

Schedule of Pay Items

Report v1

Letting Call: 230303 001

Letting Date: March 3, 2023

Contract ID: 82143-210075-2

Description: 4.94 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, concrete curb and gutter repairs, drainage improvements, concrete patching, sidewalk ramp upgrades, traffic signals, signing, bridge rehabilitation including healer/sealer, partial painting, bearing replacement, superstructure repair, substructure repair, pressure relief joints, concrete surface coating and pavement markings on M-102 from east of M-1 to M-53 and M-102 and I-75 N Ramp Winchester over I-75 in the cities of Detroit, Ferndale, Hazel Park, Oak Park and Warren, Wayne, Oakland and Macomb Counties. This project includes a 5 year and a 3 year materials and workmanship pavement warranty and a 2 year concrete surface coating warranty. This project is an OJT VIP project. Please see Special Provision for Preparation and Consideration of Bids on On-The-Job Training Voluntary Incentive Program Projects.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210075A	22A0637	N/A	NH 82143
214276A	22A0638	N/A	IM 82252

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	62,671.000	Dlr
0010	_ Railroad Inspection and Flagging, Grand Trunk Western Railroad Company	1027060	60,000.000	Dlr
0015	_ Railroad Protection, Grand Trunk Western Railroad Company	1027060	7,500.000	Dlr
0020	Dispute Review Board, Hearing	1040010	15,000.000	Dlr
0025	Dispute Review Board, Progress Meeting	1040050	70,000.000	Dlr
0030	_ Audio-Visual Filming	1047051	1.000	LSUM
0035	_ Relocation and Site Cleanup (S10 of 82252)	1077051	1.000	LSUM
0040	Mobilization, Max \$4,192,900.00	1100001	1.000	LSUM
0045	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0055	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0060	Dr Structure, Rem	2030011	13.000	Ea
0065	Sewer, Rem, Less than 24 inch	2030015	646.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	250.000	Ft
0075	_ Abandon Utility, Rem	2037001	715.000	Ft
0080	Asbestos Materials, Rem and Disposal	2040001	100,000.000	Dlr
0085	Curb and Gutter, Rem	2040020	3,010.000	Ft
0090	Fence, Rem	2040025	1,559.000	Ft
0095	Guardrail, Rem	2040035	637.000	Ft
0100	Masonry and Conc Structure, Rem	2040045	470.000	Cyd

0105	Pavt, Rem	2040050	31,298.000	Syd
0110	Sidewalk, Rem	2040055	18,988.000	Syd
0115	Exploratory Investigation, Vertical	2040080	3,420.000	Ft
0120	_ Advertising Bench, Rem	2047050	10.000	Ea
0125	_ Impact Attenuator, Rem and Disposal	2047050	1.000	Ea
0130	Embankment, CIP	2050010	2,498.000	Cyd
0135	Excavation, Earth	2050016	11,216.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,150.000	Cyd
0145	Subgrade Undercutting, Type II	2050041	1,100.000	Cyd
0150	Flowable Fill, Non-Structural	2050148	190.000	Cyd
0155	_ Flowable Fill	2057021	1,206.000	Cyd
0160	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0165	Erosion Control, Inlet Protection, Fabric Drop	2080020	749.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	15.000	Ea
0175	Erosion Control, Maintenance, Sediment Rem	2080026	30.000	Cyd
0180	Erosion Control, Silt Fence	2080036	1,400.000	Ft
0185	Project Cleanup	2090001	1.000	LSUM
0190	Subbase, CIP	3010002	1,038.000	Cyd
0195	Aggregate Base	3020001	3,054.000	Ton
0200	Aggregate Base, 4 inch	3020010	9,255.000	Syd
0205	Aggregate Base, 6 inch	3020016	9,721.000	Syd
0210	Aggregate Base, Conditioning	3020050	48,053.000	Syd
0215	Aggregate Base, Conditioning, Surplus and Unsuitable, Rem, LM	3022000	450.000	Cyd
0220	Salv Aggregate Base, Conditioning, LM	3022005	350.000	Cyd
0225	Driveway Maintenance, Commercial	3062000	9.000	Ea
0230	Driveway Maintenance, Residential	3062001	8.000	Ea
0235	Intersection Maintenance	3062002	2.000	Ea
0240	Sewer, CI A, 12 inch, Tr Det B	4020033	1,605.000	Ft
0245	Sewer, CI E, 12 inch, Tr Det B	4020600	289.000	Ft
0250	Sewer Tap, 12 inch	4021204	4.000	Ea
0255	Sewer Tap, 18 inch	4021206	3.000	Ea
0260	Video Taping Sewer and Culv Pipe	4021275	2,762.000	Ft
0265	_ Sewer, CI E, 12 inch, Modified	4027001	900.000	Ft
0270	Dr Structure Cover, Adj, Case 1, Modified	4030004	214.000	Ea
0275	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0280	Dr Structure Cover, Adj, Case 2	4030006	190.000	Ea
0285	Dr Structure Cover, Type B	4030010	190.000	Ea
0290	Dr Structure Cover, Type D	4030025	6.000	Ea
0295	Dr Structure Cover, Type J	4030045	2.000	Ea
0300	Dr Structure Cover, Type K	4030050	255.000	Ea
0305	Dr Structure Cover, Type R	4030070	48.000	Ea
0310	Dr Structure Cover, Type VG	4030090	14.000	Ea
0315	Dr Structure Lead, Cleaning, 10 inch	4030110	350.000	Ft

0320	Dr Structure Lead, Cleaning, 12 inch	4030112	4,200.000	Ft
0325	Dr Structure Lead, Cleaning, 15 inch	4030115	250.000	Ft
0330	Dr Structure Lead, Cleaning, 18 inch	4030118	100.000	Ft
0335	Dr Structure Lead, Cleaning, 24 inch	4030124	310.000	Ft
0340	Dr Structure, 24 inch dia	4030200	4.000	Ea
0345	Dr Structure, 48 inch dia	4030210	60.000	Ea
0350	Dr Structure, 72 inch dia	4030230	1.000	Ea
0355	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	11.000	Ft
0360	Dr Structure, Adj, Add Depth	4030280	500.000	Ft
0365	Dr Structure, Cleaning	4030290	85.000	Ea
0370	Dr Structure, Tap, 6 inch	4030306	58.000	Ea
0375	Dr Structure, Tap, 10 inch	4030310	2.000	Ea
0380	Dr Structure, Tap, 12 inch	4030312	113.000	Ea
0385	Dr Structure, Temp Lowering	4030390	344.000	Ea
0390	Drop Inlet, Type 1	4030395	5.000	Ea
0395	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0400	_ Dr Structure Cover, Type K, Modified	4037050	20.000	Ea
0405	_ Dr Structure Cover, Type VG, Modified	4037050	6.000	Ea
0410	_ Dr Structure, 24 inch dia, Modified	4037050	5.000	Ea
0415	_ Dr Structure, 48 inch dia, Modified	4037050	22.000	Ea
0420	_ Gate Well Cover	4037050	40.000	Ea
0425	_ Gate Well Cover, Adj, Case 1, City of Ferndale	4037050	5.000	Ea
0430	_ Gate Well Cover, Adj, Case 1, City of Hazel Park	4037050	6.000	Ea
0435	_ Gate Well Cover, Adj, Case 1, City of Warren	4037050	26.000	Ea
0440	_ Gate Well Cover, Adj, Case 1, Detroit Water and Sewerage Department	4037050	39.000	Ea
0445	_ Gate Well Cover, Adj, Case 1, Great Lakes Water Authority	4037050	82.000	Ea
0450	_ Gate Well Cover, Adj, Case 2, City of Hazel Park	4037050	1.000	Ea
0455	_ Gate Well Cover, Adj, Case 2, City of Oak Park	4037050	1.000	Ea
0460	_ Gate Well Cover, Adj, Case 2, City of Warren	4037050	11.000	Ea
0465	_ Gate Well Cover, Adj, Case 2, Detroit Water and Sewerage Department	4037050	21.000	Ea
0470	_ Gate Well Cover, Adj, Case 2, Great Lakes Water Authority	4037050	5.000	Ea
0475	_ Sewer Structure Cover	4037050	25.000	Ea
0480	_ Sewer Structure Cover, Adj, Case 1, City of Ferndale	4037050	6.000	Ea
0485	_ Sewer Structure Cover, Adj, Case 1, City of Warren	4037050	3.000	Ea
0490	_ Sewer Structure Cover, Adj, Case 1, Detroit Water and Sewerage Department	4037050	26.000	Ea
0495	_ Sewer Structure Cover, Adj, Case 2, City of Warren	4037050	2.000	Ea
0500	_ Sewer Structure Cover, Adj, Case 2, Detroit Water and Sewerage Department	4037050	24.000	Ea
0505	Underdrain, Pipe, Open-Graded, 6 inch	4040043	3,125.000	Ft
0510	Underdrain, Subbase, 6 inch	4040063	811.000	Ft
0515	Underdrain Outlet, 6 inch	4040093	349.000	Ft

0520	Video Inspection of Underdrain	4040200	4,285.000	Ft
0525	Pavt, Cleaning	5010001	1.000	LSUM
0530	Cold Milling HMA Surface	5010002	309,860.000	Syd
0535	Bump Grinding	5010004	2,775.000	Syd
0540	HMA Surface, Rem	5010005	110,228.000	Syd
0545	HMA Patch, Rem	5010006	750.000	Syd
0550	HMA Quality Initiative	5010007	170,676.000	Dlr
0555	Longit Joint Density Quality Initiative	5010018	240,200.000	Dlr
0560	Pavt Joint and Crack Repr, Det 7	5010020	17,700.000	Ft
0565	Pavt Joint and Crack Repr, Det 8	5010021	5,500.000	Ft
0570	Hand Patching	5010025	3,055.000	Ton
0575	HMA Approach	5010061	67.000	Ton
0580	HMA Approach, High Stress	5010520	11,877.000	Ton
0585	HMA, 5EMH	5012038	18,381.000	Ton
0590	HMA, 4EMH, High Stress	5012074	29,138.000	Ton
0595	HMA, 5EMH, High Stress	5012086	22,820.000	Ton
0600	Conc Base Cse, Nonreinf, 10 inch	6020023	28,721.000	Syd
0605	Joint, Contraction, Cp	6020200	12,988.000	Ft
0610	Joint, Expansion, E2	6020207	204.000	Ft
0615	Joint, Expansion, E3	6020208	172.000	Ft
0620	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	1,186.000	Syd
0625	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	274.000	Syd
0630	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	670.000	Syd
0635	_ Joint, Pressure Relief with Sleeper Slab	6027001	169.000	Ft
0640	Cement	6030005	552.000	Ton
0645	Joint, Contraction, Crg	6030020	24,923.000	Ft
0650	Joint, Expansion, Erg	6030021	250.000	Ft
0655	Lane Tie, Epoxy Anchored	6030030	36,307.000	Ea
0660	Non-Chloride Accelerator	6030035	19,016.000	Gal
0665	Pavt Repr, Nonreinf Conc, 11 inch	6030050	4,170.000	Syd
0670	Pavt Repr, Rem	6030080	20,180.000	Syd
0675	Saw Cut, Intermediate	6030090	15,600.000	Ft
0680	Conc, Low Temperature Protection	7060020	2,000.000	Cyd
0685	Reflective Marker, Permanent Barrier	7110003	62.000	Ea
0690	Bridge Railing, Thrie Beam Retrofit	7110006	1,375.000	Ft
0695	Bolt, Adhesive Anchored, 1/2 inch	7120040	8.000	Ea
0700	Obstruction Rem	7180100	65,000.000	Dlr
0705	_ Impact Attenuator, Test Level-3, Furn and Install, Type 3	8007050	2.000	Ea
0710	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0715	Driveway, Nonreinf Conc, 6 inch	8010005	781.000	Syd
0720	Driveway, Nonreinf Conc, 8 inch	8010007	8,158.000	Syd
0725	Curb and Gutter, Conc, Det B1	8020015	200.000	Ft
0730	Curb and Gutter, Conc, Det F3	8020037	14.000	Ft
0735	Curb and Gutter, Conc, Det F5	8020039	11,096.000	Ft

