea
0310	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0315	Pavt Mrkg, Waterborne, 4 inch, White	8110231	125,620.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	58,550.000	Ft
0325	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,840.000	Ft
0330	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,840.000	Ft
0335	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,840.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	6,840.000	Ft
0345	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea

0355	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	45.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	45.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	1.000	Ea
0375	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0380	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea
0385	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	143.000	Ft
0390	Sign Cover	8120310	10.000	Ea
0395	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0400	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0405	Sign, Type A, Temp, Prismatic, Furn	8120340	224.000	Sft
0410	Sign, Type A, Temp, Prismatic, Oper	8120341	224.000	Sft
0415	Sign, Type B, Temp, Prismatic, Furn	8120350	1,884.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	1,884.000	Sft
0425	Traf Regulator Control	8120370	1.000	LSUM
0430	Speed Radar Trailer, Temp	8122028	2.000	Ea
0435	Temp Rumble Strips (Orange), Stop Condition	8122186	4,400.000	Ft
0440	Reflective Panel for Temp Sign Support, Furn	8122198	82.000	Ea
0445	Reflective Panel for Temp Sign Support, Oper	8122199	82.000	Ea
0450	Slope Restoration, Non-Freeway, Type F	8162006	13,100.000	Syd
0455	Monument Box	8210001	1.000	Ea
0460	Monument Preservation	8210010	1.000	Ea
0465	Centerline Corrugations, Milled, HMA	8220013	3,422.000	Ft
0470	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	6,850.000	Ft
0475	Contractor Staking	8240001	1.000	LSUM
0480	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr

Section: 2

0485	Structures, Rem (C02 of 54031)	2040060	1.000	LSUM
0490	Embankment, CIP	2050010	449.000	Cyd
0495	Excavation, Channel	2050015	600.000	Cyd
0500	Backfill, Structure, CIP	2060002	2,022.000	Cyd
0505	Excavation, Fdn	2060010	2,085.000	Cyd
0510	_ Liner, PVC, 30 mil, Spec	2087011	292.000	Syd
0515	Geotextile, Separator, Non-Woven	3082000	890.000	Syd
0520	Culv End Sect, Metal, 42 inch	4010101	1.000	Ea
0525	Culv, CI A, 42 inch	4010137	81.000	Ft
0530	_ Culv, Alum Multi-Plate Pipe Arch, 12 foot 11 inch by 7 foot 6 inch	4017001	53.000	Ft
0535	Underdrain, Fdn, 4 inch	4040031	240.000	Ft
0540	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0545	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0550	Culv Bedding, Box Culv	4060005	154.000	Cyd

0555	Culv, Precast Conc Box, 12 foot by 8 foot	4060149	68.000	Ft
0560	Steel Sheet Piling, Temp	7040002	438.000	Sft
0565	Cofferdams (C02 of 54031)	7040007	1.000	LSUM
0570	Cofferdams (C03 of 54031)	7040007	1.000	LSUM
0575	Cofferdams, Left in Place (C03 of 54031)	7040009	1.000	LSUM
0580	Reinforcement, Steel, Epoxy Coated	7060092	126.000	Lb
0585	_ Silane Treatment	7107010	588.000	Sft
0590	Riprap, Plain	8130011	677.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 220902 007**Letting Date:** September 2, 2022**Contract ID:** 77052-214533**Description:** Bridge rehabilitation including hydraulic cylinder and tail lock and concrete patching M-29 over the Pine River in the city of St. Clair, St. Clair County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214533A	N/A	N/A	M 77052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$132,300.00	1100001	1.000	LSUM
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0020	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0025	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	70.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	70.000	Ea
0035	Ltg for Night Work	8120160	1.000	LSUM
0040	Minor Traf Devices	8120170	1.000	LSUM
0045	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	1,000.000	Ft
0050	Sign Cover	8120310	4.000	Ea
0055	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0060	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0065	Sign, Type B, Temp, Prismatic, Furn	8120350	930.000	Sft
0070	Sign, Type B, Temp, Prismatic, Oper	8120351	930.000	Sft
0075	Pedestrian Ramp, Temp	8122251	2.000	Ea

Section: 2

0080	_ Maintaining Navigation (B02 of 77052)	1077051	1.000	LSUM
0085	Conc, Low Temperature Protection	7060020	2.000	Cyd
0090	Conc, Grade 4500HP	7062004	2.000	Cyd
0095	Hand Chipping, Other Than Deck	7120007	35.000	Cft
0100	_ Adjustment of Counterweight Balance (B02 of 77052)	8007051	1.000	LSUM
0105	_ Bascule Bridge Mechanical Rehabilitation (B02 of 77052)	8007051	1.000	LSUM
0110	_ Counterweight Balance Calculations (B02 of 77052)	8007051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 220902 008**Letting Date:** September 2, 2022**Contract ID:** 73021-202607**Description:** 22.96 mi of non-freeway sign upgrading on M-57 from the west Saginaw County line to M-13, Saginaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202607A	22A0793	N/A	STG 73021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$24,900.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	6.000	Ea
0015	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	36.000	Ea
0020	Fdn, Wood Support, Rem	8100280	38.000	Ea
0025	Installing MDOT Supplied Sign, Type III	8100302	37.000	Ea
0030	Perforated Steel Square Tube Breakaway System	8100330	6.000	Ea
0035	Post Hole Through Conc for Steel Post	8100340	25.000	Ea
0040	Post Hole Through Conc for Wood Post	8100341	5.000	Ea
0045	Post, Flexible, Delineator	8100360	18.000	Ea
0050	Post, Steel, 3 pound	8100371	10,637.000	Ft
0055	Post, Wood, 4 inch by 6 inch	8100380	408.000	Ft
0060	Post, Wood, 6 inch by 8 inch	8100382	556.000	Ft
0065	Sign, Type II, Rem	8100397	69.000	Ea
0070	Sign, Type IIA	8100398	766.000	Sft
0075	Sign, Type IIB	8100399	62.000	Sft
0080	Sign, Type III, Erect, Salv	8100402	28.000	Ea
0085	Sign, Type III, Rem	8100403	512.000	Ea
0090	Sign, Type IIIA	8100404	1,022.000	Sft
0095	Sign, Type IIIB	8100405	2,344.000	Sft
0100	Sign, Type V, Rem	8100421	5.000	Ea
0105	Sign, Type VA	8100424	24.000	Sft
0110	Sign, Type VB	8100425	336.000	Sft
0115	Reflective Panel for Permanent Sign Support, 3 foot	8100613	111.000	Ea
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	247.000	Ea
0125	Sign, Type III, Rem, Salv	8102003	20.000	Ea
0130	Ground Mtd Sign Support, Rem	8102010	590.000	Ea
0135	_ Hand Digging Sign Post	8107050	75.000	Ea

0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Mobile Attenuator	8120180	2.000	Ea
0170	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0175	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0180	Sign Cover	8120310	24.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	1,234.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,234.000	Sft
0195	Traf Regulator Control	8120370	1.000	LSUM
0200	Contractor Staking	8240001	1.000	LSUM
0205	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 220902 009**Letting Date:** September 2, 2022**Contract ID:** 52042-201201

Description: 6.22 mi of hot mix asphalt shallow depth cold milling and resurfacing, full depth joint repairs, add left turn lanes, truck loon construction, signal upgrades, drainage and pavement markings on US-41/M-28 from east of Iroquois Drive to east of Northwoods Drive and from west of Heritage Drive to east of Pond Road, Marquette County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201201A	22A0790	N/A	NH 52042
201944A	22A0791	N/A	HSIP 52042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Lake Superior and Ishpeming Railroad	1027060	500.000	Dlr
0010	_ Railroad Protection, Lake Superior and Ishpeming Railroad	1027060	500.000	Dlr
0015	Mobilization, Max \$575,000.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0025	Culv, Rem, Less than 24 inch	2030001	7.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0035	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	230.000	Ft
0045	Curb and Gutter, Rem	2040020	35.000	Ft
0050	Guardrail, Rem	2040035	319.000	Ft
0055	Backfill, Swamp	2050001	395.000	Cyd
0060	Ditch Cleanout	2050006	7.000	Sta
0065	Embankment, CIP	2050010	1,005.000	Cyd
0070	Excavation, Earth	2050016	4,885.000	Cyd
0075	Excavation, Peat	2050017	395.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	41.000	Ea
0090	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0095	Erosion Control, Sediment Trap	2080034	10.000	Ea
0100	Erosion Control, Silt Fence	2080036	500.000	Ft
0105	Subbase, CIP	3010002	5,293.000	Cyd
0110	Aggregate Base, 6 inch	3020016	10,585.000	Syd
0115	Approach, CI II	3070021	84.000	Ton
0120	Shld, CI II	3070121	1,681.000	Ton

0125	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0130	Culv End Sect, Footing	4010072	1.000	Ea
0135	Culv, CI A, 24 inch	4010134	8.000	Ft
0140	Culv, CI E, 18 inch	4010541	648.000	Ft
0145	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	20.000	Ea
0150	_ Culv Cleanout	4017001	50.000	Ft
0155	Video Taping Sewer and Culv Pipe	4021275	656.000	Ft
0160	Dr Structure Cover, Adj, Case 1	4030005	41.000	Ea
0165	Dr Structure, Cleaning	4030290	41.000	Ea
0170	Dr Structure, Tap, 6 inch	4030306	1.000	Ea
0175	_ Dr Structure Repr, Add Depth, Flexible Pavt	4037001	24.000	Ft
0180	_ Polyurethane Foam, Dr Structures, Add Depth	4037001	143.000	Ft
0185	_ Polyurethane Foam, External Void Fill	4037030	50.000	Lb
0190	_ Dr Structure Repr, Flexible Pavt	4037050	6.000	Ea
0195	_ Polyurethane Foam, Dr Structures	4037050	41.000	Ea
0200	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	200.000	Ft
0205	Underdrain Outlet, 6 inch	4040093	5.000	Ft
0210	Video Inspection of Underdrain	4040200	200.000	Ft
0215	Cold Milling HMA Surface	5010002	282,834.000	Syd
0220	Bump Grinding	5010004	100.000	Syd
0225	HMA Surface, Rem	5010005	8,515.000	Syd
0230	HMA Quality Initiative	5010007	66,636.000	Dlr
0235	Longit Joint Density Quality Initiative	5010018	161,875.000	Dlr
0240	Hand Patching	5010025	5,452.000	Ton
0245	HMA Approach	5010061	191.000	Ton
0250	HMA, 4EML	5012025	2,206.000	Ton
0255	HMA, 5EML	5012037	25,469.000	Ton
0260	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	14,439.000	Ft
0265	Membrane, Preformed Waterproofing	7100008	485.000	Sft
0270	Curb and Gutter, Conc, Det B2	8020016	35.000	Ft
0275	Curb and Gutter, Conc, Det D2	8020031	902.000	Ft
0280	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0285	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0290	Guardrail Reflector	8070080	4.000	Ea
0295	Post, Mailbox	8070095	5.000	Ea
0300	Guardrail Height, Adj	8070100	150.000	Ft
0305	Guardrail, Type MGS-8, 108 inch Post	8072180	35.000	Ft
0310	Delineator Reflector, Green	8100133	57.000	Ea
0315	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	80.000	Ea
0320	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	30.000	Ea
0325	Fdn, Wood Support, Rem	8100280	53.000	Ea
0330	Installing MDOT Supplied Sign, Type II	8100301	3.000	Ea
0335	Installing MDOT Supplied Sign, Type III	8100302	5.000	Ea