0740	Curb and Gutter, Conc, Det F6	8020040	168.000	Ft
0745	Driveway Opening, Conc, Det M	8020050	13,418.000	Ft
0750	Divider, Conc, Type I	8022000	1,007.000	Sft
0755	_ Curb and Gutter, Conc, Det F5, Modified, Case 1	8027001	7,210.000	Ft
0760	_ Curb and Gutter, Conc, Det F5, Modified, Case 2	8027001	1,575.000	Ft
0765	_ Valley Gutter, Conc, 2 Foot	8027001	949.000	Ft
0770	_ Valley Gutter, Conc, 4 Foot	8027001	2,899.000	Ft
0775	Detectable Warning Surface	8030010	1,310.000	Ft
0780	Curb Ramp Opening, Conc	8030030	2,040.000	Ft
0785	Sidewalk, Conc, 4 inch	8030044	35,626.000	Sft
0790	Sidewalk, Conc, 6 inch	8030046	6,629.000	Sft
0795	Sidewalk, Conc, 8 inch	8030048	64,616.000	Sft
0800	Curb Ramp, Conc, 6 inch	8032002	43,546.000	Sft
0805	_ Conc Pavers, Rem and Salv	8037010	1,053.000	Sft
0810	_ Existing Sidewalk, Clean and Edge	8037010	1,700.000	Sft
0815	_ Reinstall Conc Pavers on Aggregate and Sand Bed	8037010	920.000	Sft
0820	Glare Screen, Conc	8040015	1,406.000	Ft
0825	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	1,388.000	Ft
0830	_ Low Profile Barrier, Single Face	8047001	789.000	Ft
0835	_ Conc Barrier, Double Face, Mh Panel	8047050	4.000	Ea
0840	_ Low Profile Barrier Transition, Type 1	8047050	8.000	Ea
0845	Guardrail Approach Terminal, Type 3B	8070038	5.000	Ea
0850	Guardrail Approach Terminal, Type 2M	8070044	15.000	Ea
0855	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0860	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0865	Guardrail Departing Terminal, Type MGS	8070052	17.000	Ea
0870	Guardrail, Salv	8070075	7,757.000	Ft
0875	Guardrail Reflector	8070080	105.000	Ea
0880	Guardrail Post, Furn and Install, 72 inch	8070101	12.000	Ea
0885	Guardrail Post, Furn and Install, 84 inch	8070102	12.000	Ea
0890	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0895	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0900	Guardrail Anch, Bridge, Det M1, Curved	8072036	3.000	Ea
0905	Guardrail, Reconst, Type MGS-8	8072078	25.000	Ft
0910	Guardrail, Curved, Type B, 72 inch Post	8072141	25.000	Ft
0915	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	60.000	Ft
0920	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0925	Guardrail, Type B, 72 inch Post	8072171	25.000	Ft
0930	Guardrail, Type BD, 72 inch Post	8072173	25.000	Ft
0935	Guardrail, Type T, 84 inch Post	8072175	38.000	Ft
0940	Guardrail, Type MGS-8, 72 inch Post	8072179	401.000	Ft
0945	Guardrail, Type MGS-8D, 72 inch Post	8072181	1,075.000	Ft
0950	_ Guardrail Anch, Bridge, Det A3, Curved, Modified	8077050	2.000	Ea
0955	_ Guardrail Anch, Bridge, Det M1, Curved, Modified	8077050	1.000	Ea

0960	_ Hand Digging Guardrail Post	8077050	15.000	Ea
0965	Fence, Protective	8080007	1,200.000	Ft
0970	Fence, Chain Link, 48 inch	8080011	109.000	Ft
0975	Fence Gate, 12 foot, for 48 inch Chain Link Fence	8080051	2.000	Ea
0980	_ Fence, Chain Link with Wire Rope, 48 inch	8087001	1,438.000	Ft
0985	Band, Sign	8100010	215.000	Ea
0990	Bridge Sign Connection, Bolt Replacement	8100020	9.000	Ea
0995	Fdn, Wood Support, Rem	8100280	70.000	Ea
1000	Installing MDOT Supplied Sign, Type III	8100302	9.000	Ea
1005	Post Hole Through Conc for Steel Post	8100340	32.000	Ea
1010	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
1015	Post, Steel, 3 pound	8100371	15,834.000	Ft
1020	Post, Wood, 4 inch by 6 inch	8100380	806.000	Ft
1025	Post, Wood, 6 inch by 8 inch	8100382	600.000	Ft
1030	Sign, Type I, Rem	8100391	17.000	Ea
1035	Sign, Type IA	8100392	1,497.000	Sft
1040	Sign, Type II, Rem	8100397	92.000	Ea
1045	Sign, Type IIA	8100398	844.000	Sft
1050	Sign, Type IIB	8100399	79.000	Sft
1055	Sign, Type III, Erect, Salv	8100402	13.000	Ea
1060	Sign, Type III, Rem	8100403	1,021.000	Ea
1065	Sign, Type IIIA	8100404	1,804.000	Sft
1070	Sign, Type IIIB	8100405	4,785.000	Sft
1075	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1080	Sign, Type VB	8100425	944.000	Sft
1085	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
1090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	106.000	Ea
1095	Sign, Type III, Rem, Salv	8102003	13.000	Ea
1100	Ground Mtd Sign Support, Rem	8102010	1,108.000	Ea
1105	_ Hand Digging Sign Post	8107050	20.000	Ea
1110	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	37.000	Ft
1115	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	106.000	Ea
1120	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	5.000	Ea
1125	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	8.000	Ea
1130	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	43.000	Ea
1135	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
1140	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	8.000	Ea
1145	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	6,203.000	Ft
1150	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	275.000	Ft
1155	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	145.000	Ft
1160	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,112.000	Ft
1165	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	4,902.000	Ft
1170	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	13,050.000	Ft
1175	Rem Curing Compound, for Spec Mrkg	8110321	288.000	Sft

1180	Rem Spec Mrkg	8110343	400.000	Sft
1185	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
1190	Recessing Pavt Mrkg, Longit	8110450	73,525.000	Ft
1195	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	400.000	Ft
1200	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	67,351.000	Ft
1205	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	6,289.000	Ft
1210	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	445.000	Ft
1215	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	6,753.000	Ft
1220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	698.000	Ea
1225	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	698.000	Ea
1230	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
1235	Pedestrian Type II Channelizer, Temp	8120027	1,300.000	Ft
1240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
1245	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
1250	Conc Barrier Ending, Temp, Det 2, Adj	8120040	3.000	Ea
1255	Conc Barrier Ending, Temp, Det 2, Furn	8120041	5.000	Ea
1260	Conc Barrier Ending, Temp, Det 2, Oper	8120042	5.000	Ea
1265	Conc Barrier Reflector Replacement	8120070	100.000	Ea
1270	Conc Barrier, Temp, Adj	8120080	1,795.000	Ft
1275	Conc Barrier, Temp, Furn	8120081	1,795.000	Ft
1280	Conc Barrier, Temp, Oper	8120082	1,795.000	Ft
1285	High Intensity Light, Type B, Furn	8120110	4.000	Ea
1290	High Intensity Light, Type B, Oper	8120111	4.000	Ea
1295	Lighted Arrow, Type C, Furn	8120140	17.000	Ea
1300	Lighted Arrow, Type C, Oper	8120141	17.000	Ea
1305	Ltg for Night Work	8120160	1.000	LSUM
1310	Minor Traf Devices	8120170	1.000	LSUM
1315	Mobile Attenuator	8120180	4.000	Ea
1320	Pavt Mrkg Cover, Type R, Black	8120200	7,000.000	Ft
1325	Plastic Drum, Fluorescent, Furn	8120252	3,280.000	Ea
1330	Plastic Drum, Fluorescent, Oper	8120253	3,280.000	Ea
1335	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	3,210.000	Ft
1340	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	2,654.000	Ft
1345	Sign Cover	8120310	800.000	Ea
1350	Sign Cover, Type I	8120320	30.000	Ea
1355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	14.000	Ea
1360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	14.000	Ea
1365	Sign, Type A, Temp, Prismatic, Furn	8120340	1,271.000	Sft
1370	Sign, Type A, Temp, Prismatic, Oper	8120341	1,271.000	Sft
1375	Sign, Type B, Temp, Prismatic, Furn	8120350	12,704.000	Sft
1380	Sign, Type B, Temp, Prismatic, Oper	8120351	12,704.000	Sft

1385	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	879.000	Sft
1390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	879.000	Sft
1395	Traf Regulator Control	8120370	1.000	LSUM
1400	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	66,413.000	Ft
1405	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	30,360.000	Ft
1410	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	144,440.000	Ft
1415	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	16,905.000	Ft
1420	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	5,520.000	Ft
1425	Speed Radar Trailer, Temp	8122028	2.000	Ea
1430	Pedestrian Path, Temp	8122250	2,600.000	Ft
1435	Pedestrian Ramp, Temp	8122251	80.000	Ea
1440	Site Preparation, Max \$1,300.00	8150001	1.000	LSUM
1445	Watering and Cultivating, First Season, Min \$700.00	8150002	1.000	LSUM
1450	Watering and Cultivating, 2nd Season, Min \$800.00	8150003	1.000	LSUM
1455	_ Amelanchier x grandifolia 'Autumn Brilliance', clump form, 8 foot	8157050	3.000	Ea
1460	_ Malus 'Prairie Fire', 2 1/2 inch	8157050	2.000	Ea
1465	_ Syringa reticulata 'Ivory Pillar', 2 1/2 inch	8157050	2.000	Ea
1470	Slope Restoration, Non-Freeway, Type B	8162002	23,150.000	Syd
1475	_ Decorative Stone, Rem, Salv and Reinstall	8167010	49.000	Sft
1480	_ Shredded Bark Mulch, Rem, Salv and Reinstall	8167010	2,300.000	Sft
1485	_ Mulch, Shredded Bark	8167021	7.000	Cyd
1490	Power Company (Estimated Cost to Contractor)	8180001	28,000.000	Dlr
1495	Conduit, Rem	8182000	1,809.000	Ft
1500	Conduit, Encased, 4, 3 inch	8182007	1,000.000	Ft
1505	Conduit, Encased, 8, 3 inch	8182011	1,000.000	Ft
1510	Conduit, Encased, 12, 3 inch	8182015	1,000.000	Ft
1515	Conduit, Directional Bore, 1, 3 inch	8182035	470.000	Ft
1520	Conduit, Directional Bore, 2, 3 inch	8182037	1,025.000	Ft
1525	Conduit, Directional Bore, 3, 3 inch	8182039	255.000	Ft
1530	Conduit, DB, 1, 1 1/2 inch	8182048	1,415.000	Ft
1535	Conduit, DB, 2, 3 inch	8182053	150.000	Ft
1540	Conduit, DB, 3, 3 inch	8182056	759.000	Ft
1545	Conduit, DB, 4, 3 inch	8182059	65.000	Ft
1550	Conduit, DB, 1, 1 inch	8182060	360.000	Ft
1555	Cable, Rem	8182196	1,415.000	Ft
1560	Cable, Intercn, Rem	8182198	200.000	Ft
1565	Cable, Sec, Rem	8182199	2,005.000	Ft
1570	Cable Pole, Sec, Disman	8182206	3.000	Ea
1575	Cable Pole, TS and Sec, Disman	8182209	7.000	Ea
1580	Cable Pole, TS, Disman	8182210	9.000	Ea
1585	Cable, Sec, 600V, 1, 3/C#6	8182238	1,150.000	Ft

1590	Cable, Sec, Triplex, 1, 3/C#4	8182262	830.000	Ft
1595	Hh, Polymer Conc	8182309	36.000	Ea
1600	Hh, Round	8182310	86.000	Ea
1605	Hh, Round, 3 foot dia	8182319	8.000	Ea
1610	Hh, Adj	8182328	67.000	Ea
1615	Hh, Rem	8182330	52.000	Ea
1620	Wood Pole	8182347	3.000	Ea
1625	Wood Pole, Rem	8182363	4.000	Ea
1630	Serv Disconnect	8182366	23.000	Ea
1635	Serv Disconnect, Rem	8182367	18.000	Ea
1640	_ Cable, Rem and Salv	8187001	1,000.000	Ft
1645	_ Cable, Sec, Triplex, 1, 3/C#6	8187001	920.000	Ft
1650	_ Hh, Replace Frame and Cover, Detroit Public Lighting Department	8187050	20.000	Ea
1655	Light Std Arm, Install Salv	8190276	3.000	Ea
1660	Light Std Arm, Rem and Salv	8190278	3.000	Ea
1665	Luminaire, Install Salv	8190350	3.000	Ea
1670	Luminaire, Rem and Salv	8190365	3.000	Ea
1675	Case Sign, Rem	8200020	27.000	Ea
1680	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	27.000	Ea
1685	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	54.000	Ea
1690	Controller and Cabinet, Rem	8200030	17.000	Ea
1695	Controller Fdn, Base Mtd	8200045	7.000	Ea
1700	Controller Fdn, Rem	8200046	6.000	Ea
1705	Global Positioning System Module	8200050	18.000	Ea
1710	Global Positioning System Module, Rem	8200053	9.000	Ea
1715	Fdn, Rem	8200065	45.000	Ea
1720	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	18.000	Ea
1725	Pedestal, Alum	8200100	32.000	Ea
1730	Pedestal, Fdn	8200105	47.000	Ea
1735	Pedestal Fdn, Rem	8200106	20.000	Ea
1740	Pedestal, Rem	8200110	19.000	Ea
1745	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
1750	Pedestal, Pushbutton, Alum	8200118	14.000	Ea
1755	Pushbutton and Sign	8200121	40.000	Ea
1760	Pushbutton, Rem	8200122	18.000	Ea
1765	Span Wire	8200140	65.000	Ea
1770	Span Wire, Rem	8200141	31.000	Ea
1775	Span Wire Tether	8200142	64.000	Ea
1780	Steel Pole, Rem	8200145	44.000	Ea
1785	Steel Pole, Rem (Embedded)	8200146	4.000	Ea
1790	Strain Pole, Steel, Anchor Base, 30 foot	8200155	2.000	Ea
1795	Strain Pole, Steel, Anchor Fdn	8200165	2.000	Ea
1800	TS, Bracket Arm Mtd, Rem	8200175	9.000	Ea
1805	TS, Pedestal Mtd, Rem	8200179	7.000	Ea

1810	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	24.000	Ea
1815	TS, Pedestrian, Pedestal Mtd, Rem	8200181	12.000	Ea
1820	TS, Span Wire Mtd, Rem	8200182	54.000	Ea
1825	Cabinet, NEMA Type	8200186	18.000	Ea
1830	TS, One Way Span Wire Mtd (LED)	8200313	202.000	Ea
1835	TS, One Way Bracket Arm Mtd (LED)	8200333	14.000	Ea
1840	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	15.000	Ea
1845	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	23.000	Ea
1850	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	25.000	Ea
1855	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	5.000	Ea
1860	TS, Antenna	8200367	1.000	Ea
1865	TS, Antenna, Rem	8200368	3.000	Ea
1870	Bracket, Truss, Rem	8200388	5.000	Ea
1875	Wireless Intercn, Closed Loop, Rem	8200396	8.000	Ea
1880	Junction Box, Span Wire	8200456	62.000	Ea
1885	Junction Box, Rem	8200457	32.000	Ea
1890	TS Face, Bag	8200458	134.000	Ea
1895	TS Face, Bag, Rem	8200459	134.000	Ea
1900	Strain Pole, Steel, 6 bolt, 30 foot	8200460	76.000	Ea
1905	Strain Pole, Steel, 6 bolt, 36 foot	8200461	7.000	Ea
1910	Strain Pole Fdn, 6 Bolt	8200470	1,135.000	Ft
1915	Casing	8200480	619.000	Ft
1920	Cellular Modem, TS, 4th G	8200498	18.000	Ea
1925	Backplate, TS	8200501	216.000	Ea
1930	_ Controller, NEMA, ATC Type	8207050	18.000	Ea
1935	Monument Box	8210001	12.000	Ea
1940	Monument Box Adj	8210005	23.000	Ea
1945	Monument Preservation	8210010	23.000	Ea
1950	Protect Corners	8210020	65.000	Ea
1955	Water Serv, Conflict	8230250	30.000	Ea
1960	Gate Box, Adj, Temp, Case 1	8230391	28.000	Ea
1965	Gate Box, Adj, Temp, Case 2	8230392	6.000	Ea
1970	Water Shutoff, Reconst, Case 1	8230401	15.000	Ea
1975	Water Shutoff, Reconst, Case 2	8230402	15.000	Ea
1980	Gate Box, Reconst, Case 1	8230411	15.000	Ea
1985	Gate Box, Reconst, Case 2	8230412	10.000	Ea
1990	Water Shutoff, Adj, Case 1	8230421	15.000	Ea
1995	Water Shutoff, Adj, Case 2	8230422	16.000	Ea
2000	Gate Box, Adj, Case 1	8230431	25.000	Ea
2005	Gate Box, Adj, Case 2	8230432	21.000	Ea
2010	Polyethylene Encasement	8230440	115.000	Ft
2015	Water Main Conflict, 6 inch	8232023	12.000	Ea

2020	Water Main Conflict, 8 inch	8232024	12.000	Ea
2025	Water Main Conflict, 12 inch	8232026	11.000	Ea
2030	Water Main Conflict, 16 inch	8232027	5.000	Ea
2035	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	115.000	Ft
2040	_ Water Main, DI, 6 inch, Tr Det G, City of Oak Park	8237001	20.000	Ft
2045	_ Water Main, DI, 6 inch, Tr Det G, City of Warren	8237001	15.000	Ft
2050	_ Fire Hydrant, City of Oak Park	8237050	1.000	Ea
2055	_ Fire Hydrant, City of Warren	8237050	1.000	Ea
2060	_ Gate Valve and Box, 6 inch, City of Oak Park	8237050	1.000	Ea
2065	_ Gate Valve and Box, 6 inch, City of Warren	8237050	1.000	Ea
2070	_ Hydrant, Rem, City of Oak Park	8237050	1.000	Ea
2075	_ Hydrant, Rem, City of Warren	8237050	1.000	Ea
2080	Contractor Staking	8240001	1.000	LSUM
2085	Staking Plan Errors and Extras, Max \$180/hour	8240002	445.000	Hr
2090	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2095	Lightning Protection, Pole	8260021	18.000	Ea
2100	Fiber Optic, Cable, Single Mode Fiber, 6 Strand	8260046	450.000	Ft
2105	Fiber Optic, Hardware Assembly, Small	8260065	2.000	Ea
2110	Fiber Optic, Pigtail	8260071	4.000	Ea
2115	Fiber Optic, Jumper	8260072	4.000	Ea
2120	Managed Field Ethernet Switch, Layer 2	8260080	3.000	Ea

Section: 2

2125	Backfill, Structure, CIP	2060002	950.000	Cyd
2130	Excavation, Fdn	2060010	1,100.000	Cyd
2135	_ Underdrain Outlet, 10 inch, Modified	4047001	88.000	Ft
2140	False Decking	7060060	1,150.000	Sft
2145	Reinforcement, Steel, Epoxy Coated	7060092	45,385.000	Lb
2150	Substructure Conc, High Performance	7060101	179.000	Cyd
2155	Conc, Grade 3500, Subfooting	7062000	13.000	Cyd
2160	Conc, Grade 4500HP	7062004	21.000	Cyd
2165	Aesthetic Texturing	7062005	4.000	Syd
2170	_ Wood False Decking, Left in Place	7067010	1,000.000	Sft
2175	_ Bridge Debris Containment, Netting	7067011	1,330.000	Syd
2180	Joint Waterproofing	7100001	123.000	Sft
2185	Conc Surface Coating, Warranty (S10 of 82252)	7100009	1.000	LSUM
2190	Penetrating Healer/Sealer, Bridge Deck	7100025	9,750.000	Syd
2195	Substructure Horizontal Surface Sealer (S10 of 82252)	7100030	60.000	Syd
2200	Hand Chipping, Deep	7120004	207.000	Syd
2205	Hand Chipping, Other Than Deck	7120007	1,000.000	Cft
2210	Patch, Full Depth	7120010	17.000	Cyd
2215	Patch, Forming	7120017	1,865.000	Sft
2220	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	24.000	Ea
2225	Structures, Rehabilitation, Rem Portions (S10 of 82252)	7120070	1.000	LSUM