0340	Delineator, Rem	8100349	100.000	Ea
0345	Post, Flexible, Delineator	8100360	110.000	Ea
0350	Post, Rigid, Delineator	8100361	57.000	Ea
0355	Post, Steel, 3 pound	8100371	1,020.000	Ft
0360	Post, Wood, 4 inch by 6 inch	8100380	1,310.000	Ft
0365	Post, Wood, 6 inch by 8 inch	8100382	94.000	Ft
0370	Sign, Type II, Rem	8100397	11.000	Ea
0375	Sign, Type IIA	8100398	109.000	Sft
0380	Sign, Type IIB	8100399	32.000	Sft
0385	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0390	Sign, Type III, Rem	8100403	118.000	Ea
0395	Sign, Type IIIA	8100404	748.000	Sft
0400	Sign, Type IIIB	8100405	416.000	Sft
0405	Reflective Panel for Permanent Sign Support, 3 foot	8100613	38.000	Ea
0410	Reflective Panel for Permanent Sign Support, 6 foot	8100616	29.000	Ea
0415	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0420	Ground Mtd Sign Support, Rem	8102010	71.000	Ea
0425	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	1,555.000	Ft
0430	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	506.000	Ft
0435	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	52.000	Ft
0440	Pavt Mrkg, Waterborne, 6 inch, White	8110233	85,000.000	Ft
0445	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	64,700.000	Ft
0450	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	85,000.000	Ft
0455	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	64,700.000	Ft
0460	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0465	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	22.000	Ea
0470	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0475	Recessing Pavt Mrkg, Longit	8110450	150,905.000	Ft
0480	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0485	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0490	Ltg for Night Work	8120160	1.000	LSUM
0495	Minor Traf Devices	8120170	1.000	LSUM
0500	Plastic Drum, Fluorescent, Furn	8120252	690.000	Ea
0505	Plastic Drum, Fluorescent, Oper	8120253	690.000	Ea
0510	Sign Cover	8120310	20.000	Ea
0515	Sign, Type B, Temp, Prismatic, Furn	8120350	1,827.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	1,827.000	Sft
0525	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0535	Traf Regulator Control	8120370	1.000	LSUM
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,600.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,620.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	72,118.000	Ft

0555	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	32,800.000	Ft
0560	Slope Restoration, Non-Freeway, Type A	8162001	463.000	Syd
0565	Slope Restoration, Non-Freeway, Type B	8162002	1,274.000	Syd
0570	Slope Restoration, Non-Freeway, Type C	8162003	578.000	Syd
0575	Metered Serv	8182338	1.000	Ea
0580	Metered Serv, Rem	8182339	1.000	Ea
0585	Wood Pole, CI 4, 50 foot	8182353	2.000	Ea
0590	Wood Pole, Rem	8182363	3.000	Ea
0595	Serv Disconnect	8182366	1.000	Ea
0600	Serv Disconnect, Rem	8182367	1.000	Ea
0605	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	2.000	Ea
0610	Case Sign, Rem	8200020	2.000	Ea
0615	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0620	Controller and Cabinet, Rem	8200030	1.000	Ea
0625	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0630	Span Wire	8200140	1.000	Ea
0635	Span Wire, Rem	8200141	1.000	Ea
0640	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0645	TS, Two Way Span Wire Mtd, One Sect (LED)	8200291	2.000	Ea
0650	Monument Box Adj	8210005	4.000	Ea
0655	Protect Corners	8210020	4.000	Ea
0660	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	132,400.000	Ft
0665	Contractor Staking	8240001	1.000	LSUM
0670	Staking Plan Errors and Extras, Max \$180/hour	8240002	59.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 220902 010**Letting Date:** September 2, 2022**Contract ID:** 43000-212456**Description:** Bridge removal and replacement with prestressed concrete box beams and approach work on 8th Street over the Baldwin River in the village of Baldwin, Lake County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212456A	22A0672	N/A	BRT 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$125,300.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	255.000	Ft
0015	Embankment, CIP	2050010	775.000	Cyd
0020	Excavation, Earth	2050016	200.000	Cyd
0025	Erosion Control, Silt Fence	2080036	704.000	Ft
0030	Subbase, CIP	3010002	450.000	Cyd
0035	Aggregate Base, 6 inch	3020016	1,350.000	Syd
0040	Open-Graded Dr Cse, CIP	3030030	53.000	Cyd
0045	Aggregate Surface Cse, 6 inch	3060010	250.000	Syd
0050	Shld, CI II, CIP	3070122	39.000	Cyd
0055	Geotextile, Separator	3080005	157.000	Syd
0060	HMA Surface, Rem	5010005	1,462.000	Syd
0065	HMA, 3EML	5012013	223.000	Ton
0070	HMA, 4EML	5012025	85.000	Ton
0075	HMA, 5EML	5012037	149.000	Ton
0080	Conc Pavt, Bridge Approach, Reinf	6020600	157.000	Syd
0085	_ Curb and Gutter, Bridge Approach, Det 4A, Modified	8027001	110.000	Ft
0090	Curb Slp, HMA	8050010	195.000	Ft
0095	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0100	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0105	Guardrail Anch, Bridge, Det M7	8070136	2.000	Ea
0110	Guardrail Anch, Bridge, Det M7, Curved	8072042	2.000	Ea
0115	Pavt Mrkg, Waterborne, 6 inch, White	8110233	960.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	960.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	960.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	960.000	Ft
0135	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	400.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea

0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0165	Sign Cover	8120310	5.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0175	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	356.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	356.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	174.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	174.000	Sft
0200	Riprap, Plain	8130010	142.000	Syd
0205	Slope Restoration, Non-Freeway, Type B	8162002	334.000	Syd
0210	Contractor Staking	8240001	1.000	LSUM
0215	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr

Section: 2

0220	Structures, Rem (Str No. 5299)	2040060	1.000	LSUM
0225	Backfill, Structure, CIP	2060002	550.000	Cyd
0230	Excavation, Fdn	2060010	1,300.000	Cyd
0235	Underdrain, Fdn, 4 inch	4040031	145.000	Ft
0240	Underdrain Outlet, 4 inch	4040091	32.000	Ft
0245	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0250	Cofferdams (Str No. 5299)	7040007	1.000	LSUM
0255	Cofferdams, Left in Place (Str No. 5299)	7040009	1.000	LSUM
0260	Pile Driving Equipment, Furn (Str No. 5299)	7050002	1.000	LSUM
0265	Pile, Steel, Furn and Driven, 12 inch	7050030	3,070.000	Ft
0270	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0275	Pile, Steel, Splice	7050050	42.000	Ea
0280	Bridge Ltg, Furn and Rem (Str No. 5299)	7060001	1.000	LSUM
0285	Bridge Ltg, Oper and Maintain	7060002	36.000	Cyd
0290	False Decking	7060060	800.000	Sft
0295	Reinforcement, Steel, Epoxy Coated	7060092	24,364.000	Lb
0300	Substructure Conc	7060100	238.000	Cyd
0305	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str No. 5299)	7060112	1.000	LSUM
0310	Superstructure Conc, Night Casting	7060113	36.000	Cyd
0315	Water Repellent Treatment, Penetrating	7060140	80.000	Syd
0320	Sealing Localized Cracks (Str No. 5299)	7060220	1.000	LSUM
0325	Conc, Grade 3500	7062001	264.000	Cyd
0330	Bearing, Elastomeric, 3/4 inch	7070011	4,548.000	Sin
0335	Prest Conc Deck, 21 inch	7080003	1,688.000	Sft
0340	Joint Waterproofing	7100001	132.000	Sft

0345	Joint Waterproofing, Expansion	7100003	124.000	Sft
0350	_ Silane Treatment	7107010	500.000	Sft
0355	Bridge Railing, Aesthetic Parapet Tube	7110005	100.000	Ft
0360	Structure Survey During Construction (Str No. 5299)	8240020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 220902 011**Letting Date:** September 2, 2022**Contract ID:** 33000-203624

Description: 3.43 mi of hot mix asphalt cold milling and resurfacing, install pedestrian island and shared-use path, concrete sidewalk gap construction and ramp upgrades and pavement markings on Haslett Road from Deerpath Lane to Merritt Road, Burcham Drive from Abbot Road to Timberlane Street and at Marble Elementary and MacDonald Middle schools in the city of East Lansing, Ingham County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203624A	22A0678	N/A	TAU 33000
205864A	22A0679	N/A	ST 33000
210609A	22A0683	N/A	TA 33000
213828A	22A0682	N/A	TAU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$154,900.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	8.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	8.000	Ea
0020	Dr Structure, Rem	2030011	15.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	310.000	Ft
0030	Curb and Gutter, Rem	2040020	2,532.000	Ft
0035	Pavt, Rem	2040050	230.000	Syd
0040	Sidewalk, Rem	2040055	847.000	Syd
0045	Embankment, CIP	2050010	29.000	Cyd
0050	Excavation, Earth	2050016	653.000	Cyd
0055	Erosion Control, Silt Fence	2080036	3,870.000	Ft
0060	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	55.000	Ea
0065	Project Cleanup	2090001	1.000	LSUM
0070	_ Aggregate Base, 12 inch, CIP, Modified	3027011	819.000	Syd
0075	_ Aggregate Base, 4 inch, CIP, Modified	3027011	1,954.000	Syd
0080	_ Aggregate Base, 8 inch, CIP, Modified	3027011	489.000	Syd
0085	Aggregate Surface Cse, 6 inch	3060010	13.000	Syd
0090	Maintenance Gravel	3060020	400.000	Ton
0095	Sewer, CI IV, 12 inch, Tr Det B	4020987	117.000	Ft
0100	Sewer, CI IV, 24 inch, Tr Det B	4020993	4.000	Ft
0105	_ Abandon Existing 10 inch Sewer	4027001	417.000	Ft
0110	_ Abandon Existing 8 inch Sewer	4027001	108.000	Ft

0115	_ Sanitary Sewer, SDR 26, 15 inch, Tr Det B	4027001	4.000	Ft
0120	_ Sewer, PVC, 12 inch, Tr Det B	4027001	188.000	Ft
0125	_ Sewer, PVC, 8 inch, Tr Det B	4027001	31.000	Ft
0130	_ Sanitary Manhole, 48 inch dia	4027050	1.000	Ea
0135	Dr Structure Cover, Adj, Case 1	4030005	63.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0145	Dr Structure Cover, Type G	4030040	2.000	Ea
0150	Dr Structure Cover, Type K	4030050	20.000	Ea
0155	Dr Structure Cover, Type R	4030070	4.000	Ea
0160	Dr Structure, 48 inch dia	4030210	13.000	Ea
0165	Dr Structure, Adj, Add Depth	4030280	15.000	Ft
0170	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0175	Dr Structure, Temp Lowering	4030390	61.000	Ea
0180	_ Dr Structure Cover, Type Q, Modified	4037050	45.000	Ea
0185	Cold Milling HMA Surface	5010002	39,906.000	Syd
0190	HMA Surface, Rem	5010005	1,537.000	Syd
0195	Hand Patching	5010025	337.000	Ton
0200	HMA, 13A	5010033	4,518.000	Ton
0205	HMA Approach	5010061	62.000	Ton
0210	_ Driveway, Nonreinf Conc, 6 inch, Modified	8017011	323.000	Syd
0215	_ Curb and Gutter, Conc, Det F4, Modified	8027001	2,453.000	Ft
0220	_ Curb and Gutter, Conc, Det F6, Modified	8027001	123.000	Ft
0225	_ Driveway Opening, Conc, Det M, Modified	8027001	130.000	Ft
0230	_ Concrete Lateral Wall, 2 to 10 Inch Height	8037001	56.000	Ft
0235	_ Detectable Warning Surface, Modified	8037010	1,200.000	Sft
0240	_ Sidewalk, Conc, 4 inch, Modified	8037010	11,012.000	Sft
0245	_ Sidewalk, Conc, 6 inch, Modified	8037010	6,645.000	Sft
0250	Shared use Path, Conc	8060020	1,773.000	Syd
0255	Shared use Path, Grading	8060030	1,601.000	Ft
0260	Post, Mailbox	8070095	1.000	Ea
0265	Post, Steel, 3 pound	8100371	640.000	Ft
0270	Sign, Type III, Rem	8100403	34.000	Ea
0275	Sign, Type IIIB	8100405	410.000	Sft
0280	Reflective Panel for Permanent Sign Support, 6 foot	8100616	41.000	Ea
0285	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	3,800.000	Ft
0290	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	416.000	Ft
0295	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	39.000	Ea
0300	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0305	Pavt Mrkg, Ovly Cold Plastic, School	8110074	5.000	Ea
0310	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	17,885.000	Ft
0315	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	23,030.000	Ft
0320	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	34.000	Ea
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0330	Barricade, Type III, High Intensity, Double Sided,	8120013	16.000	Ea