2230	Flushing Cracks, Water	7120098	425.000	Ft
2235	Structural Crack, Repr	7120099	425.000	Ft
2240	Patching Conc, C-L	7120112	90.000	Cyd
2245	Embedded Galvanic Anode	7120120	1,774.000	Ea
2250	Hand Chipping, Full Depth	7122000	450.000	Cft
2255	Bridge Joint, Strip Seal Gland Replacement	7122005	372.000	Ft
2260	_ Bridge Joints, Clean and Seal	7127001	55.000	Ft
2265	_ Deck, Scaling	7127010	2,585.000	Sft
2270	_ Bridge Cleaning (S10 of 82252)	7127051	1.000	LSUM
2275	Beam Plate, Seal Perimeter	7130010	3,240.000	Ft
2280	Heat Straightening Steel (S25 of 82252)	7130040	1.000	LSUM
2285	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	9,280.000	Lb
2290	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	31,172.000	Lb
2295	Support, Column, Temp	7130080	42.000	Ea
2300	Salv Support, Column, Temp	7132000	7.000	Ea
2305	Steel Structure, Cleaning, Partial, Type 4 (S10 of 82252)	7150047	1.000	LSUM
2310	Steel Structure, Cleaning, Partial, Type 4 (S25 of 82252)	7150047	1.000	LSUM
2315	Steel Structure, Coating, Partial, Type 4 (S10 of 82252)	7150048	1.000	LSUM
2320	Steel Structure, Coating, Partial, Type 4 (S25 of 82252)	7150048	1.000	LSUM
2325	Field Repr of Damaged Coating (S10 of 82252)	7160001	1.000	LSUM
2330	Deck Drain, Extension	7170065	2.000	Ea
2335	_ Downspout Replacement, Spec, Type 1	7177050	2.000	Ea
2340	_ Downspout Replacement, Spec, Type 2	7177050	1.000	Ea
2345	_ Downspout Replacement, Spec, Type 3	7177050	1.000	Ea
2350	_ Lane Separator System, Yellow	8117001	1,070.000	Ft



1/19/2023 3:28 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 002**Letting Date:** March 3, 2023**Contract ID:** 82022-212847

Description: Bridge rehabilitation including deep overlay, epoxy overlay, bridge railing retrofit, bridge railing replacement, expansion joint replacement, deck patching, guardrail replacement, sidewalk replacement and approach work on South Huron Road and Sibley Road over I-275 and Miller Road over I-94 in the city of Dearborn, Wayne County. This project includes a 2 year concrete surface coating warranty and a 5 year epoxy overlay warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212847A	N/A	N/A	M 82022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	10,015.000	Dlr
0010	Mobilization, Max \$324,900.00	1100001	1.000	LSUM
0015	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0025	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	63.000	Ft
0035	Fence, Rem	2040025	50.000	Ft
0040	Guardrail, Rem	2040035	959.000	Ft
0045	Pavt, Rem	2040050	2,728.000	Syd
0050	Sidewalk, Rem	2040055	52.000	Syd
0055	Embankment, CIP	2050010	2.000	Cyd
0060	Excavation, Earth	2050016	1,508.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0070	Erosion Control, Silt Fence	2080036	75.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	1,361.000	Cyd
0085	Open-Graded Dr Cse, 6 inch	3030006	2,758.000	Syd
0090	Geotextile, Separator	3080005	2,851.000	Syd
0095	Culv, Downspout, 12 inch	4010795	176.000	Ft
0100	Dr Marker Post	4011109	3.000	Ea
0105	Culv, Outlet Headwall, 12 inch	4012000	3.000	Ea
0110	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0115	Dr Structure Cover, Type K	4030050	2.000	Ea
0120	Dr Structure Cover, Type R	4030070	1.000	Ea
0125	Dr Structure, 48 inch dia	4030210	1.000	Ea
0130	HMA Surface, Rem	5010005	1,833.000	Syd

0135	Conc Pavt with Integral Curb, Nonreinf, 9 inch	6020166	10.000	Syd
0140	Joint, Contraction, Cp	6020200	965.000	Ft
0145	Joint, Contraction, C3p	6020201	101.000	Ft
0150	Joint, Expansion, E2	6020207	437.000	Ft
0155	Joint, Expansion, E3	6020208	164.000	Ft
0160	Joint, Expansion, E4	6020209	34.000	Ft
0165	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	2,041.000	Syd
0170	Shld, Nonreinf Conc, High Performance	6020524	198.000	Syd
0175	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	353.000	Syd
0180	Joint, Contraction, Crg	6030020	6.000	Ft
0185	Lane Tie, Epoxy Anchored	6030030	46.000	Ea
0190	Curb and Gutter, Conc, Det F5	8020039	255.000	Ft
0195	Downspout Header, Conc	8020070	2.000	Ea
0200	Curb and Gutter, Bridge Approach, Det 7	8022018	50.000	Ft
0205	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	138.000	Ft
0210	Sidewalk, Conc, 4 inch	8030044	460.000	Sft
0215	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0220	Guardrail Anch, Bridge, Det T3	8070024	1.000	Ea
0225	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0230	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0235	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0240	Guardrail Reflector	8070080	21.000	Ea
0245	Guardrail Anch, Bridge, Det M1	8070130	5.000	Ea
0250	Guardrail, Type MGS-8, 72 inch Post	8072179	551.000	Ft
0255	Fence, Woven Wire with Steel Post	8080002	50.000	Ft
0260	Delineator Reflector, Green	8100133	4.000	Ea
0265	Post, Rigid, Delineator	8100361	4.000	Ea
0270	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	416.000	Ft
0275	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,460.000	Ft
0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,169.000	Ft
0285	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	163.000	Ft
0290	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,076.000	Ft
0295	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,169.000	Ft
0300	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	163.000	Ft
0305	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0310	Pavt Mrkg, Waterborne, 4 inch, Shadow Liquid, Black	8112090	200.000	Ft
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0325	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0330	Pedestrian Type II Channelizer, Temp	8120027	4.000	Ft
0335	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0340	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0345	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea

0350	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0355	Conc Barrier, Temp, Adj	8120080	500.000	Ft
0360	Conc Barrier, Temp, Furn	8120081	500.000	Ft
0365	Conc Barrier, Temp, Oper	8120082	500.000	Ft
0370	Conc Barrier, Temp, Relocated	8120083	500.000	Ft
0375	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0385	Ltg for Night Work	8120160	1.000	LSUM
0390	Minor Traf Devices	8120170	1.000	LSUM
0395	Mobile Attenuator	8120180	2.000	Ea
0400	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0405	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0410	Sign Cover	8120310	10.000	Ea
0415	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0420	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0425	Sign, Type B, Temp, Prismatic, Furn	8120350	2,100.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	2,100.000	Sft
0435	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,800.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,800.000	Ft
0445	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0450	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0455	Riprap, Plain	8130010	12.000	Syd
0460	_ Turf Establishment, Performance	8167011	588.000	Syd
0465	Monument Box	8210001	1.000	Ea
0470	Monument Preservation	8210010	1.000	Ea
0475	Contractor Staking	8240001	1.000	LSUM
0480	Staking Plan Errors and Extras, Max \$180/hour	8240002	34.000	Hr

Section: 2

0485	HMA Patch, Rem	5010006	105.000	Syd
0490	Bridge Ltg, Furn and Rem (S03 of 82291)	7060001	1.000	LSUM
0495	Bridge Ltg, Oper and Maintain	7060002	296.000	Cyd
0500	Expansion Joint Device	7060050	107.000	Ft
0505	Expansion Joint Device, Cover Plate	7060051	15.000	Ft
0510	Reinforcement, Steel, Epoxy Coated	7060092	20,875.000	Lb
0515	Superstructure Conc, Form, Finish, and Cure (S31 of 82022)	7060111	1.000	LSUM
0520	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 82291)	7060112	1.000	LSUM
0525	Superstructure Conc, High Performance	7060116	41.000	Cyd
0530	Sealing Localized Cracks (S03 of 82291)	7060220	1.000	LSUM
0535	Conc, Grade 4500HP	7062004	12.000	Cyd
0540	Aesthetic Texturing	7062005	114.000	Syd

0545	_ Wood False Decking, Left in Place	7067010	9,619.000	Sft
0550	Conc Surface Coating, Warranty (S31 of 82022)	7100009	1.000	LSUM
0555	_ Silane Treatment	7107010	1,817.000	Sft
0560	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
0565	Bridge Railing, Conc Block Retrofit	7110007	295.000	Ft
0570	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	253.000	Ft
0575	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, Replacement, High Performance	7112098	253.000	Ft
0580	Scarifying	7120001	2,664.000	Syd
0585	Hand Chipping, Shallow	7120003	6.000	Syd
0590	Hand Chipping, Deep	7120004	2.000	Syd
0595	Hand Chipping, Other Than Deck	7120007	27.000	Cft
0600	Patch, Full Depth	7120010	18.000	Cyd
0605	Patch, Forming	7120017	179.000	Sft
0610	Epoxy Ovly, Rem	7120021	2,664.000	Syd
0615	Epoxy Ovly, Warranty	7120022	1,687.000	Syd
0620	Bridge Deck Surface Construction	7120025	2,664.000	Syd
0625	Conc, Silica Fume Modified	7120027	296.000	Cyd
0630	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	950.000	Ea
0635	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	372.000	Ea
0640	Structures, Rehabilitation, Rem Portions (S03 of 82291)	7120070	1.000	LSUM
0645	Structures, Rehabilitation, Rem Portions (S31 of 82022)	7120070	1.000	LSUM
0650	Deck Joint, Rem	7120071	107.000	Ft
0655	Hydrodemolition, First Pass	7120076	2,664.000	Syd
0660	Hydrodemolition, 2nd Pass	7120077	666.000	Syd
0665	Bridge Joint, Revise Expansion Device	7120080	6.000	Ea
0670	Patching Conc, C-L	7120112	3.000	Cyd
0675	Embedded Galvanic Anode	7120120	308.000	Ea
0680	Hand Chipping, Full Depth	7122000	410.000	Cft
0685	Bridge Joint, Strip Seal Gland Replacement	7122005	10.000	Ft
0690	Bridge Sign Connection, Steel, Type A1	8100060	3.000	Ea
0695	Bridge Sign Connection, Type A, Rem	8100080	3.000	Ea
0700	Sign, Type II, Rem	8100397	3.000	Ea
0705	Sign, Type IIB	8100399	46.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 230303 003

Letting Date: March 3, 2023

Contract ID: 47013-210068

Description: 7.46 mi of hot mix asphalt reconstruction and shoulder widening for flex route, construction of crash sites, interchange reconfigurations, cold milling and resurfacing, bridge replacement and bridge rehabilitation of 9 structures including temporary widening, epoxy overlay, substructure and railing patching, concrete surface coating, steel structure coating cleaning and coating and heat straightening, retaining wall, sound wall, ITS equipment, drainage, signing, lighting and pavement markings on US-23 from south of M-36 to Spencer Road, Livingston County. This project includes three 5 year materials and workmanship pavement warranties, a 2 year performance warranty for the concrete surface coating and a 5 year pavement performance warranty for the thin epoxy polymer bridge deck overlay. 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
210068A	23A0267	N/A	RBMP, NH 47013
212528A	N/A	N/A	M 47014

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	232,761.000	Dlr
0010	_ Railroad Inspection and Flagging, CSX Transportation	1027060	100,000.000	Dlr
0015	_ Railroad Protection, CSX Transportation	1027060	100,000.000	Dlr
0020	_ Reimbursed Permit Fees	1077060	37,500.000	Dlr
0025	Critical Path Method Schedule	1080005	15,000.000	Dlr
0030	Mobilization, Max \$13,153,500.00	1100001	1.000	LSUM
0035	Clearing	2010001	5.500	Acre
0040	Clearing, Fence	2010002	61.000	Sta
0045	_ Clearing, Fence, Spec	2017002	6.000	Sta
0050	_ Clearing, Spec	2017012	0.470	Acre
0055	Tree, Rem, 19 inch to 36 inch	2020002	15.000	Ea
0060	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0065	Tree, Rem, 6 inch to 18 inch	2020004	118.000	Ea
0070	Stump, Rem, 19 inch to 36 inch	2020006	14.000	Ea
0075	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0080	Stump, Rem, 6 inch to 18 inch	2020008	304.000	Ea
0085	Culv, Rem, Less than 24 inch	2030001	81.000	Ea
0090	Culv, Rem, 24 inch to 48 inch	2030002	7.000	Ea
0095	Culv, End, Rem, Less than 24 inch	2030005	39.000	Ea
0100	Culv, End, Rem, 24 inch to 48 inch	2030006	3.000	Ea

0105	Culv, End, Rem, Over 48 inch	2030007	2.000	Ea
0110	Dr Structure, Rem	2030011	84.000	Ea
0115	Sewer, Rem, Less than 24 inch	2030015	8,436.000	Ft
0120	Sewer, Rem, 24 inch to 48 inch	2030016	1,241.000	Ft
0125	_ Edge Drain, Rem	2037001	5,000.000	Ft
0130	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0135	Conc Barrier, Rem	2040010	4,239.000	Ft
0140	Curb and Gutter, Rem	2040020	91.000	Ft
0145	Fence, Rem	2040025	39,178.000	Ft
0150	Guardrail, Rem	2040035	35,145.000	Ft
0155	Masonry and Conc Structure, Rem	2040045	347.000	Cyd
0160	Pavt, Rem	2040050	68,309.000	Syd
0165	Sidewalk, Rem	2040055	507.000	Syd
0170	Exploratory Investigation, Vertical	2040080	5,170.000	Ft
0175	_ Pavt, Rem, Spec	2047011	4,339.000	Syd
0180	Backfill, Swamp	2050001	15,795.000	Cyd
0185	Ditch Cleanout	2050006	54.000	Sta
0190	Embankment, CIP	2050010	84,397.000	Cyd
0195	Excavation, Earth	2050016	637,001.000	Cyd
0200	Excavation, Peat	2050017	11,385.000	Cyd
0205	Granular Blanket, Type 1	2050020	1,000.000	Cyd
0210	Non Haz Contaminated Material Handling and Disposal, LM	2050031	15,000.000	Cyd
0215	Subgrade Undercutting, Type II	2050041	7,000.000	Cyd
0220	Subgrade Undercutting, Type IV	2050043	4,000.000	Cyd
0225	Flowable Fill, Non-Structural	2050148	395.000	Cyd
0230	_ Out of Serv Pipe, Rem, 6 Inch	2057001	2,250.000	Ft
0235	_ Embankment CIP, Clay	2057021	1,304.000	Cyd
0240	_ Embankment, CIP, Spec	2057021	32,376.000	Cyd
0245	Aggregate	2060005	432.000	Cyd
0250	Erosion Control, Check Dam, Stone	2080012	5,833.000	Ft
0255	Erosion Control, Gravel Access Approach	2080016	16.000	Ea
0260	Erosion Control, Gravel Filter Berm	2080018	653.000	Ft
0265	Erosion Control, Inlet Protection, Fabric Drop	2080020	372.000	Ea
0270	Erosion Control, Inlet Protection, Sediment Trap	2080024	73.000	Ea
0275	Erosion Control, Maintenance, Sediment Rem	2080026	230.000	Cyd
0280	Erosion Control, Sand Bag	2080028	1,060.000	Ea
0285	Erosion Control, Sediment Trap	2080034	405.000	Ea
0290	Erosion Control, Silt Fence	2080036	80,806.000	Ft
0295	Erosion Control, Turbidity Curtain, Deep	2080042	250.000	Ft
0300	Erosion Control, Turbidity Curtain, Shallow	2080044	250.000	Ft
0305	_ Erosion Control, Check Dam, Stone, Spec	2087001	48.000	Ft
0310	_ Straw Wattle	2087001	10,192.000	Ft
0315	Project Cleanup	2090001	1.000	LSUM
0320	Subbase, CIP	3010002	222,869.000	Cyd

0325	Aggregate Base	3020001	2,230.000	Ton
0330	Aggregate Base, 6 inch	3020016	395,078.000	Syd
0335	Aggregate Base, 8 inch	3020020	1,914.000	Syd
0340	_ Aggregate Base, 8 1/2 inch	3027011	35,088.000	Syd
0345	Aggregate Surface Cse, 6 inch	3060010	180.000	Syd
0350	Maintenance Gravel, LM	3060021	1,000.000	Cyd
0355	Driveway Maintenance, Commercial	3062000	18.000	Ea
0360	Driveway Maintenance, Residential	3062001	8.000	Ea
0365	Approach, CI II, 6 inch	3070028	1,122.000	Syd
0370	Shld, CI II	3070121	18,210.000	Ton
0375	Shld, CI II, 6 inch	3070128	1,050.000	Syd
0380	Shld, CI II, 8 inch, Temp	3070185	10,806.000	Syd
0385	Geotextile, Separator	3080005	1,695.000	Syd
0390	Geotextile, Separator, Non-Woven	3082000	1,500.000	Syd
0395	Road Grade Biaxial Geogrid	3082002	1,000.000	Syd
0400	Culv End Sect, 12 inch	4010012	52.000	Ea
0405	Culv End Sect, 15 inch	4010015	1.000	Ea
0410	Culv End Sect, 18 inch	4010018	28.000	Ea
0415	Culv End Sect, 24 inch	4010024	12.000	Ea
0420	Culv End Sect, 30 inch	4010030	5.000	Ea
0425	Culv End Sect, 36 inch	4010036	6.000	Ea
0430	Culv End Sect, Conc, 42 inch	4010054	3.000	Ea
0435	Culv End Sect, Conc, 48 inch	4010055	1.000	Ea
0440	Culv End Sect, Conc, 54 inch	4010056	3.000	Ea
0445	Culv End Sect, Conc, 60 inch	4010057	1.000	Ea
0450	Culv End Sect, Footing	4010072	108.000	Ea
0455	Culv, CI A, 12 inch	4010131	21.000	Ft
0460	Culv, CI A, 18 inch	4010133	1,019.000	Ft
0465	Culv, CI A, 24 inch	4010134	267.000	Ft
0470	Culv, CI A, 36 inch	4010136	60.000	Ft
0475	Culv, CI A, 54 inch	4010139	216.000	Ft
0480	Culv, CI A, Conc, 42 inch	4010171	10.000	Ft
0485	Culv, CI B, 24 inch	4010236	145.000	Ft
0490	Culv, CI B, 30 inch	4010237	130.000	Ft
0495	Culv, CI E, 12 inch	4010539	736.000	Ft
0500	Culv, CI E, 18 inch	4010541	248.000	Ft
0505	Culv, CI E, 24 inch	4010542	491.000	Ft
0510	Culv, CI E, 30 inch	4010543	84.000	Ft
0515	Culv, CI E, 42 inch	4010545	90.000	Ft
0520	Culv, CI E, Conc, 18 inch	4010575	88.000	Ft
0525	Culv, Downspout, 12 inch	4010795	892.000	Ft
0530	Culv, Reinf Conc Ellip, HE CI IV, 14 inch by 23 inch	4010901	76.000	Ft
0535	Culv, Reinf Conc Ellip, HE CI IV, 19 inch by 30 inch	4010902	313.000	Ft
0540	Culv, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch	4010904	79.000	Ft
0545	Culv, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch	4010905	201.000	Ft

0550	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	14.000	Ea
0555	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0560	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	22.000	Ea
0565	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	4.000	Ea
0570	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	1.000	Ea
0575	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0580	Culv, Slp End Sect, 1 on 4, 42 inch, Longit	4010931	2.000	Ea
0585	Culv, Slp End Sect, 1 on 4, 42 inch, Transv	4010932	2.000	Ea
0590	Culv, Slp End Sect, 1 on 4, 48 inch, Longit	4010933	1.000	Ea
0595	Culv, Slp End Sect, 1 on 4, 54 inch, Transv	4010936	1.000	Ea
0600	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	6.000	Ea
0605	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	4.000	Ea
0610	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	5.000	Ea
0615	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 14 inch by 23 inch, Transv	4011050	2.000	Ea
0620	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Transv	4011052	5.000	Ea
0625	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Longit	4011059	1.000	Ea
0630	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	4.000	Ea
0635	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Longit	4011061	1.000	Ea
0640	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Transv	4011062	1.000	Ea
0645	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Longit	4011081	2.000	Ea
0650	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Transv	4011082	2.000	Ea
0655	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 29 inch by 45 inch, Longit	4011089	1.000	Ea
0660	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 29 inch by 45 inch, Transv	4011090	1.000	Ea
0665	Dr Marker Post	4011109	130.000	Ea
0670	Outfall Label	4011115	9.000	Ea
0675	Steel Casing Pipe, 24 inch, Tr Det G	4011136	65.000	Ft
0680	Culv, Outlet Headwall, 12 inch	4012000	41.000	Ea
0685	Culv End Sect 18 inch, Grate	4012022	1.000	Ea
0690	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0695	_ Culv End Sect 30 inch, Grate	4017050	1.000	Ea
0700	_ Stoplog Structure	4017050	6.000	Ea
0705	Sewer, Cl A, 12 inch, Tr Det A	4020004	2,436.000	Ft
0710	Sewer, Cl A, 18 inch, Tr Det A	4020006	289.000	Ft
0715	Sewer, Cl A, 24 inch, Tr Det A	4020007	210.000	Ft
0720	Sewer, Cl A, 30 inch, Tr Det A	4020008	78.000	Ft
0725	Sewer, Cl A, 36 inch, Tr Det A	4020009	156.000	Ft
0730	Sewer, Cl A, 42 inch, Tr Det A	4020010	74.000	Ft
0735	Sewer, Cl A, 48 inch, Tr Det A	4020011	11.000	Ft
0740	Sewer, Cl A, 54 inch, Tr Det A	4020012	13.000	Ft