	Lighted, Oper			
0335	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0340	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0345	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0355	Plastic Drum, Fluorescent, Furn	8120252	330.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	330.000	Ea
0365	Sign Cover	8120310	31.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	610.000	Sft
0375	Sign, Type B, Temp, Prismatic, Oper	8120351	610.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	305.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	305.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0395	Site Preparation, Max \$2,000.00	8150001	1.000	LSUM
0400	Watering and Cultivating, First Season, Min \$1,000.00	8150002	1.000	LSUM
0405	Watering and Cultivating, 2nd Season, Min \$1,200.00	8150003	1.000	LSUM
0410	Acer rubrum 'Bowhall', 2 inch	8150142	4.000	Ea
0415	Gleditsia triacanthos inermis 'Skyline', 2 inch	8151660	4.000	Ea
0420	Platanus x acerifolia, 2 inch	8152891	4.000	Ea
0425	_ Slope Restoration, Modified	8167011	4,682.000	Syd
0430	Conduit, DB, 1, 1 1/2 inch	8182048	40.000	Ft
0435	Pedestal, Alum	8200100	9.000	Ea
0440	Pedestal, Fdn	8200105	10.000	Ea
0445	Pedestal, Pushbutton, Alum	8200118	2.000	Ea
0450	Pushbutton and Sign	8200121	9.000	Ea
0455	_ Flsh Beacon, Rectangular Rapid, Solar Power	8207050	12.000	Ea
0460	Hydrant, Relocate, Case 2	8230096	2.000	Ea
0465	Water Shutoff, Adj, Temp, Case 2	8230382	1.000	Ea
0470	Gate Box, Adj, Temp, Case 1	8230391	35.000	Ea
0475	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0480	Gate Box, Adj, Case 1	8230431	35.000	Ea
0485	Gate Box, Adj, Case 2	8230432	1.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 012**Letting Date:** September 2, 2022**Contract ID:** 78000-207719

Description: Bridge rehabilitation including hot mix asphalt resurfacing, concrete patching, railing repairs, epoxy overlay, slope repairs, concrete surface coating, joint replacement and guardrail work on 5th Avenue over Portage River, West Broadway Street over St. Joseph River and West Hoffman Street over Rocky River in the city of Three Rivers, St. Joseph County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207719A	22A0704	N/A	BHT 78000
209848A	22A0680	N/A	BHT 78000
209849A	22A0681	N/A	BHT 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$71,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	100.000	Ft
0015	Guardrail, Rem	2040035	160.000	Ft
0020	Sidewalk, Rem	2040055	12.000	Syd
0025	Excavation, Earth	2050016	60.000	Cyd
0030	Aggregate Base, Conditioning	3020050	940.000	Syd
0035	Shld, CI II, 5 inch	3070127	45.000	Syd
0040	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0045	Dr Structure Cover, Type K	4030050	4.000	Ea
0050	HMA Surface, Rem	5010005	940.000	Syd
0055	HMA, 13A	5010033	350.000	Ton
0060	_ HMA Surface, Rem, Mod	5017011	632.000	Syd
0065	Curb and Gutter, Conc, Det F4	8020038	100.000	Ft
0070	Sidewalk, Conc, 6 inch	8030046	90.000	Sft
0075	Guardrail, Curved, Type T	8070011	25.000	Ft
0080	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0085	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0090	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0095	_ Guardrail Anch, Bridge, Det M1, Mod	8077050	4.000	Ea
0100	_ Guardrail Approach Terminal, Type 2M, Mod	8077050	1.000	Ea
0105	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	700.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	700.000	Ft
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea

0125	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0140	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0145	Sign Cover	8120310	30.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,116.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,116.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	230.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	230.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Mulch Blanket	8160027	120.000	Syd
0180	_ Turf Restoration	8167011	120.000	Syd

Section: 2

0185	Erosion Control, Silt Fence	2080036	200.000	Ft
0190	Erosion Control, Turbidity Curtain, Shallow	2080044	100.000	Ft
0195	False Decking	7060060	18,814.000	Sft
0200	_ Sidewalk Cover Plate, Rem and Reinstall	7067050	1.000	Ea
0205	Membrane, Preformed Waterproofing	7100008	5,684.000	Sft
0210	Conc Surface Coating	7100011	1,910.000	Syd
0215	Hand Chipping, Other Than Deck	7120007	17.000	Cft
0220	Patch, Forming	7120017	35.000	Sft
0225	Epoxy Ovly	7120020	835.000	Syd
0230	_ Grout Repair	7127001	1,500.000	Ft
0235	_ Box Beam Surface Grouting	7127010	3,000.000	Sft
0240	_ Patching Conc, M, Mod	7127020	17.000	Cft
0245	Riprap, Heavy	8130006	85.000	Ton
0250	Riprap, Plain	8130011	30.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 220902 013**Letting Date:** September 2, 2022**Contract ID:** 81000-212304

Description: Bridge rehabilitation including deck patching, shallow overlay, pier cap and bearing replacement and approach work on Forest Avenue over the Huron River in the city of Ypsilanti, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212304A	22A0640	N/A	BHT 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	90,000.000	Dlr
0010	Mobilization, Max \$133,600.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	101.000	Ft
0020	Sidewalk, Rem	2040055	55.000	Syd
0025	Embankment, CIP	2050010	6.000	Cyd
0030	Excavation, Earth	2050016	43.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0040	Erosion Control, Silt Fence	2080036	500.000	Ft
0045	Erosion Control, Turbidity Curtain, Shallow	2080044	150.000	Ft
0050	Aggregate Base, 4 inch	3020010	82.000	Syd
0055	Cold Milling HMA Surface	5010002	96.000	Syd
0060	HMA Surface, Rem	5010005	215.000	Syd
0065	HMA, 5EL	5012036	10.000	Ton
0070	Conc Pavt, Bridge Approach, Reinf	6020600	179.000	Syd
0075	Curb and Gutter, Conc, Det F3	8020037	103.000	Ft
0080	Sidewalk, Conc, 4 inch	8030044	733.000	Sft
0085	Fence, Protective	8080007	600.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0095	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	300.000	Ft
0100	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	300.000	Ft
0105	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0110	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	300.000	Ft
0115	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	300.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0130	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea

0135	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0140	Ltg for Night Work	8120160	1.000	LSUM
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	600.000	Ft
0155	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0165	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	80.000	Ft
0170	Sign Cover	8120310	10.000	Ea
0175	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	900.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	900.000	Sft
0205	Pedestrian Ramp, Temp	8122251	2.000	Ea
0210	Slope Restoration, Non-Freeway, Type A	8162001	90.000	Syd

Section: 2

0215	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0220	Expansion Joint Device	7060050	64.000	Ft
0225	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0230	False Decking	7060060	7,043.000	Sft
0235	Reinforcement, Steel, Epoxy Coated	7060092	18,851.000	Lb
0240	Conc, Grade 3500	7062001	14.000	Cyd
0245	Conc, Grade 4500	7062003	58.000	Cyd
0250	Bearing, Elastomeric, 1 inch	7070012	304.000	Sin
0255	Bearing, Elastomeric, 1 3/4 inch	7070015	2,024.000	Sin
0260	Scarifying	7120001	783.000	Syd
0265	Hand Chipping, Deep	7120004	79.000	Syd
0270	Hand Chipping, Other Than Deck	7120007	367.000	Cft
0275	Patch, Full Depth	7120010	14.000	Cyd
0280	Patch, Forming	7120017	348.000	Sft
0285	Bridge Deck Surface Construction	7120025	784.000	Syd
0290	Conc, Silica Fume Modified	7120027	66.000	Cyd
0295	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	192.000	Ea
0300	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	198.000	Ea
0305	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	62.000	Ea
0310	Structures, Rehabilitation, Rem Portions (SN 11090)	7120070	1.000	LSUM
0315	Deck Joint, Rem	7120071	64.000	Ft
0320	Hydrodemolition, First Pass	7120076	783.000	Syd
0325	Hydrodemolition, 2nd Pass	7120077	32.000	Syd
0330	Patching Conc, C-L	7120112	2.000	Cyd
0335	Embedded Galvanic Anode	7120120	367.000	Ea

0340	Hand Chipping, Full Depth	7122000	34.000	Cft
0345	_ Support, Temp, Special	7137051	1.000	LSUM
0350	_ Clean and Coat Steel Bearings	7157050	18.000	Ea
0355	Slope Paving Header	8130015	30.000	Ft
0360	Slope Paving, Conc	8130020	40.000	Syd
0365	_ Utility Protection	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 220902 014**Letting Date:** September 2, 2022**Contract ID:** 81000-205591

Description: 0.83 mi of hot mix asphalt resurfacing, fill concrete sidewalk gaps on north side, enhance pedestrian crossings and pavement markings on Scio Church Road from Seventh Street to Maple Road 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
205591A	22A0722	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio-Visual Recording	1047051	1.000	LSUM
0010	Mobilization, Max \$173,300.00	1100001	1.000	LSUM
0015	Clearing	2010001	1.000	Acre
0020	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0025	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	10.000	Ea
0035	Dr Structure, Rem	2030011	6.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	116.000	Ft
0045	Sewer, Rem, Over 48 inch	2030017	32.000	Ft
0050	Curb and Gutter, Rem	2040020	2,000.000	Ft
0055	_ Concrete Pavement, Any Thickness, Rem, Modified	2047011	770.000	Syd
0060	_ Sidewalk, Rem, Modified	2047011	400.000	Syd
0065	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0070	Flowable Fill, Non-Structural	2050148	30.000	Cyd
0075	_ Sidewalk Grading	2057001	1,050.000	Ft
0080	_ Machine Grading, Modified	2057011	16,000.000	Syd
0085	_ Sidewalk Ramp Grading	2057050	6.000	Ea
0090	Erosion Control, Silt Fence	2080036	450.000	Ft
0095	_ Erosion Control, Inlet Filter	2087050	35.000	Ea
0100	Subbase, CIP	3010002	1,400.000	Cyd
0105	Aggregate Base	3020001	1,900.000	Ton
0110	Aggregate Base, 6 inch	3020016	75.000	Syd
0115	Aggregate Base, 8 inch	3020020	4,100.000	Syd
0120	_ 21AA Limestone - C.I.P.	3027021	100.000	Cyd
0125	Aggregate, Filler	3040010	1,600.000	Ton
0130	Aggregate Surface Cse	3060006	150.000	Ton
0135	Maintenance Gravel, LM	3060021	100.000	Cyd

0140	_ Infiltration Trench	4017021	570.000	Cyd
0145	Sewer, CI IV, 12 inch, Tr Det B	4020987	116.000	Ft
0150	Sewer, CI IV, 42 inch, Tr Det B	4020996	32.000	Ft
0155	Sewer, CI IV, 60 inch, Tr Det B	4020999	32.000	Ft
0160	Sewer Tap, 12 inch	4021204	1.000	Ea
0165	Sewer Tap, 42 inch	4021210	1.000	Ea
0170	Sewer Tap, 60 inch	4021213	1.000	Ea
0175	Dr Structure Cover, Adj, Case 1	4030005	48.000	Ea
0180	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0185	Dr Structure Cover, Type K	4030050	20.000	Ea
0190	Dr Structure Cover, Type Q	4030065	32.000	Ea
0195	Dr Structure, 24 inch dia	4030200	8.000	Ea
0200	Dr Structure, 48 inch dia	4030210	1.000	Ea
0205	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	10.000	Ft
0210	Dr Structure, 96 inch dia	4030234	1.000	Ea
0215	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	10.000	Ft
0220	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	10.000	Ft
0225	_ Adjust Monument Box or Valve Box	4037050	14.000	Ea
0230	_ Adjust Traffic Signal Box	4037050	2.000	Ea
0235	_ Dr Structure, 36 inch	4037050	1.000	Ea
0240	Underdrain, Edge of Pavt, 12 inch	4040021	8,800.000	Ft
0245	Underdrain, Subbase, 6 inch	4040063	100.000	Ft
0250	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0255	Cold Milling HMA Surface	5010002	21,000.000	Syd
0260	HMA Surface, Rem	5010005	70.000	Syd
0265	Pavt Joint and Crack Repr, Det 7	5010020	200.000	Ft
0270	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0275	Hand Patching	5010025	45.000	Ton
0280	HMA, 3C	5010031	2,400.000	Ton
0285	HMA Approach	5010061	24.000	Ton
0290	HMA, 4EML	5012025	4,790.000	Ton
0295	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	660.000	Syd
0300	Joint, Contraction, Cp	6020200	400.000	Ft
0305	Joint, Expansion, E2	6020207	150.000	Ft
0310	Joint, Plane-of-Weakness, W	6020211	35.000	Ft
0315	Cement	6030005	10.000	Ton
0320	Crack Sealing, Conc Pavt	6030010	120.000	Ft
0325	Joint, Expansion, Erg	6030021	33.000	Ft
0330	Joint, Tied, Trg	6030023	31.000	Ft
0335	Lane Tie, Epoxy Anchored	6030030	180.000	Ea
0340	Saw Cut, Intermediate	6030090	100.000	Ft
0345	Resealing Trans Joints with Hot-Poured Rubber	6030100	120.000	Ft
0350	Resealing Longit Joints with Hot-Poured Rubber	6030101	120.000	Ft