0745	Sewer, CI A, 12 inch, Tr Det B	4020033	14,010.000	Ft
0750	Sewer, CI A, 15 inch, Tr Det B	4020034	14.000	Ft
0755	Sewer, CI A, 18 inch, Tr Det B	4020035	2,118.000	Ft
0760	Sewer, CI A, 24 inch, Tr Det B	4020036	1,627.000	Ft
0765	Sewer, CI A, 30 inch, Tr Det B	4020037	320.000	Ft
0770	Sewer, CI A, 36 inch, Tr Det B	4020038	275.000	Ft
0775	Sewer, CI A, 42 inch, Tr Det B	4020039	1,234.000	Ft
0780	Sewer, CI A, 48 inch, Tr Det B	4020040	302.000	Ft
0785	Sewer, CI A, 54 inch, Tr Det B	4020041	643.000	Ft
0790	Sewer, CI A, 60 inch, Tr Det B	4020042	80.000	Ft
0795	Sewer, CI B, 18 inch, Tr Det A	4020155	20.000	Ft
0800	Sewer, CI B, 18 inch, Tr Det B	4020185	334.000	Ft
0805	Sewer, CI B, 36 inch, Tr Det B	4020188	193.000	Ft
0810	Sewer, CI B, 42 inch, Tr Det B	4020189	255.000	Ft
0815	Sewer, CI E, 12 inch, Tr Det B	4020600	1,784.000	Ft
0820	Sewer, CI E, 18 inch, Tr Det B	4020602	550.000	Ft
0825	Sewer, CI E, 24 inch, Tr Det B	4020603	256.000	Ft
0830	Sewer, CI E, 48 inch, Tr Det B	4020607	64.000	Ft
0835	Sewer, CI V, 36 inch, Jacked in Place	4021190	286.000	Ft
0840	Sewer Tap, 12 inch	4021204	1.000	Ea
0845	Sewer Tap, 24 inch	4021207	1.000	Ea
0850	Trench Undercut and Backfill	4021260	1,000.000	Cyd
0855	Video Taping Sewer and Culv Pipe	4021275	25,015.000	Ft
0860	Sewer, Reinf Conc Ellip, HE CI A, 19 inch by 30 inch, Tr Det A	4021281	15.000	Ft
0865	Sewer, Reinf Conc Ellip, HE CI A, 34 inch by 53 inch, Tr Det A	4021285	73.000	Ft
0870	Sewer, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch, Tr Det B	4021304	1,096.000	Ft
0875	Sewer, Reinf Conc Ellip, HE CI A, 34 inch by 53 inch, Tr Det B	4021305	204.000	Ft
0880	Sewer, Reinf Conc Ellip, HE CI II, 29 inch by 45 inch, Tr Det A	4021364	29.000	Ft
0885	Sewer, Reinf Conc Ellip, HE CI III, 14 inch by 23 inch, Tr Det A	4021400	65.000	Ft
0890	Sewer, Reinf Conc Ellip, HE CI IV, 29 inch by 45 inch, Tr Det B	4021454	295.000	Ft
0895	_ Slotted Drain, Galv, 12 Inch	4027001	1,540.000	Ft
0900	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0905	Dr Structure Cover, Type B	4030010	54.000	Ea
0910	Dr Structure Cover, Type CX	4030020	44.000	Ea
0915	Dr Structure Cover, Type E	4030035	1.000	Ea
0920	Dr Structure Cover, Type G	4030040	7.000	Ea
0925	Dr Structure Cover, Type J	4030045	153.000	Ea
0930	Dr Structure Cover, Type K	4030050	8.000	Ea
0935	Dr Structure Cover, Type RX	4030075	2.000	Ea
0940	Dr Structure Cover, Type V	4030085	27.000	Ea

0945	Dr Structure Cover, Type VG	4030090	85.000	Ea
0950	Dr Structure, 24 inch dia	4030200	50.000	Ea
0955	Dr Structure, 48 inch dia	4030210	282.000	Ea
0960	Dr Structure, 60 inch dia	4030220	21.000	Ea
0965	Dr Structure, 72 inch dia	4030230	27.000	Ea
0970	Dr Structure, 84 inch dia	4030231	6.000	Ea
0975	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	8.000	Ft
0980	Dr Structure, 96 inch dia	4030234	2.000	Ea
0985	Dr Structure, 108 inch dia	4030237	1.000	Ea
0990	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	114.000	Ft
0995	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	3.000	Ft
1000	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	19.000	Ft
1005	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	4.000	Ft
1010	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	66.000	Ft
1015	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
1020	Dr Structure, Tap, 6 inch	4030306	274.000	Ea
1025	Dr Structure, Tap, 12 inch	4030312	9.000	Ea
1030	Dr Structure, Tap, 15 inch	4030315	2.000	Ea
1035	Dr Structure, Tap, 18 inch	4030318	3.000	Ea
1040	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
1045	_ Dr Structure Cover, Type D, Modified	4037050	19.000	Ea
1050	_ Dr Structure Cover, Type VG, Modified	4037050	10.000	Ea
1055	Underdrain, Bank, 6 inch	4040003	500.000	Ft
1060	Underdrain, Subbase, 6 inch	4040063	120,712.000	Ft
1065	Underdrain, Subgrade, 6 inch	4040073	2,500.000	Ft
1070	Underdrain Outlet, 6 inch	4040093	7,891.000	Ft
1075	Underdrain, Outlet Ending, 6 inch	4040113	20.000	Ea
1080	Video Inspection of Underdrain	4040200	123,980.000	Ft
1085	_ Underdrain Outlet, 6 inch, Modified	4047001	1,595.000	Ft
1090	_ Underdrain Outlet Ending, Modified	4047050	245.000	Ea
1095	Pavt, Cleaning	5010001	1.000	LSUM
1100	Cold Milling HMA Surface	5010002	260,364.000	Syd
1105	Bump Grinding	5010004	2,475.000	Syd
1110	HMA Surface, Rem	5010005	231,974.000	Syd
1115	HMA Quality Initiative	5010007	388,106.000	Dlr
1120	Pavt for Butt Joints, Rem	5010008	3,583.000	Syd
1125	Longit Joint Density Quality Initiative	5010018	631,738.000	Dlr
1130	Pavt Joint and Crack Repr, Det 7	5010020	8,650.000	Ft
1135	Pavt Joint and Crack Repr, Det 8	5010021	170.000	Ft
1140	Hand Patching	5010025	480.000	Ton
1145	HMA Approach	5010061	38,075.000	Ton

1150	HMA Approach, High Stress	5010520	7,469.000	Ton
1155	HMA, 3EML	5012013	45,365.000	Ton
1160	HMA, 3EMH	5012014	23,263.000	Ton
1165	HMA, 4EML	5012025	11,666.000	Ton
1170	HMA, 4EMH	5012026	19,546.000	Ton
1175	HMA, 5EML	5012037	22,577.000	Ton
1180	HMA, 5EMH	5012038	25,612.000	Ton
1185	HMA, Temp Pavt (4EML)	5012103	3,037.000	Ton
1190	_ Pavt, Temp	5017011	70,468.000	Syd
1195	_ Pavt, Temp, Rem	5017011	70,468.000	Syd
1200	_ Ride Incentive	5017060	128,617.000	Dlr
1205	Conc Base Cse, Nonreinf, 8 inch	6020019	73,513.000	Syd
1210	Conc Base Cse, Nonreinf, 9 inch	6020021	2,947.000	Syd
1215	Conc Pavt, Misc, Nonreinf, 9 inch	6020056	135.000	Syd
1220	Joint, Contraction, Cp	6020200	59,341.000	Ft
1225	Joint, Contraction, C3p	6020201	61.000	Ft
1230	Joint, Expansion, E2	6020207	123.000	Ft
1235	Joint, Expansion, E3	6020208	534.000	Ft
1240	Joint, Pressure Relief	6020213	49.000	Ft
1245	Conc Pavt, Bridge Approach, Reinf	6020600	710.000	Syd
1250	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,220.000	Syd
1255	_ Conc Pavt, Decorative, Nonreinf, 4 inch	6027011	4,373.000	Syd
1260	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	2,884.000	Syd
1265	Cement	6030005	1,300.000	Ton
1270	Cold Milling Conc Pavt	6030014	14,000.000	Syd
1275	Joint, Contraction, Crg	6030020	53,000.000	Ft
1280	Joint, Expansion, Erg	6030021	5,000.000	Ft
1285	Lane Tie, Epoxy Anchored	6030030	66,189.000	Ea
1290	Non-Chloride Accelerator	6030035	6,850.000	Gal
1295	Pavt Repr, Nonreinf Conc, 8 inch	6030044	147.000	Syd
1300	Pavt Repr, Rem	6030080	12,350.000	Syd
1305	Saw Cut, Intermediate	6030090	53,000.000	Ft
1310	_ Pavt Repr, Nonreinf Conc, 14 inch	6037011	12,350.000	Syd
1315	Steel Sheet Piling, Permanent	7040001	3,316.000	Sft
1320	Steel Sheet Piling, Temp	7040002	7,500.000	Sft
1325	Reinforcement, Steel, Culv and Headwall	7060091	640.000	Lb
1330	Conc, Grade 3500	7062001	15.000	Cyd
1335	_ Cable, Ethernet, Outdoor, 600V	8007001	55.000	Ft
1340	_ Conduit, Clean and Test	8007001	1,955.000	Ft
1345	_ Fiber Optic, Cable, Reinstall	8007001	90.000	Ft
1350	_ Fiber Optic, Cable, Rem	8007001	35.000	Ft
1355	_ Cabinet Equipment, Cable Modem, Rem and Salv	8007050	4.000	Ea
1360	_ Cabinet Equipment, Cellular Modem, Rem	8007050	6.000	Ea
1365	_ Cabinet Equipment, Power Distribution Unit, Rem	8007050	10.000	Ea
1370	_ Cabinet Equipment, Serv Delivery Switch, Rem and	8007050	1.000	Ea

	Salv			
1375	_ Cabinet Modifications	8007050	9.000	Ea
1380	_ Cabinet, ATC Ramp Metering	8007050	1.000	Ea
1385	_ Cellular Modem, 4G	8007050	1.000	Ea
1390	_ Digital Video Encoder, Rem	8007050	9.000	Ea
1395	_ Ethernet Private Line Serv, Integrate	8007050	1.000	Ea
1400	_ Hh, Clean	8007050	22.000	Ea
1405	_ ITS Cabinet, (Environmentally Controlled Ground Mtd, Standard)	8007050	1.000	Ea
1410	_ ITS Cabinet, (Ground Mtd, Large)	8007050	20.000	Ea
1415	_ ITS Cabinet, (Pole Mtd, Small)	8007050	1.000	Ea
1420	_ Lane Control System, 3 Panel	8007050	9.000	Ea
1425	_ Lane Control System, 3 Panel, with Dynamic Message Sign	8007050	11.000	Ea
1430	_ Lane Control System, Rem	8007050	2.000	Ea
1435	_ Managed Field Ethernet Switch, Layer 3, 24 Port	8007050	1.000	Ea
1440	_ Power Distribution Unit	8007050	31.000	Ea
1445	_ Rack-Mtd Step-Down Transformer, 7.5kV AMP	8007050	7.000	Ea
1450	_ Rack-Mtd Step-Up Transformer, 15kV AMP	8007050	4.000	Ea
1455	_ Surveillance System, Remote Site, Type A, Rem	8007050	5.000	Ea
1460	_ Surveillance System, Remote Site, Type B, Rem	8007050	2.000	Ea
1465	_ Wireless Link, 5.8 gigahertz, Access Point	8007050	1.000	Ea
1470	_ Wireless Link, 5.8 gigahertz, Subscriber Unit	8007050	2.000	Ea
1475	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
1480	_ Ramp Metering System Integration and Testing	8007051	1.000	LSUM
1485	_ System Testing	8007051	1.000	LSUM
1490	_ Ethernet Private Line Service Monthly Fees	8007060	10,000.000	Dlr
1495	_ Ethernet Private Line Service Provider	8007060	21,000.000	Dlr
1500	Driveway, Nonreinf Conc, 9 inch	8010008	388.000	Syd
1505	Curb, Conc, Det E1	8020001	1,283.000	Ft
1510	Curb, Conc, Det G2	8020006	452.000	Ft
1515	Curb and Gutter, Conc, Det B2	8020016	11,432.000	Ft
1520	Curb and Gutter, Conc, Det D1	8020030	54.000	Ft
1525	Curb and Gutter, Conc, Det D2	8020031	10,547.000	Ft
1530	Curb and Gutter, Conc, Det F6	8020040	638.000	Ft
1535	Driveway Opening, Conc, Det M	8020050	1,219.000	Ft
1540	Valley Gutter, Conc	8020060	1,658.000	Ft
1545	Downspout Header, Conc	8020070	38.000	Ea
1550	Spillway, Conc	8020075	59.000	Ft
1555	Curb and Gutter, Bridge Approach, Det 1	8022010	100.000	Ft
1560	Curb and Gutter, Bridge Approach, Det 3	8022012	206.000	Ft
1565	Curb and Gutter, Bridge Approach, Det 5	8022016	241.000	Ft
1570	Curb and Gutter, Bridge Approach, Det 6	8022017	95.000	Ft
1575	Curb and Gutter, Bridge Approach, Det 7	8022018	252.000	Ft
1580	_ Curb and Gutter, Conc, Det B2, Modified	8027001	2,514.000	Ft

1585	_ Curb and Gutter, Conc, Det B2, Modified, Island Nosing	8027001	1,074.000	Ft
1590	_ Curb and Gutter, Conc, Det D1, Modified	8027001	1,769.000	Ft
1595	_ Valley Gutter, Conc, Modified	8027001	13,510.000	Ft
1600	Detectable Warning Surface	8030010	401.000	Ft
1605	Curb Ramp Opening, Conc	8030030	431.000	Ft
1610	Sidewalk, Conc, 7 inch	8030047	448.000	Sft
1615	_ Curb Ramp, Conc, 6 inch, Spec	8037010	10,166.000	Sft
1620	_ Sidewalk, Conc, 6 inch, Spec	8037010	26,452.000	Sft
1625	Conc Barrier, Single Face, Type A	8040001	927.000	Ft
1630	Glare Screen, Conc	8040015	6,179.000	Ft
1635	Glare Screen, Conc, Split	8040016	575.000	Ft
1640	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	6,179.000	Ft
1645	_ Conc Barrier, Single Face, Type A, Modified	8047001	585.000	Ft
1650	_ Conc Barrier, Split, Type A, Spec	8047001	575.000	Ft
1655	Curb Slp, HMA	8050010	1,940.000	Ft
1660	Guardrail Anch, Bridge, Det T1	8070022	11.000	Ea
1665	Guardrail Anch, Bridge, Det T2, Temp	8070031	2.000	Ea
1670	Guardrail Anch, Median	8070035	5.000	Ea
1675	Guardrail Approach Terminal, Type 3B	8070038	5.000	Ea
1680	Guardrail Approach Terminal, Type 2M	8070044	64.000	Ea
1685	Guardrail Approach Terminal, Type 2M, Temp	8070049	18.000	Ea
1690	Guardrail Departing Terminal, Type MGS	8070052	48.000	Ea
1695	Guardrail Departing Terminal, Type B, Temp	8070055	2.000	Ea
1700	Guardrail, Salv	8070075	124.000	Ft
1705	Guardrail Reflector	8070080	116.000	Ea
1710	Post, Mailbox	8070095	7.000	Ea
1715	Guardrail, Reconst, Type TD	8070110	38.000	Ft
1720	Guardrail Anch, Bridge, Det M1	8070130	15.000	Ea
1725	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
1730	Guardrail Anch, Bridge, Det M7	8070136	7.000	Ea
1735	Cable Barrier, High Tension, Rem	8070200	18,995.000	Ft
1740	Cable Barrier, High Tension, Salv	8070201	5,081.000	Ft
1745	Cable Barrier, High Tension, Reconst	8070202	5,058.000	Ft
1750	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	88.000	Ea
1755	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	22.000	Ea
1760	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	800.000	Ft
1765	Guardrail, Long Span, Det MGS-1	8072121	31.000	Ea
1770	Guardrail, Curved, Temp, Type B, 72 inch Post	8072148	25.000	Ft
1775	Guardrail, Type MGS-8, 72 inch Post	8072179	34,399.000	Ft
1780	Guardrail, Type MGS-8, 108 inch Post	8072180	5,145.000	Ft
1785	Guardrail, Type MGS-8D, 72 inch Post	8072181	15,454.000	Ft
1790	Guardrail, Temp, Type B, 72 inch Post	8072191	13.000	Ft
1795	Guardrail, Temp, Type T, 84 inch Post	8072195	1,288.000	Ft

1800	_ Cable Barrier, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077001	242.000	Ft
1805	_ Cable Barrier Terminal, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077050	6.000	Ea
1810	_ Hand Digging Guardrail Post	8077050	23.000	Ea
1815	Fence, Woven Wire with Wood Post	8080001	617.000	Ft
1820	Fence, Woven Wire with Steel Post	8080002	37,671.000	Ft
1825	Fence, Temp	8080004	354.000	Ft
1830	Fence Gate, 12 foot, for Woven Wire	8080005	1.000	Ea
1835	Fence, Chain Link, 72 inch	8080013	980.000	Ft
1840	Fence Gate, 12 foot, for 72 inch Chain Link Fence	8080053	1.000	Ea
1845	_ Fence, Spec	8087001	80.000	Ft
1850	Field Office, CI 2	8090002	36.000	Mo
1855	Field Office, Utility Fees	8090010	10,800.000	Dlr
1860	Band, Sign	8100010	104.000	Ea
1865	Bridge Sign Connection, Bolt Replacement	8100020	2.000	Ea
1870	Bridge Sign Connection, Conc, Type A1	8100031	12.000	Ea
1875	Bridge Sign Connection, Steel, Type B	8100061	2.000	Ea
1880	Bridge Sign Connection, Type A, Rem	8100080	14.000	Ea
1885	Bridge Sign Connection, Type B, Rem	8100081	2.000	Ea
1890	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
1895	Bridge Sign Connection, Type E, Rem	8100084	5.000	Ea
1900	Bridge Sign Connection, Type F, Rem	8100085	4.000	Ea
1905	Cantilever, Rem	8100090	3.000	Ea
1910	Cantilever, Type E	8100104	3.000	Ea
1915	Column, Breakaway, W8 x 13	8100120	50.000	Ea
1920	Column, Breakaway, W8 x 18	8100121	34.000	Ea
1925	Delineator Reflector, Red	8100131	12.000	Ea
1930	Delineator Reflector, Yellow	8100132	35.000	Ea
1935	Delineator Reflector, Green	8100133	209.000	Ea
1940	Delineator Reflector, White	8100134	574.000	Ea
1945	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	25.000	Ea
1950	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	14.000	Ea
1955	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	117.000	Ea
1960	Fdn, Breakaway, W8 x 13	8100160	50.000	Ea
1965	Fdn, Breakaway, W8 x 18	8100161	34.000	Ea
1970	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	52.000	Ft
1975	Fdn, Cantilever Sign Structure Type E, 54 inch dia, Cased	8100172	28.000	Ft
1980	Fdn, Cantilever, Rem	8100190	2.000	Ea
1985	Fdn, Column Breakaway, Rem	8100220	39.000	Ea
1990	Fdn, Truss Sign Structure Type E, 48 inch dia, Cased	8100250	1,705.000	Ft
1995	Fdn, Truss Sign Structure Type E, 54 inch dia, Cased	8100252	118.000	Ft
2000	Fdn, Truss, Rem	8100260	4.000	Ea