0355	Pipe Sleeve, 8 inch	7060070	1.000	Ea
0360	_ Rub Rail	7097001	45.000	Ft
0365	Patching Mortar or Conc	7120016	1.000	Cft
0370	_ Curb and Gutter, Conc, Det F4, Special	8027001	1,650.000	Ft
0375	_ Driveway Opening, Conc, Detail M, P-NC	8027001	65.000	Ft
0380	_ Integral Sidewalk Retaining Wall, 6 inch to 18 inch	8027010	20.000	Sft
0385	_ Integral Sidewalk Retaining Wall, under 6 inch	8027010	30.000	Sft
0390	_ Spillway, Conc, Modified	8027050	8.000	Ea
0395	Curb Ramp Opening, Conc	8030030	72.000	Ft
0400	_ Concrete Drive Approach, Non-Reinforced, P-NC, 6 inch	8037010	300.000	Sft
0405	_ Detectable Warning Tiles	8037010	144.000	Sft
0410	_ Sidewalk Ramp, Concrete, 6 inch, P-NC, ADA, Modified	8037010	350.000	Sft
0415	_ Sidewalk, Concrete, 4 inch, Special	8037010	8,200.000	Sft
0420	_ Sidewalk, Concrete, 6 inch, Special	8037010	690.000	Sft
0425	Guardrail, Salv	8070075	30.000	Ft
0430	Post, Mailbox	8070095	6.000	Ea
0435	Guardrail, Reconst, Type B	8070105	20.000	Ft
0440	Fence, Protective	8080007	800.000	Ft
0445	Post Hole Through Conc for Steel Post	8100340	12.000	Ea
0450	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0455	Pavt Mrkg, Polyurea, 4 inch, White	8110091	6,800.000	Ft
0460	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	9,200.000	Ft
0465	Pavt Mrkg, Polyurea, 6 inch, White	8110094	8,700.000	Ft
0470	Pavt Mrkg, Polyurea, Bike, Large Sym	8110104	1.000	Ea
0475	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	15.000	Ea
0480	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	52.000	Ft
0485	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,450.000	Ft
0490	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	170.000	Ft
0495	Pavt Mrkg, Polyurea, Sharrow Sym	8110115	1.000	Ea
0500	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0505	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0510	Recessing Pavt Mrkg, Longit	8110450	23,800.000	Ft
0515	Recessing Pavt Mrkg, Transv	8110451	2,050.000	Sft
0520	Recessing Pavt Mrkg, Guide Line	8110453	23,800.000	Ft
0525	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	15.000	Ea
0530	_ Pavt Mrkg, MMA Acrylic, Bike Lane Green	8117010	300.000	Sft
0535	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	53.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	53.000	Ea
0545	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0550	Pedestrian Type II Channelizer, Temp	8120027	12.000	Ft
0555	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	1.000	Ea

0565	Minor Traf Devices	8120170	1.000	LSUM
0570	Part Width Intersection Construction	8120190	2.000	Ea
0575	Pavt Mrkg Cover, Type R, Black	8120200	20.000	Ft
0580	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,000.000	Ft
0585	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	1,450.000	Ft
0590	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	260.000	Ft
0595	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	8,500.000	Ft
0605	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,400.000	Ft
0610	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	210.000	Ft
0615	Plastic Drum, Fluorescent, Furn	8120252	420.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	420.000	Ea
0625	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	105.000	Ft
0630	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	260.000	Ft
0635	Sign Cover	8120310	8.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0645	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0650	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0655	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0665	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0675	Pedestrian Ramp, Temp	8122251	2.000	Ea
0680	_ Temporary Detectable Warning Surface	8127010	20.000	Sft
0685	_ "No Parking" Signs	8127050	100.000	Ea
0690	_ Temporary Audible Message Device	8127050	2.000	Ea
0695	Riprap, Plain	8130010	160.000	Syd
0700	Site Preparation, Max \$20,000.00	8150001	1.000	LSUM
0705	Watering and Cultivating, First Season, Min \$10,000.00	8150002	1.000	LSUM
0710	Watering and Cultivating, 2nd Season, Min \$10,000.00	8150003	1.000	LSUM
0715	Amelanchier canadensis, tree form, 2 inch	8150320	24.000	Ea
0720	Amelanchier x grandifolia 'Robin Hill', 2 inch	8150335	23.000	Ea
0725	Cercis canadensis, tree form, 2 inch	8150808	14.000	Ea
0730	Metasequoia gylptostroboides, 2 inch	8152357	13.000	Ea
0735	Ostrya virginiana, 2 inch	8152528	6.000	Ea
0740	Syringa reticulata 'Ivory Silk', 1 3/4 inch	8153717	6.000	Ea
0745	Fertilizer, Chemical Nutrient, CI A	8160020	170.000	Lb
0750	Mulch Anchoring	8160026	5,500.000	Syd
0755	Mulch Blanket, High Velocity	8160028	5,500.000	Syd

0760	Seeding, Mixture THM	8160039	210.000	Lb
0765	Topsoil Surface, Furn, 4 inch	8160062	5,500.000	Syd
0770	Pedestal, Fdn	8200105	6.000	Ea
0775	_ Rectangular Rapid Flashing Beacon Assembly	8207050	6.000	Ea
0780	Monument Preservation	8210010	2.000	Ea
0785	Live Tap, 8 inch by 12 inch	8230264	1.000	Ea
0790	_ Excavate & Backfill for Water Service Tap and Lead	8237001	460.000	Ft
0795	_ PC 350, D.I. Water Main, w/ Polyethylene Wrap, 8 inch, Tr Det I, Mod	8237001	70.000	Ft
0800	_ Fire Hydrant Assembly Abandonment	8237050	2.000	Ea
0805	_ Fire Hydrant Assembly	8237050	2.000	Ea
0810	_ Reducer, 8 inch x 6 inch	8237050	2.000	Ea
0815	_ Temporary Water Main Line Stop, Additional Rental Day	8237050	4.000	Ea
0820	_ Temporary Water Main Line Stop, Less Than 8 Inch	8237050	4.000	Ea
0825	_ Water Main Pipe Abandonment, Modified	8237051	1.000	LSUM
0830	_ Underground Sprinkling Systems, Restore	8237060	5,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 220902 015**Letting Date:** September 2, 2022**Contract ID:** 15000-205635

Description: 4.42 mi of hot mix asphalt cold milling and resurfacing, guardrail repair, signing and pavement markings on Thumb Lake Road from west of Slashing Road to the east Charlevoix/Otsego County line, Charlevoix County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205635A	22A0708	N/A	STL 15000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$121,700.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	1,500.000	Ft
0015	Aggregate Base	3020001	100.000	Ton
0020	Approach, CI II	3070021	130.000	Ton
0025	Shld, CI II	3070121	2,900.000	Ton
0030	Trenching	3070200	438.000	Sta
0035	Cold Milling HMA Surface	5010002	73,305.000	Syd
0040	HMA Surface, Rem	5010005	1,000.000	Syd
0045	Pavt for Butt Joints, Rem	5010008	300.000	Syd
0050	Hand Patching	5010025	165.000	Ton
0055	HMA Approach	5010061	400.000	Ton
0060	HMA, 5EML	5012037	8,100.000	Ton
0065	Curb Slp, HMA	8050010	3,875.000	Ft
0070	Guardrail, Type B	8070000	1,500.000	Ft
0075	Guardrail Height, Adj	8070100	5,200.000	Ft
0080	Guardrail, Reconst, Type B	8070105	5,200.000	Ft
0085	_ Guardrail Approach Terminal, Type 2B	8077050	6.000	Ea
0090	Post, Steel, 3 pound	8100371	654.000	Ft
0095	Sign, Type III, Rem	8100403	21.000	Ea
0100	Sign, Type IIIA	8100404	32.000	Sft
0105	Sign, Type IIIB	8100405	126.000	Sft
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	47,300.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,800.000	Ft
0120	Protective Ovly, Snowmobile Trail Crossing	8110550	105.000	Syd
0125	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0135	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,000.000	Ft
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	Riprap, Plain	8130010	100.000	Syd
0175	_ HMA Spillway	8147011	110.000	Syd
0180	Slope Restoration, Non-Freeway, Type B	8162002	10,000.000	Syd
0185	Monument Box	8210001	2.000	Ea
0190	Monument Preservation	8210010	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 220902 016**Letting Date:** September 2, 2022**Contract ID:** 27021-213388**Description:** 3.34 of hot mix asphalt overlay, shoulder aggregate and pavement markings on US-2 from Wilson Street to the Powdermill Creek in the city of Ironwood, Gogebic County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213388A	22A0812	N/A	NH 27021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$148,700.00	1100001	1.000	LSUM
0010	Berm Grading	2050008	18.000	Sta
0015	Approach, CI II	3070021	136.000	Ton
0020	Shld, CI II	3070121	1,113.000	Ton
0025	Cold Milling HMA Surface	5010002	5,244.000	Syd
0030	HMA Quality Initiative	5010007	25,600.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	105,972.000	Dlr
0040	HMA Approach	5010061	766.000	Ton
0045	HMA, 5EML	5012037	12,034.000	Ton
0050	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	150.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, White	8110233	40,141.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,156.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	35,325.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	45,156.000	Ft
0075	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0080	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0085	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0090	Protective Ovly, Snowmobile Trail Crossing	8110550	150.000	Syd
0095	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	4,816.000	Ft
0100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Plastic Drum, Fluorescent, Furn	8120252	250.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	250.000	Ea

0135	Sign Cover	8120310	10.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	1,250.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	1,250.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,900.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	5,700.000	Ft
0165	Slope Restoration, Non-Freeway, Type A	8162001	400.000	Syd
0170	Monument Box Adj	8210005	21.000	Ea
0175	Protect Corners	8210020	21.000	Ea
0180	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	35,325.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 220902 017**Letting Date:** September 2, 2022**Contract ID:** 09032-216599**Description:** Bridge rehabilitation including deck and sidewalk patching and joint replacement on M-13 and M-84 bridges over the east Channel of the Saginaw River in the city of Bay City, Bay County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216599A	N/A	N/A	M 09032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$38,300.00	1100001	1.000	LSUM
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0020	Minor Traf Devices	8120170	1.000	LSUM
0025	Mobile Attenuator	8120180	1.000	Ea
0030	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0035	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0040	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0045	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	861.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	861.000	Sft

Section: 2

0060	Asbestos Materials, Rem and Disposal	2040001	1,000.000	Dlr
0065	Joint, Expansion, E3	6020208	88.000	Ft
0070	Conc, Low Temperature Protection	7060020	38.000	Cyd
0075	Expansion Joint Device	7060050	88.000	Ft
0080	Expansion Joint Device, Cover Plate	7060051	21.000	Ft
0085	False Decking	7060060	660.000	Sft
0090	Reinforcement, Steel, Epoxy Coated	7060092	2,118.000	Lb
0095	Sealing Localized Cracks (B01 of 09032)	7060220	1.000	LSUM
0100	Conc, Grade 4500HP	7062004	25.000	Cyd
0105	_ Expansion Joint Device, Spec	7067001	71.000	Ft
0110	_ Conc, Deck Joint Replacement	7067021	13.000	Cyd
0115	_ Bridge Barrier Railing, Salv and Re-erect Portions	7117001	58.000	Ft
0120	Hand Chipping, Other Than Deck	7120007	308.000	Cft
0125	Deck Joint, Rem	7120071	156.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 220902 018**Letting Date:** September 2, 2022**Contract ID:** 27022-211071

Description: 5.17 mi of hot mix asphalt cold milling and resurfacing, overband crack fill, paver placed surface seal, shoulder aggregate and pavement markings on US-2 from Pierce Street to Great Lakes Road in the city of Wakefield, Gogebic County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211071A	22A0810	N/A	NH 27022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$123,700.00	1100001	1.000	LSUM
0010	Berm Grading	2050008	27.000	Sta
0015	Shld, CI II	3070121	824.000	Ton
0020	Cold Milling HMA Surface	5010002	6,096.000	Syd
0025	Hand Patching	5010025	618.000	Ton
0030	Overband Crack Fill, Lane	5020003	10.340	Lnmi
0035	_ Asphalt Repr Mastic	5027001	1,500.000	Ft
0040	Paver Placed Surface Seal, Type C, Warranty	5030041	121,901.000	Syd
0045	Seal, Fog	5050015	18,657.000	Syd
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	53,979.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	7,457.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	53,979.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	7,457.000	Ft
0070	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0075	Protective Ovly, Snowmobile Trail Crossing	8110550	134.000	Syd
0080	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Plastic Drum, Fluorescent, Furn	8120252	325.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	325.000	Ea
0105	Sign Cover	8120310	10.000	Ea
0110	Sign, Type B, Temp, Prismatic, Furn	8120350	1,200.000	Sft
0115	Sign, Type B, Temp, Prismatic, Oper	8120351	1,200.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0125	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,200.000	Ft
0130	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0135	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea

0140	Slope Restoration, Non-Freeway, Type A	8162001	600.000	Syd
0145	Monument Box Adj	8210005	7.000	Ea
0150	Centerline Corrugations, Milled, HMA	8220013	26,392.000	Ft
0155	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	53,007.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 220902 019

Letting Date: September 2, 2022

Contract ID: 06071-208813

Description: 2.44 mi of hot mix asphalt cold milling and resurfacing, detail 7 and 8 repairs, concrete curb and gutter, guardrail, driveway, culverts and pavement markings on M-13 from Bay-Arenac Road to Bernthal Road, Arenac County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208813A	22A0813	N/A	ST 06071
209408A	22A0814	N/A	HSIP 06071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$492,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	42.000	Ea
0015	Curb and Gutter, Rem	2040020	1,069.000	Ft
0020	Guardrail, Rem	2040035	2,039.000	Ft
0025	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0030	Pavt, Rem	2040050	36.000	Syd
0035	Ditch Cleanout	2050006	17.000	Sta
0040	Embankment, LM	2050011	419.000	Cyd
0045	Excavation, Earth	2050016	427.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	600.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0065	Erosion Control, Inlet Protection, Sediment Trap	2080024	20.000	Ea
0070	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0075	Erosion Control, Silt Fence	2080036	4,248.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0085	Subbase, CIP	3010002	206.000	Cyd
0090	Aggregate Base, LM	3020002	672.000	Cyd
0095	Aggregate Base, 6 inch	3020016	1,659.000	Syd
0100	Maintenance Gravel	3060020	200.000	Ton
0105	Approach, CI II, 6 inch	3070028	1,454.000	Syd
0110	_ Shld, CI II, Modified	3077031	1,356.000	Ton
0115	Culv End Sect, 15 inch	4010015	72.000	Ea
0120	Culv End Sect, Footing	4010072	78.000	Ea
0125	Culv, CI F, 15 inch	4010608	1,782.000	Ft
0130	Culv, CI F, 18 inch	4010609	104.000	Ft

0135	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	6.000	Ea
0140	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0145	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	Cold Milling HMA Surface	5010002	96,692.000	Syd
0160	Bump Grinding	5010004	325.000	Syd
0165	HMA Surface, Rem	5010005	1,445.000	Syd
0170	HMA Quality Initiative	5010007	71,298.000	Dlr
0175	Pavt for Butt Joints, Rem	5010008	1,679.000	Syd
0180	Longit Joint Density Quality Initiative	5010018	128,832.000	Dlr
0185	Pavt Joint and Crack Repr, Det 7	5010020	10,260.000	Ft
0190	Pavt Joint and Crack Repr, Det 8	5010021	18,480.000	Ft
0195	Hand Patching	5010025	2,024.000	Ton
0200	HMA Approach	5010061	1,041.000	Ton
0205	HMA, 4EML	5012025	21,726.000	Ton
0210	HMA, 5EML	5012037	10,858.000	Ton
0215	_ Ride Incentive	5017060	35,649.000	Dlr
0220	Curb and Gutter, Conc, Det B2	8020016	974.000	Ft
0225	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0230	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
0235	Spillway, Conc	8020075	36.000	Ft
0240	Sidewalk, Conc, 6 inch	8030046	483.000	Sft
0245	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0250	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0255	Guardrail Reflector	8070080	168.000	Ea
0260	Post, Mailbox	8070095	30.000	Ea
0265	Guardrail Anch, Bridge, Det M1	8070130	8.000	Ea
0270	Guardrail, Long Span, Det MGS-2	8072122	4.000	Ea
0275	Guardrail, Curved, Type B, 96 inch Post	8072142	50.000	Ft
0280	Guardrail, Curved, Temp, Type B, 96 inch Post	8072149	1.000	Ft
0285	Guardrail, Curved, Type B-CRT	8072154	150.000	Ft
0290	Guardrail, Curved, Temp, Type B-CRT	8072155	1.000	Ft
0295	Guardrail, Type MGS-8, 108 inch Post	8072180	1,555.000	Ft
0300	Guardrail, Temp, Type B, 96 inch Post	8072192	1.000	Ft
0305	Delineator Reflector, Green	8100133	84.000	Ea
0310	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	8.000	Ea
0315	Post, Flexible, Delineator	8100360	8.000	Ea
0320	Post, Rigid, Delineator	8100361	84.000	Ea
0325	Post, Steel, 3 pound	8100371	128.000	Ft
0330	Post, Wood, 4 inch by 6 inch	8100380	26.000	Ft
0335	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0340	Sign, Type III, Erect, Salv	8100402	62.000	Ea
0345	Sign, Type III, Rem	8100403	2.000	Ea
0350	Sign, Type IIIA	8100404	18.000	Sft

0355	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0360	Sign, Type II, Rem, Salv	8102002	2.000	Ea
0365	Sign, Type III, Rem, Salv	8102003	62.000	Ea
0370	Ground Mtd Sign Support, Rem	8102010	8.000	Ea
0375	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0380	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	3.000	Ea
0385	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,246.000	Ft
0390	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	760.000	Ft
0395	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	77.000	Ft
0400	Rem Spec Mrkg	8110343	438.000	Sft
0405	Recessing Pavt Mrkg, Longit	8110450	58,071.000	Ft
0410	Recessing Pavt Mrkg, Transv	8110451	294.000	Sft
0415	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	31,577.000	Ft
0420	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	24,488.000	Ft
0425	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0435	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0445	Minor Traf Devices	8120170	1.000	LSUM
0450	Mobile Attenuator	8120180	1.000	Ea
0455	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	57,078.000	Ft
0460	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	76.000	Ft
0465	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	31,278.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	25,800.000	Ft
0475	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	30,000.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	30,000.000	Ft
0485	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0490	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0495	Sign Cover	8120310	8.000	Ea
0500	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0505	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0510	Sign, Type B, Temp, Prismatic, Furn	8120350	1,660.000	Sft
0515	Sign, Type B, Temp, Prismatic, Oper	8120351	1,660.000	Sft
0520	Riprap, Plain	8130010	60.000	Syd
0525	_ Turf Establishment, Performance	8167011	4,000.000	Syd
0530	Monument Box	8210001	3.000	Ea
0535	Monument Preservation	8210010	3.000	Ea
0540	Protect Corners	8210020	6.000	Ea
0545	Centerline Corrugations, Milled, HMA	8220013	11,600.000	Ft
0550	Non-Freeway Shld Corrugations, Milled, Conc	8220024	1.000	Ft
0555	Non-Freeway Shld Corrugations, Milled, HMA	8220025	24,488.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 220902 020

Letting Date: September 2, 2022

Contract ID: 25031-216851

Description: Bridge rehabilitation including structural steel repairs, heat straightening and zone painting on Hill Road over US-23, Genesee County. A mandatory pre-bid meeting will be held Friday, August 19, 2022, at 11:00 am via a Virtual Microsoft Teams Meeting. All prospective bidders must attend to be considered eligible to bid.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216851A	N/A	N/A	MER 25031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$49,700.00	1100001	1.000	LSUM
0010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0015	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0020	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0025	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0030	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0035	Conc Barrier, Temp, Adj	8120080	200.000	Ft
0040	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0045	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0050	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0055	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0065	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0070	Ltg for Night Work	8120160	1.000	LSUM
0075	Minor Traf Devices	8120170	1.000	LSUM
0080	Mobile Attenuator	8120180	1.000	Ea
0085	Pavt Mrkg Cover, Type R, Black	8120200	250.000	Ft
0090	Plastic Drum, Fluorescent, Furn	8120252	135.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	135.000	Ea
0100	Sign Cover	8120310	2.000	Ea
0105	Sign Cover, Type I	8120320	2.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0115	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0120	Sign, Type A, Temp, Prismatic, Furn	8120340	6.000	Sft

0125	Sign, Type A, Temp, Prismatic, Oper	8120341	6.000	Sft
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0135	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0145	Speed Radar Trailer, Temp	8122028	1.000	Ea
0150	_ Traf Speed Sensor, Portable, Temp	8127050	2.000	Ea
0155	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM

Section: 2

0160	Structures, Rehabilitation, Rem Portions (S07 of 25031)	7120070	1.000	LSUM
0165	Beam Plate, Seal Perimeter	7130010	102.000	Ft
0170	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,210.000	Lb
0175	Support, Column, Temp	7130080	2.000	Ea
0180	_ Heat Straightening Steel, Spec (S07 of 25031)	7137051	1.000	LSUM
0185	Steel Structure, Cleaning, Partial, Type 4 (S07 of 25031)	7150047	1.000	LSUM
0190	Steel Structure, Coating, Partial, Type 4 (S07 of 25031)	7150048	1.000	LSUM
0195	_ Heating and Housing (S07 of 25031)	7157051	1.000	LSUM
0200	Field Repr of Damaged Coating (S07 of 25031)	7160001	1.000	LSUM
0205	_ Bridge Structural Steel Crack Weld Repr	8507007	30.000	Inch

Schedule of Pay Items

Report v1

Letting Call: 220902 021

Letting Date: September 2, 2022

Contract ID: 02051-208865

Description: 12.97 mi of single course hot mix asphalt overlay with cold milling by existing curb and gutter, sidewalk ramps, guardrail, delineators, shoulder and centerline corrugations, shoulder aggregate and pavement markings on M-77 from the Alger County line to Braziel Street, Alger and Schoolcraft Counties. This project includes two 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208865A	N/A	N/A	M 02051
216551A	22A0819	N/A	HSIP 02051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$228,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	311.000	Ft
0015	Guardrail, Rem	2040035	2,490.000	Ft
0020	Sidewalk, Rem	2040055	251.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0030	Approach, CI II	3070021	225.000	Ton
0035	Shld, CI II	3070121	6,235.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0045	Cold Milling HMA Surface	5010002	12,460.000	Syd
0050	Bump Grinding	5010004	100.000	Syd
0055	HMA Surface, Rem	5010005	81.000	Syd
0060	HMA Quality Initiative	5010007	37,126.000	Dlr
0065	Longit Joint Density Quality Initiative	5010018	80,606.000	Dlr
0070	Hand Patching	5010025	13.000	Ton
0075	HMA Approach	5010061	530.000	Ton
0080	HMA, 5EL	5012036	18,020.000	Ton
0085	Curb and Gutter, Conc, Det C3	8020022	68.000	Ft
0090	Detectable Warning Surface	8030010	80.000	Ft
0095	Curb Ramp Opening, Conc	8030030	214.000	Ft
0100	Sidewalk, Conc, 6 inch	8030046	376.000	Sft
0105	Curb Ramp, Conc, 6 inch	8032002	1,653.000	Sft
0110	Curb Slp, HMA	8050010	1,420.000	Ft
0115	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0120	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0125	Guardrail Reflector	8070080	124.000	Ea
0130	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea

0135	Guardrail, Curved, Type B-CRT	8072154	75.000	Ft
0140	Guardrail, Type MGS-8, 108 inch Post	8072180	2,375.000	Ft
0145	Delineator Reflector, Green	8100133	10.000	Ea
0150	Delineator Reflector, White	8100134	850.000	Ea
0155	Post, Rigid, Delineator	8100361	435.000	Ea
0160	Post, Steel, 3 pound	8100371	137.000	Ft
0165	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0170	Sign, Type IIIB	8100405	57.000	Sft
0175	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107050	55.000	Ea
0180	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	168.000	Ft
0185	Pavt Mrkg, Waterborne, 6 inch, White	8110233	136,910.000	Ft
0190	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	47,000.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	136,910.000	Ft
0200	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	47,000.000	Ft
0205	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0210	Protective Ovly, Snowmobile Trail Crossing	8110550	165.000	Syd
0215	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Plastic Drum, Fluorescent, Furn	8120252	315.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	315.000	Ea
0245	Sign Cover	8120310	2.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	336.000	Sft
0255	Sign, Type B, Temp, Prismatic, Oper	8120351	336.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,925.000	Ft
0270	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0275	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0280	Pedestrian Path, Temp	8122250	50.000	Ft
0285	Pedestrian Ramp, Temp	8122251	2.000	Ea
0290	Slope Restoration, Non-Freeway, Type B	8162002	97.000	Syd
0295	Monument Box	8210001	2.000	Ea
0300	Monument Box Adj	8210005	7.000	Ea
0305	Monument Preservation	8210010	2.000	Ea
0310	Protect Corners	8210020	8.000	Ea
0315	Centerline Corrugations, Milled, HMA	8220013	63,305.000	Ft
0320	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	126,610.000	Ft
0325	Water Shutoff, Adj, Case 1	8230421	6.000	Ea
0330	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0335	Contractor Staking	8240001	1.000	LSUM
0340	Staking Plan Errors and Extras, Max \$180/hour	8240002	25.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220902 022

Letting Date: September 2, 2022

Contract ID: 34000-215663

Description: 0.92 mi of hot mix asphalt cold milling and resurfacing, curb ramps and pavement markings on Ellis Street from Lincoln Street easterly to Bridge Street in the city of Belding, Ionia County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215663A	22A0705	N/A	STUL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$44,900.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	127.000	Syd
0015	_ Curb and Gutter, Rem, Modified	2047001	306.000	Ft
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0025	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0030	Dr Structure, Temp Lowering	4030390	1.000	Ea
0035	Cold Milling HMA Surface	5010002	24,200.000	Syd
0040	HMA Surface, Rem	5010005	40.000	Syd
0045	HMA, 4EL	5012024	3,040.000	Ton
0050	Curb and Gutter, Conc, Det F4	8020038	202.000	Ft
0055	Driveway Opening, Conc, Det M	8020050	12.000	Ft
0060	Curb Ramp Opening, Conc	8030030	92.000	Ft
0065	Curb Ramp, Conc, 4 inch	8032001	480.000	Sft
0070	Curb Ramp, Conc, 6 inch	8032002	670.000	Sft
0075	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0080	Curb Slp, HMA	8050010	7,200.000	Ft
0085	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	320.000	Ft
0090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	190.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,800.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,750.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	9,800.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,750.000	Ft
0115	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0120	Pavt Mrkg, Polyurea, School	8110414	1.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea

0135	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0145	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0165	Sign Cover	8120310	2.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	6.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	6.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	_ Turf Restoration	8167011	3,000.000	Syd
0200	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 220902 023**Letting Date:** September 2, 2022**Contract ID:** 61000-212255

Description: Bridge rehabilitation including hot mix asphalt cold mill and overlay, clean and coat structural steel and guardrail on Bridge Street over Norris Creek in the village of Fruitport, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212255A	22A0768	N/A	BFP 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$24,500.00	1100001	1.000	LSUM
0010	Cold Milling HMA Surface	5010002	88.000	Syd
0015	HMA, 5EL	5012036	10.000	Ton
0020	Guardrail Reflector	8070080	16.000	Ea
0025	_ VOF Guardrail Anch, Bridge, Det T3, Modified	8077050	4.000	Ea
0030	Pavt Mrkg, Waterborne, 4 inch, White	8110231	240.000	Ft
0035	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	240.000	Ft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0045	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0050	Minor Traf Devices	8120170	1.000	LSUM
0055	Sign, Type B, Temp, Prismatic, Furn	8120350	294.000	Sft
0060	Sign, Type B, Temp, Prismatic, Oper	8120351	294.000	Sft

Section: 2

0065	False Decking	7060060	3,458.000	Sft
0070	Epoxy Ovly	7120020	327.000	Syd
0075	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0080	Steel Structure, Coating, Type 4	7150046	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 220902 024

Letting Date: September 2, 2022

Contract ID: 29000-206072

Description: 0.59 mi of hot mix asphalt cold milling and resurfacing, detail 7 and detail 8 repairs and pavement markings on Center Street from Jerome Road east to City Park entrance in the city of Ithaca, Gratiot County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206072A	N/A	N/A	EDD 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$14,800.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	75.000	Ton
0015	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0020	Cold Milling HMA Surface	5010002	9,725.000	Syd
0025	Pavt Joint and Crack Repr, Det 7	5010020	500.000	Ft
0030	Pavt Joint and Crack Repr, Det 8	5010021	100.000	Ft
0035	Hand Patching	5010025	40.000	Ton
0040	HMA, 13A	5010033	925.000	Ton
0045	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,888.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,252.000	Ft
0055	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,888.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,252.000	Ft
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0080	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	376.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	376.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0105	Monument Box Adj	8210005	3.000	Ea
0110	Protect Corners	8210020	3.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 220902 025**Letting Date:** September 2, 2022**Contract ID:** 59000-208208

Description: 0.48 mi of hot mix asphalt reconstruction, concrete curb and gutter, curb ramps, storm sewer, signing and pavement markings on Clay Street from Union Street northerly to Montcalm Street in the city of Greenville, Montcalm County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208208A	22A0702	N/A	STUL 59000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$123,100.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	18.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	438.000	Ft
0020	Curb and Gutter, Rem	2040020	4,388.000	Ft
0025	Pavt, Rem	2040050	1,084.000	Syd
0030	Sidewalk, Rem	2040055	1,396.000	Syd
0035	_ Brick, Rem & Salvage	2047011	148.000	Syd
0040	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0045	_ Machine Grading, Modified	2057002	25.000	Sta
0050	_ Flowable Fill, Non-Structural	2057021	44.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0060	Subbase, CIP	3010002	3,188.000	Cyd
0065	Aggregate Base, 8 inch	3020020	8,691.000	Syd
0070	Driveway Maintenance, Commercial	3062000	9.000	Ea
0075	Driveway Maintenance, Residential	3062001	22.000	Ea
0080	Sewer, Cl A, 10 inch, Tr Det B	4020032	12.000	Ft
0085	Sewer, Cl A, 12 inch, Tr Det B	4020033	575.000	Ft
0090	Sewer, Cl A, 15 inch, Tr Det B	4020034	190.000	Ft
0095	Sewer, Cl A, 18 inch, Tr Det B	4020035	1,218.000	Ft
0100	Sewer Tap, 8 inch	4021202	2.000	Ea
0105	Sewer Tap, 10 inch	4021203	1.000	Ea
0110	Sewer Tap, 12 inch	4021204	8.000	Ea
0115	Sewer Tap, 15 inch	4021205	2.000	Ea
0120	Sewer Tap, 18 inch	4021206	4.000	Ea
0125	Video Taping Sewer and Culv Pipe	4021275	1,995.000	Ft
0130	Dr Structure, 48 inch dia	4030210	20.000	Ea
0135	Dr Structure, Tap, 18 inch	4030318	1.000	Ea

0140	_ Dr Structure Cover, Type K, Modified	4037050	14.000	Ea
0145	_ Dr Structure Cover, Type Q, Modified	4037050	10.000	Ea
0150	HMA Surface, Rem	5010005	8,450.000	Syd
0155	Hand Patching	5010025	5.000	Ton
0160	HMA Approach	5010061	72.000	Ton
0165	HMA, 4EL	5012024	663.000	Ton
0170	HMA, 5EL	5012036	663.000	Ton
0175	Driveway, Nonreinf Conc, 6 inch	8010005	949.000	Syd
0180	Curb and Gutter, Conc, Det F4	8020038	4,332.000	Ft
0185	Curb Ramp Opening, Conc	8030030	105.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	2,420.000	Sft
0195	Sidewalk, Conc, 8 inch	8030048	167.000	Sft
0200	Curb Ramp, Conc, 4 inch	8032001	1,709.000	Sft
0205	_ Detectable Warning Surface, Cast Iron Black	8037001	200.000	Ft
0210	_ Curb Ramp, Modified	8037010	705.000	Sft
0215	Post, Steel, 3 pound	8100371	90.000	Ft
0220	Sign, Type IVA	8100410	120.000	Sft
0225	_ Sign, Rem, Salv and Reinstall	8107050	5.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	160.000	Ft
0235	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	512.000	Ft
0240	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	4,221.000	Ft
0245	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	528.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	21.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	21.000	Ea
0260	Pedestrian Type II Barricade, Temp	8120026	22.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0275	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	508.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	508.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	72.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	72.000	Sft
0300	Topsoil Surface, Furn, 4 inch	8160062	3,000.000	Syd
0305	_ Hydroseeding	8167011	3,000.000	Syd
0310	Fire Hydrant	8230040	5.000	Ea
0315	Gate Valve and Box, 6 inch	8230051	18.000	Ea
0320	Hydrant, Rem	8230091	5.000	Ea
0325	Water Main, DI, 6 inch, Tr Det G	8230151	1,056.000	Ft
0330	Gate Box, Adj, Case 1	8230431	4.000	Ea
0335	_ Water Main, DI, 12 inch, Install, Tr Det G	8237001	1,495.000	Ft
0340	_ Water Service	8237001	2,010.000	Ft
0345	_ Sanitary Manhole Cover, Type Q, Modified	8257050	5.000	Ea
0350	_ Sanitary Manhole, 48 inch, Less than 10 feet	8257050	5.000	Ea

0355	_ Sanitary Manhole, Rem	8257050	5.000	Ea
0360	_ Sanitary Sewer Tap, 10 inch Live	8257050	5.000	Ea
0365	_ Sanitary Sewer Tap, 12 inch Live	8257050	5.000	Ea
0370	_ Sanitary Sewer Tap, 8 inch Live	8257050	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220902 026

Letting Date: September 2, 2022

Contract ID: 50000-206528

Description: 1.00 mi of concrete pavement removal and milling, hot mix asphalt overlay, concrete curb, gutter and sidewalk and concrete base repairs and pavement markings on Masonic Boulevard from west of Hoover Road to Schoenherr Road in the city of Warren, Macomb County. This is a Local Agency project. This project includes a 5 year HMA Local Agency Warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206528A	22A0716	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	9,000.000	Dlr
0010	Mobilization, Max \$327,900.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	154.000	Ft
0020	Pavt, Rem	2040050	13,852.000	Syd
0025	Sidewalk, Rem	2040055	1,385.000	Syd
0030	_ Exploratory Excavation	2047001	500.000	Ft
0035	Excavation, Earth	2050016	1,622.000	Cyd
0040	_ Subgrade Undercutting, Modified	2057021	250.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	23.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0055	_ Rubbish Pickup, Special	2097051	1.000	LSUM
0060	Aggregate Base	3020001	3,352.000	Ton
0065	Maintenance Gravel	3060020	200.000	Ton
0070	_ Driveway Maintenance	3067050	62.000	Ea
0075	_ Intersection Maintenance	3067050	27.000	Ea
0080	_ Sanitary Lead Repr, 6 inch, Tr Det B	4027001	100.000	Ft
0085	Dr Structure, Tap, 6 inch	4030306	6.000	Ea
0090	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	12.000	Ea
0095	_ Dr Structure Cover, Type Warren Catch Basin	4037050	4.000	Ea
0100	_ Dr Structure Cover, Type Warren Manhole	4037050	7.000	Ea
0105	Underdrain, Subgrade, 6 inch	4040073	4,900.000	Ft
0110	HMA Surface, Rem	5010005	9,342.000	Syd
0115	Joint and Crack, Cleanout	5010015	5,931.000	Ft
0120	Pavt Joint and Crack Repr, Det 7	5010020	5,000.000	Ft
0125	Pavt Joint and Crack Repr, Det 8	5010021	931.000	Ft
0130	Hand Patching	5010025	900.000	Ton
0135	HMA, 3EML	5012013	1,709.000	Ton

0140	HMA, 4EML	5012025	2,219.000	Ton
0145	HMA, 5EML	5012037	1,668.000	Ton
0150	_ Cold Milling Pavt	5017011	7,986.000	Syd
0155	_ Pavt, Temp	5017011	2,025.000	Syd
0160	_ Pavt, Temp, Rem	5017011	2,025.000	Syd
0165	Conc Pavt with Integral Curb, Nonreinf, 8 inch	6020164	1,304.000	Syd
0170	_ Joint, HMA Plane of Weakness	6027001	24,288.000	Ft
0175	Joint, Expansion, Erg	6030021	500.000	Ft
0180	Lane Tie, Epoxy Anchored	6030030	431.000	Ea
0185	Pavt Repr, Nonreinf Conc, 9 inch	6030046	200.000	Syd
0190	Pavt Repr, Rem	6030080	1,421.000	Syd
0195	Saw Cut, Intermediate	6030090	2,500.000	Ft
0200	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	6037011	1,750.000	Syd
0205	Driveway, Nonreinf Conc, 6 inch	8010005	806.000	Syd
0210	Driveway, Nonreinf Conc, 8 inch	8010007	396.000	Syd
0215	Driveway Opening, Conc, Det M	8020050	618.000	Ft
0220	_ Curb and Gutter, Conc, Det F2, Modified	8027001	5,074.000	Ft
0225	Curb Ramp Opening, Conc	8030030	314.000	Ft
0230	Sidewalk, Conc, 4 inch	8030044	9,234.000	Sft
0235	Curb Ramp, Conc, 6 inch	8032002	2,494.000	Sft
0240	_ Detectable Warning Surface, Special	8037001	230.000	Ft
0245	Post, Steel, 3 pound	8100371	529.000	Ft
0250	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0255	Sign, Type III, Rem	8100403	39.000	Ea
0260	Sign, Type IIIB	8100405	203.000	Sft
0265	_ Sign, Type IIIB, Special	8107010	46.000	Sft
0270	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	723.000	Ft
0275	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	63.000	Ft
0280	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0285	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	8,930.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	2,341.000	Ft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0305	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Plastic Drum, Fluorescent, Furn	8120252	170.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	170.000	Ea
0335	Sign Cover	8120310	5.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	615.000	Sft
0345	Sign, Type B, Temp, Prismatic, Oper	8120351	615.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	108.000	Sft

0355	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	108.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0365	Fertilizer, Chemical Nutrient, CI A	8160020	221.000	Lb
0370	Mulch	8160025	4,700.000	Syd
0375	Seeding, Mixture TUF	8160042	212.000	Lb
0380	Sodding	8160055	250.000	Syd
0385	Topsoil Surface, Furn, 3 inch	8160061	4,700.000	Syd
0390	Topsoil Surface, Furn, 4 inch	8160062	250.000	Syd
0395	Water, Sodding/Seeding	8160090	60.000	Unit
0400	Case Sign Panel	8200003	4.000	Ea
0405	Case Sign Panel, Rem	8200004	4.000	Ea
0410	TS Face, Bag	8200458	6.000	Ea
0415	TS Face, Bag, Rem	8200459	6.000	Ea
0420	Gate Valve, 8 inch	8230062	13.000	Ea
0425	Gate Well, Rem	8230076	10.000	Ea
0430	Hydrant, Rem	8230091	7.000	Ea
0435	Water Main, DI, 8 inch, Tr Det G	8230156	1,917.000	Ft
0440	Water Serv	8230240	37.000	Ea
0445	Water Serv, Long	8230245	25.000	Ea
0450	Gate Well, 60 inch dia	8230360	13.000	Ea
0455	_ Abandon Existing Water Main	8237001	1,564.000	Ft
0460	_ Sprinkler Line	8237001	300.000	Ft
0465	_ Water Main, FPVC, 8 inch, Pipe Burst	8237001	3,854.000	Ft
0470	_ Fire Hydrant Assembly	8237050	8.000	Ea
0475	_ Sprinkler Head, Relocate	8237050	15.000	Ea
0480	_ Sprinkler Head, Replace	8237050	25.000	Ea
0485	_ Water Main, Connect to Existing, 8 inch	8237050	19.000	Ea
0490	_ Audio-Visual Filming	8237051	1.000	LSUM



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220902 027**Letting Date:** September 2, 2022**Contract ID:** 37014-216832**Description:** Bridge rehabilitation including high load hit repairs and concrete beam repairs on Vernon Road over US-127, Isabella County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
216832A	N/A	N/A	MER 37014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$23,100.00	1100001	1.000	LSUM
0010	Aggregate Base, 6 inch	3020016	460.000	Syd
0015	Trenching	3070200	12.000	Sta
0020	HMA, Temp Pavt (4EML)	5012103	100.000	Ton
0025	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0030	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	300.000	Ft
0035	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	1,050.000	Ft
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0045	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0050	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0055	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0060	Conc Barrier, Temp, Furn	8120081	440.000	Ft
0065	Conc Barrier, Temp, Oper	8120082	440.000	Ft
0070	Delineator, Flexible, Temp, Furn	8120091	75.000	Ea
0075	Delineator, Flexible, Temp, Oper	8120092	75.000	Ea
0080	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0085	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0090	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Mobile Attenuator	8120180	1.000	Ea
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,150.000	Ft
0115	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0120	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0125	Sign Cover	8120310	10.000	Ea
0130	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea

0135	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	642.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	642.000	Sft
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,250.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,150.000	Ft
0160	Slope Restoration, Freeway, Type A	8162013	533.000	Syd

Section: 2

0165	Conc, Low Temperature Protection	7060020	2.000	Cyd
0170	Reinforcement, Steel, Epoxy Coated	7060092	250.000	Lb
0175	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	36.000	Ea
0180	Structural Crack, Repr	7120099	30.000	Ft
0185	_ Hand Chipping, Spec	7127010	163.000	Sft
0190	_ Latex Modified Conc, Spec	7127021	2.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 220902 028

Letting Date: September 2, 2022

Contract ID: 17061-208878

Description: 1.11 mi of Hot mix asphalt cold milling and resurfacing, aggregate shoulders, centerline and shoulder corrugations and pavement markings on M-28 from east of the Hulbert Road to west of Forest Road 3385, Chippewa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208878A	N/A	N/A	M 17061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,500.00	1100001	1.000	LSUM
0010	Approach, CI II	3070021	20.000	Ton
0015	Shld, CI II	3070121	150.000	Ton
0020	Cold Milling HMA Surface	5010002	39,953.000	Syd
0025	Bump Grinding	5010004	100.000	Syd
0030	HMA Quality Initiative	5010007	6,594.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	29,360.000	Dlr
0040	HMA, 5EL	5012036	3,297.000	Ton
0045	Delineator Reflector, White	8100134	14.000	Ea
0050	Delineator, Rem	8100349	22.000	Ea
0055	Post, Rigid, Delineator	8100361	14.000	Ea
0060	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	4.000	Ea
0065	Pavt Mrkg, Waterborne, 6 inch, White	8110233	13,894.000	Ft
0070	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,744.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	13,894.000	Ft
0080	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,744.000	Ft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0095	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0115	Sign Cover	8120310	4.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	352.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	352.000	Sft
0130	Traf Regulator Control	8120370	1.000	LSUM
0135	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	944.000	Ft

0140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	944.000	Ft
0145	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0150	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0155	Monument Box	8210001	1.000	Ea
0160	Monument Box Adj	8210005	1.000	Ea
0165	Monument Preservation	8210010	1.000	Ea
0170	Protect Corners	8210020	1.000	Ea
0175	Centerline Corrugations, Milled, HMA	8220013	5,871.000	Ft
0180	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	11,744.000	Ft
0185	Contractor Staking	8240001	1.000	LSUM
0190	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220902 029

Letting Date: September 2, 2022

Contract ID: 59000-214476

Description: Bridge rehabilitation includes superstructure replacement with a timber structure, riprap and approach work on Dickerson Lake Road over the Flat River, Montcalm County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214476A	22A0754	N/A	BFPO 59000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$65,000.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	5.000	Sta
0015	Stump, Rem, 6 inch to 18 inch	2020008	9.000	Ea
0020	Guardrail, Rem	2040035	519.000	Ft
0025	Embankment, CIP	2050010	309.000	Cyd
0030	Excavation, Earth	2050016	453.000	Cyd
0035	Erosion Control, Silt Fence	2080036	670.000	Ft
0040	Subbase, CIP	3010002	76.000	Cyd
0045	Aggregate Base	3020001	589.000	Ton
0050	Shld, CI II	3070121	86.000	Ton
0055	HMA Surface, Rem	5010005	1,247.000	Syd
0060	HMA, 4EL	5012024	281.000	Ton
0065	_ HMA Spillway	5017011	34.000	Syd
0070	Guardrail, Type B	8070000	288.000	Ft
0075	Guardrail, Curved, Type B	8070010	25.000	Ft
0080	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0085	Guardrail Reflector	8070080	36.000	Ea
0090	_ Guardrail Anch, Bridge, Det T3, Modified	8077050	4.000	Ea
0095	_ Guardrail Approach Terminal, Type 2B	8077050	3.000	Ea
0100	Sign, Type III, Rem	8100403	3.000	Ea
0105	Ground Mtd Sign Support, Rem	8102010	3.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	900.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	900.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea

0140	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	326.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	326.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	162.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	162.000	Sft
0165	Riprap, Plain	8130010	50.000	Syd
0170	_ Slope Restoration, Type C, Modified	8167011	920.000	Syd

Section: 2

0175	Masonry and Conc Structure, Rem	2040045	36.000	Cyd
0180	Structures, Rem Portions (SN 7516)	2040061	1.000	LSUM
0185	Backfill, Structure, CIP	2060002	204.000	Cyd
0190	Excavation, Fdn	2060010	237.000	Cyd
0195	Erosion Control, Turbidity Curtain, Deep	2080042	134.000	Ft
0200	Geotextile, Separator	3080005	84.000	Syd
0205	False Decking	7060060	1,664.000	Sft
0210	_ Structure, Timber, Modified (SN 7516)	7097051	1.000	LSUM
0215	_ Riprap, Fieldstone, Modified	8137011	156.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220902 030

Letting Date: September 2, 2022

Contract ID: 32000-209807

Description: Bridge reconstruction includes replacement, proposed 33 foot prestress concrete spread box beams and approach work on Caseville Road over the Pigeon River, Huron County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209807A	22A0759	N/A	BRT 32000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$217,000.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	405.000	Ft
0015	Embankment, CIP	2050010	1,250.000	Cyd
0020	Excavation, Earth	2050016	1,890.000	Cyd
0025	Erosion Control, Filter Bag	2080014	4.000	Ea
0030	Erosion Control, Silt Fence	2080036	1,240.000	Ft
0035	Erosion Control, Turbidity Curtain, Deep	2080042	400.000	Ft
0040	Subbase, CIP	3010002	1,750.000	Cyd
0045	Aggregate Base	3020001	900.000	Ton
0050	Approach, CI II	3070021	10.000	Ton
0055	Shld, CI II	3070121	150.000	Ton
0060	HMA Surface, Rem	5010005	1,850.000	Syd
0065	Hand Patching	5010025	3.000	Ton
0070	_ HMA, 13A, Mod. T	5017031	520.000	Ton
0075	Conc Pavt, Bridge Approach, Reinf	6020600	64.000	Syd
0080	Curb and Gutter, Bridge Approach, Det 5	8022016	35.000	Ft
0085	Curb and Gutter, Bridge Approach, Det 6	8022017	60.000	Ft
0090	Guardrail, Type MGS-8	8070004	210.000	Ft
0095	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0100	Guardrail Reflector	8070080	40.000	Ea
0105	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0110	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0115	_ Guardrail Anch, Bridge, Det M3, Modified	8077050	1.000	Ea
0120	_ Installing Guardrail Posts Through HMA	8077050	36.000	Ea
0125	Delineator Reflector, Green	8100133	8.000	Ea
0130	Post, Rigid, Delineator	8100361	4.000	Ea
0135	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	190.000	Ft

0140	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	1,450.000	Ft
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	52.000	Ft
0165	Sign Cover	8120310	30.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0190	_ Riprap, Plain, Modified	8137011	40.000	Syd
0195	_ Slope Restoration, Modified	8167011	2,900.000	Syd
0200	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
0205	Water Main Line Stop, 16 inch	8232045	680.000	Ft
0210	_ Water Main, HDPE, 16 inch, Directional Bore	8237001	680.000	Ft
0215	_ Water Main, Transition, 12 inch DI to 16 inch HDPE	8237050	2.000	Ea
0220	_ Water Main, Temp Bypass, 6 inch	8237051	1.000	LSUM

Section: 2

0225	Structures, Rem	2040060	1.000	LSUM
0230	Excavation, Channel	2050015	200.000	Cyd
0235	Backfill, Structure, CIP	2060002	1,070.000	Cyd
0240	Excavation, Fdn	2060010	1,520.000	Cyd
0245	_ Aggregate Mud Mat	2067021	40.000	Cyd
0250	Underdrain, Fdn, 6 inch	4040033	350.000	Ft
0255	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0260	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0265	Steel Sheet Piling, Permanent	7040001	360.000	Sft
0270	Cofferdams	7040007	1.000	LSUM
0275	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0280	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0285	Bridge Ltg, Oper and Maintain	7060002	135.000	Cyd
0290	Expansion Joint Device	7060050	44.000	Ft
0295	False Decking	7060060	2,800.000	Sft
0300	Reinforcement, Steel, Epoxy Coated	7060092	40,991.000	Lb
0305	Substructure Conc	7060100	139.000	Cyd
0310	Superstructure Conc	7060110	42.000	Cyd
0315	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0320	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0325	Superstructure Conc, Night Casting	7060113	135.000	Cyd
0330	Water Repellent Treatment, Penetrating	7060140	30.000	Syd
0335	Sealing Localized Cracks	7060220	1.000	LSUM

0340	Conc, Grade 3500	7062001	47.000	Cyd
0345	Conc, Grade 4500	7062003	9.000	Cyd
0350	Bearing, Elastomeric, 1 inch	7070012	4,508.000	Sin
0355	Structural Steel, Mixed, Erect	7070050	2,517.000	Lb
0360	Structural Steel, Mixed, Furn and Fab	7070051	2,517.000	Lb
0365	Structural Steel, Rolled Shape, Erect	7070070	3,180.000	Lb
0370	Structural Steel, Rolled Shape, Furn and Fab	7070071	3,180.000	Lb
0375	Prest Conc Box Beam, Furn, 42 inch	7080081	752.000	Ft
0380	Prest Conc Box Beam, Erect, 42 inch	7080082	752.000	Ft
0385	Joint Waterproofing	7100001	225.000	Sft
0390	Bridge Railing, 2 Tube	7110008	246.000	Ft
0395	Drilled Shaft Equipment, Furn	7180010	1.000	LSUM
0400	_ Drilled Shaft, 24 inch	7187001	397.000	Ft
0405	_ Riprap, Heavy, Modified	8137011	1,000.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 220902 031

Letting Date: September 2, 2022

Contract ID: 41000-130603

Description: 0.19 mi of hot mix asphalt surfacing, concrete pavement, concrete curb, gutter and sidewalk, signing and pavement markings on 54th Street from Clyde Park Avenue easterly to the US-131 southbound entrance ramp in the city of Wyoming, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130603A	N/A	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio-Visual Filming	1027051	1.000	LSUM
0010	Mobilization, Max \$108,300.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	6.000	Ea
0020	Curb and Gutter, Rem	2040020	3,320.000	Ft
0025	Pavt, Rem	2040050	875.000	Syd
0030	Sidewalk, Rem	2040055	489.000	Syd
0035	Exploratory Investigation, Vertical	2040080	40.000	Ft
0040	Embankment, CIP	2050010	4,400.000	Cyd
0045	Excavation, Earth	2050016	1,000.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0055	Flowable Fill, Non-Structural	2050148	1.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0065	Erosion Control, Silt Fence	2080036	990.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	Subbase, CIP	3010002	1,980.000	Cyd
0080	_ Aggregate Base, 4 inch, Modified	3027011	4,411.000	Syd
0085	_ Aggregate Base, 6 inch, Modified	3027011	1,020.000	Syd
0090	Shld, CI II, 8 inch	3070130	120.000	Syd
0095	Sewer, CI A, 12 inch, Tr Det B	4020033	125.000	Ft
0100	Sewer, CI IV, 12 inch, Tr Det D	4021050	645.000	Ft
0105	Sewer Tap, 12 inch	4021204	1.000	Ea
0110	Video Taping Sewer and Culv Pipe	4021275	775.000	Ft
0115	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0120	Dr Structure Cover, Type E	4030035	2.000	Ea
0125	_ Dr Structure Cover, Modified	4037050	10.000	Ea
0130	_ Dr Structure, 48 inch dia, Modified	4037050	10.000	Ea
0135	Underdrain, Subbase, 6 inch	4040063	500.000	Ft

0140	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0145	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	HMA Surface, Rem	5010005	6,075.000	Syd
0160	Hand Patching	5010025	3.000	Ton
0165	HMA, 3EMH	5012014	1,620.000	Ton
0170	HMA, 4EMH	5012026	950.000	Ton
0175	HMA, 5EMH	5012038	770.000	Ton
0180	Joint, Expansion, E3	6020208	15.000	Ft
0185	_ Conc Pavt, Misc, Nonreinf, 6 inch, Modified	6027011	415.000	Syd
0190	_ Curb and Gutter, Conc, 24 inch, Modified	8027001	3,320.000	Ft
0195	_ Detectable Warning Surface, Modified	8037001	180.000	Ft
0200	_ Curb Ramp, Conc, 6 inch, Modified	8037010	1,030.000	Sft
0205	_ Sidewalk, Conc, 4 inch, Modified	8037010	6,562.000	Sft
0210	Post, Steel, 3 pound	8100371	185.000	Ft
0215	Post, Wood, 4 inch by 6 inch	8100380	60.000	Ft
0220	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0225	Sign, Type I, Rem	8100391	1.000	Ea
0230	Sign, Type II, Rem	8100397	4.000	Ea
0235	Sign, Type IIB	8100399	35.000	Sft
0240	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0245	Sign, Type III, Rem	8100403	6.000	Ea
0250	Sign, Type IIIB	8100405	144.000	Sft
0255	Reflective Panel for Permanent Sign Support, 3 foot	8100613	3.000	Ea
0260	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,250.000	Ft
0265	Pavt Mrkg, Polyurea, 6 inch, White	8110094	240.000	Ft
0270	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	83.000	Ft
0275	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,075.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,825.000	Ft
0285	Pavt Mrkg, Waterborne, 6 inch, White	8110233	185.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,075.000	Ft
0295	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	1,825.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	185.000	Ft
0305	Rem Spec Mrkg	8110343	176.000	Sft
0310	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0315	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	5.000	Ea
0320	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0325	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	7.000	Ea
0330	Recessing Pavt Mrkg, Longit	8110450	1,250.000	Ft
0335	Recessing Pavt Mrkg, Transv	8110451	966.000	Sft
0340	_ Pavt Mrkg, Inlay Cold Plastic, 24 inch, Crosswalk	8117001	320.000	Ft
0345	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	28.000	Ft
0350	_ Pavt Mrkg, Waterborne, 4 inch, Cross Hatching, White	8117001	1,555.000	Ft
0355	_ Pavt Mrkg, Waterborne, 4 inch, Cross Hatching,	8117001	150.000	Ft

Yellow

0360	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	3.000	Ea
0365	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0375	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0385	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0390	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0395	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0400	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0405	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0410	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0415	Sign, Type B, Temp, Prismatic, Furn	8120350	222.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	222.000	Sft
0425	_ Seeding Mixture, Hydromulch	8167011	6,736.000	Syd
0430	_ Topsoil Surface, Furn, 4 inch, Modified	8167011	6,736.000	Syd
0435	Conduit, DB, 1, 1 1/2 inch	8182048	15.000	Ft
0440	Conduit, DB, 3, 3 inch	8182056	15.000	Ft
0445	Hh, Polymer Conc	8182309	2.000	Ea
0450	Hh, Round	8182310	1.000	Ea
0455	Hh, Rem	8182330	1.000	Ea
0460	Wood Pole, Cl 4, 50 foot	8182353	1.000	Ea
0465	Wood Pole, Rem	8182363	1.000	Ea
0470	Wood Pole, Fit Up, TS Cable Pole	8182387	2.000	Ea
0475	_ Cable, P.J., 600V, 1, 7/C#16	8187001	600.000	Ft
0480	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0485	Light Std Fdn	8190279	2.000	Ea
0490	Light Std Fdn, Rem	8190280	3.000	Ea
0495	Light Std Shaft, Rem	8190305	1.000	Ea
0500	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
0505	Fdn, Rem	8200065	1.000	Ea
0510	Pedestal, Alum	8200100	1.000	Ea
0515	Pedestal, Fdn	8200105	1.000	Ea
0520	Pushbutton and Sign	8200121	1.000	Ea
0525	Pushbutton, Rem	8200122	1.000	Ea
0530	Span Wire	8200140	4.000	Ea
0535	Span Wire, Rem	8200141	4.000	Ea
0540	TS, Mast Arm Mtd, Rem	8200177	3.000	Ea
0545	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0550	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
0555	TS, One Way Span Wire Mtd, Salv	8200191	7.000	Ea
0560	TS, One Way Mast Arm Mtd, Salv	8200251	3.000	Ea
0565	TS, One Way Span Wire Mtd (LED)	8200313	4.000	Ea
0570	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0575	TS, Pedestrian, One Way Bracket Arm Mtd (LED)	8200336	3.000	Ea

	Countdown			
0580	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0585	TS, One Way Mast Arm Mtd (LED)	8200359	1.000	Ea
0590	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0595	Wireless Vehicle Sensor Node	8200425	21.000	Ea
0600	Wireless Vehicle Sensor Node, Rem	8200426	9.000	Ea
0605	Video Traf Detection Camera, Salv	8200442	1.000	Ea
0610	Casing	8200480	15.000	Ft
0615	Mast Arm, Rem	8202004	1.000	Ea
0620	Mast Arm Std, Rem	8202005	1.000	Ea
0625	_ Mast Arm Pole Fdn, 4 Bolt	8207001	12.000	Ft
0630	_ Mast Arm Pole, Salv	8207050	1.000	Ea
0635	_ Mast Arm, Salv	8207050	1.000	Ea
0640	_ Street Name Sign, Two Way, Illuminated, Rem	8207050	1.000	Ea
0645	_ Street Name Sign, Two Way, Illuminated, Salv	8207050	1.000	Ea
0650	Sanitary Structure, Adj, Add Depth	8252140	5.000	Ft
0655	Sanitary Structure Cover, Adj, Case 1	8252145	2.000	Ea
0660	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0665	Lightning Protection, Pole	8260021	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220902 032

Letting Date: September 2, 2022

Contract ID: 45031-211396

Description: 11.54 mi of hot mix asphalt micro cold milling, overband crack fill, ultra-thin overlay, roadside park pavement rehabilitation and pavement markings on M-22 from Ottawa Street to north of MacFarlane Road and M-109 from the M-22 south junction to west of Forest Haven Drive, Leelanau County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211396A	22A0835	N/A	ST 45011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$143,400.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	200.000	Ton
0015	_ Micro Cold Milling, HMA	5017011	222,159.000	Syd
0020	HMA, Ultra-Thin, Low Volume, Warranty	5040100	222,159.000	Syd
0025	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	72.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0040	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	110.000	Ft
0045	Pavt Mrkg, Waterborne, 6 inch, White	8110233	121,115.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	83,012.000	Ft
0055	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	121,115.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	83,012.000	Ft
0065	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0070	Recessing Pavt Mrkg, Longit	8110450	121,115.000	Ft
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	Mobile Attenuator	8120180	1.000	Ea
0095	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,000.000	Ft
0100	Plastic Drum, Fluorescent, Furn	8120252	375.000	Ea
0105	Plastic Drum, Fluorescent, Oper	8120253	375.000	Ea
0110	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	4,800.000	Ea
0115	Sign Cover	8120310	6.000	Ea
0120	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0125	Sign, Portable, Changeable Message, NTCIP-	8120333	2.000	Ea

	Compliant, Oper			
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	1,080.000	Sft
0135	Sign, Type B, Temp, Prismatic, Oper	8120351	1,080.000	Sft
0140	Traf Regulator Control	8120370	1.000	LSUM
0145	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0150	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0155	Monument Box	8210001	5.000	Ea
0160	Monument Preservation	8210010	5.000	Ea
0165	Centerline Corrugations, Milled, HMA	8220013	60,234.000	Ft
0170	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	114,507.000	Ft