2005	Fdn, Wood Support, Rem	8100280	127.000	Ea
2010	Installing MDOT Supplied Sign, Type III	8100302	18.000	Ea
2015	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	7.000	Ea
2020	Perforated Steel Square Tube Breakaway System	8100330	238.000	Ea
2025	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	46.000	Ea
2030	Post Hole Through Conc for Steel Post	8100340	159.000	Ea
2035	Post Hole Through Conc for Wood Post	8100341	17.000	Ea
2040	Delineator, Rem	8100349	918.000	Ea
2045	Post, Flexible, Delineator	8100360	117.000	Ea
2050	Post, Rigid, Delineator	8100361	818.000	Ea
2055	Post, Steel, 3 pound	8100371	4,885.000	Ft
2060	Post, Wood, 4 inch by 6 inch	8100380	2,206.000	Ft
2065	Post, Wood, 6 inch by 8 inch	8100382	1,706.000	Ft
2070	Sign, Type I, Rem	8100391	55.000	Ea
2075	Sign, Type IA	8100392	7,269.000	Sft
2080	Sign, Type IB	8100393	1,261.000	Sft
2085	Sign, Type II, Rem	8100397	99.000	Ea
2090	Sign, Type IIA	8100398	1,211.000	Sft
2095	Sign, Type IIB	8100399	1,159.000	Sft
2100	Sign, Type III, Rem	8100403	364.000	Ea
2105	Sign, Type IIIA	8100404	1,513.000	Sft
2110	Sign, Type IIIB	8100405	1,984.000	Sft
2115	Transporting Salv MDOT Materials	8100420	1.000	LSUM
2120	Sign, Type V, Rem	8100421	18.000	Ea
2125	Sign, Type VB	8100425	486.000	Sft
2130	Truss, Rem	8100440	2.000	Ea
2135	Truss, Type E, 70 foot	8100488	11.000	Ea
2140	Truss, Type E, 80 foot	8100490	1.000	Ea
2145	Truss, Type E, 85 foot	8100491	3.000	Ea
2150	Truss, Type E, 95 foot	8100493	1.000	Ea
2155	Reflective Panel for Permanent Sign Support, 3 foot	8100613	168.000	Ea
2160	Reflective Panel for Permanent Sign Support, 6 foot	8100616	94.000	Ea
2165	Ground Mtd Sign Support, Rem	8102010	569.000	Ea
2170	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mtd	8107001	14,934.000	Ft
2175	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mtd	8107001	71,537.000	Ft
2180	_ Guardrail Long Span, Det MGS-1, Modified	8107001	1.000	Ft
2185	_ Truss, Type E, 70 foot, Modified	8107050	9.000	Ea
2190	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	945.000	Ft
2195	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	36.000	Ea
2200	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
2205	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	6.000	Ea
2210	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	18.000	Ea

2215	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	14.000	Ea
2220	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
2225	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	8.000	Ea
2230	Pavt Mrkg, Ovly Cold Plastic, Lt Roundabout Arrow Sym	8110085	4.000	Ea
2235	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Roundabout Arrow Sym	8110086	9.000	Ea
2240	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,382.000	Ft
2245	Pavt Mrkg, Polyurea, 12 inch, White	8110111	426.000	Ft
2250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	39.000	Ft
2255	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	6.000	Ea
2260	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	3,125.000	Ft
2265	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	690.000	Ft
2270	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	8,409.000	Ft
2275	Rem Spec Mrkg	8110343	1,650.000	Sft
2280	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
2285	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	29,160.000	Ft
2290	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Wet Reflective, White	8110383	2,672.000	Ft
2295	Recessing Pavt Mrkg, Longit	8110450	307,047.000	Ft
2300	Recessing Pavt Mrkg, Transv	8110451	6,493.000	Sft
2305	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	107,523.000	Ft
2310	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	14,734.000	Ft
2315	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	158,300.000	Ft
2320	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Roundabout Arrow Sym	8112163	1.000	Ea
2325	_ Pavt Mrkg, Anti-Skid Spec Mrkg, 24 inch, Stop Bar	8117001	15.000	Ft
2330	_ Pavt Mrkg, Preformed Thermopl, I96 Route Shield, 8 foot by 20 foot	8117050	3.000	Ea
2335	_ Pavt Mrkg, Preformed Thermopl, US23 Route Shield, 8 foot by 20 foot	8117050	3.000	Ea
2340	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
2345	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
2350	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
2355	Pedestrian Type II Channelizer, Temp	8120027	420.000	Ft
2360	Conc Barrier Ending, Temp, Det 2, Adj	8120040	4.000	Ea
2365	Conc Barrier Ending, Temp, Det 2, Furn	8120041	22.000	Ea
2370	Conc Barrier Ending, Temp, Det 2, Oper	8120042	22.000	Ea
2375	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	65.000	Ea
2380	Conc Barrier Reflector Replacement	8120070	620.000	Ea
2385	Conc Barrier, Temp, Adj	8120080	66,920.000	Ft
2390	Conc Barrier, Temp, Furn	8120081	46,980.000	Ft
2395	Conc Barrier, Temp, Oper	8120082	46,980.000	Ft
2400	Conc Barrier, Temp, Relocated	8120083	187,640.000	Ft

2405	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	10.000	Ea
2410	Delineator, Flexible, Temp, Furn	8120091	320.000	Ea
2415	Delineator, Flexible, Temp, Oper	8120092	320.000	Ea
2420	Glare Screen, Temp	8120094	16,450.000	Ft
2425	Glare Screen, Temp, Relocated	8120095	51,480.000	Ft
2430	Glare Screen, Temp, Complete Sect, Replaced	8120096	420.000	Ea
2435	Tubular Marker	8120097	110.000	Ea
2440	Tubular Marker, Replacement	8120098	55.000	Ea
2445	High Intensity Light, Type B, Furn	8120110	26.000	Ea
2450	High Intensity Light, Type B, Oper	8120111	26.000	Ea
2455	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
2460	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
2465	Ltg for Night Work	8120160	1.000	LSUM
2470	Minor Traf Devices	8120170	1.000	LSUM
2475	Mobile Attenuator	8120180	4.000	Ea
2480	Part Width Intersection Construction	8120190	4.000	Ea
2485	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	412,600.000	Ft
2490	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	42,300.000	Ft
2495	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	3,900.000	Ft
2500	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	120.000	Ft
2505	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	14,920.000	Ft
2510	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	36,720.000	Ft
2515	Plastic Drum, Fluorescent, Furn	8120252	1,840.000	Ea
2520	Plastic Drum, Fluorescent, Oper	8120253	1,840.000	Ea
2525	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	220.000	Ft
2530	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	1,650.000	Ea
2535	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	980.000	Ea
2540	Sign Cover	8120310	320.000	Ea
2545	Sign Cover, Type I	8120320	30.000	Ea
2550	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	21.000	Ea
2555	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	21.000	Ea
2560	Sign, Type A, Temp, Prismatic, Furn	8120340	1,220.000	Sft
2565	Sign, Type A, Temp, Prismatic, Oper	8120341	1,220.000	Sft
2570	Sign, Type B, Temp, Prismatic, Furn	8120350	12,090.000	Sft
2575	Sign, Type B, Temp, Prismatic, Oper	8120351	12,090.000	Sft
2580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8,810.000	Sft
2585	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8,810.000	Sft
2590	Traf Regulator Control	8120370	1.000	LSUM
2595	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	500.000	Ft

2600	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	500.000	Ft
2605	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	242,070.000	Ft
2610	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	202,000.000	Ft
2615	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	779,640.000	Ft
2620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	575,690.000	Ft
2625	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	17,120.000	Ft
2630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	100,390.000	Ft
2635	Speed Radar Trailer, Temp	8122028	4.000	Ea
2640	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	980.000	Ft
2645	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	4,770.000	Ft
2650	Conc Barrier-Mtd Temp Sign System, Furn	8122192	10.000	Ea
2655	Conc Barrier-Mtd Temp Sign System, Oper	8122193	10.000	Ea
2660	Pedestrian Path, Temp	8122250	420.000	Ft
2665	Pedestrian Ramp, Temp	8122251	2.000	Ea
2670	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	8.000	Ea
2675	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	8.000	Ea
2680	_ Lane Separator System, Temp, Relocate	8127001	720.000	Ft
2685	_ Lane Separator System, White, Temp	8127001	720.000	Ft
2690	_ Barrier Gate, Temp, Furn	8127050	1.000	Ea
2695	_ Barrier Gate, Temp, Open/Close	8127050	10.000	Ea
2700	_ Barrier Gate, Temp, Oper	8127050	1.000	Ea
2705	_ Barrier Gate, Temp, Relocated	8127050	1.000	Ea
2710	_ Heavy Duty Wrecker	8127050	10.000	Ea
2715	_ Lane Separator System, High Target Value Marker, Temp, Replacement	8127050	30.000	Ea
2720	_ Light Duty Wrecker	8127050	20.000	Ea
2725	_ Medium Duty Wrecker	8127050	10.000	Ea
2730	_ Temp Guardrail Delineator	8127050	810.000	Ea
2735	_ Traf Speed Sensor, Portable, Temp	8127050	10.000	Ea
2740	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
2745	Riprap, Heavy	8130005	202.000	Syd
2750	Riprap, Plain	8130010	3,907.000	Syd
2755	_ Riprap, Fieldstone	8137031	70.000	Ton
2760	Ditch, Plain Cobble	8140005	9,790.000	Syd
2765	Site Preparation, Max \$172,171.00	8150001	1.000	LSUM
2770	Watering and Cultivating, First Season, Min \$83,626.00	8150002	1.000	LSUM
2775	Watering and Cultivating, 2nd Season, Min \$103,303.00	8150003	1.000	LSUM

2780	Abies concolor, 5 foot	8150029	12.000	Ea
2785	Acer saccharum 'Green Mountain', 1 3/4 inch	8150185	8.000	Ea
2790	Acer x freemanii 'Celebration', 1 3/4 inch	8150224	34.000	Ea
2795	Catalpa speciosa, 1 3/4 inch	8150766	35.000	Ea
2800	Crataegus crusgalli 'Inermis', tree form, 1 3/4 inch	8151131	24.000	Ea
2805	Gymnocladus dioicus, 1 3/4 inch	8151675	33.000	Ea
2810	Liquidambar styraciflua 'Goduzam', 1 3/4 inch	8152157	37.000	Ea
2815	Malus 'Harvest Gold', 1 1/2 inch	8152307	22.000	Ea
2820	Malus 'Prairie Fire', 1 1/2 inch	8152313	22.000	Ea
2825	Picea abies, 5 foot	8152741	32.000	Ea
2830	Picea omorika, 5 foot	8152787	48.000	Ea
2835	Picea pungens, 5 foot	8152801	8.000	Ea
2840	Quercus bicolor, 2 inch	8153044	32.000	Ea
2845	Quercus imbricaria, 2 inch	8153072	13.000	Ea
2850	Quercus macrocarpa, 2 inch	8153085	26.000	Ea
2855	_ Invasive Plant Rem and Control	8157011	6,000.000	Syd
2860	_ Landscape Fabric	8157011	3,055.000	Syd
2865	_ Decorative Stone, (Meramec)	8157021	511.000	Cyd
2870	_ Horticultural Work	8157040	400.000	Hr
2875	_ Ulmus americana 'Princeton', 2 inch	8157050	56.000	Ea
2880	Compost Surface, Furn, 4 inch	8160004	4.000	Syd
2885	Mulch	8160025	104,600.000	Syd
2890	Mulch Anchoring	8160026	48,969.000	Syd
2895	Seeding, Mixture CR	8160035	200.000	Lb
2900	Seeding, Mixture THV	8160040	2,860.000	Lb
2905	Seeding, Mixture TSM	8160041	300.000	Lb
2910	Water, Sodding/Seeding	8160090	213.000	Unit
2915	_ Bioretention Seeding	8167011	18,818.000	Syd
2920	_ Slope Restoration, Freeway, Type A, Modified	8167011	277,531.000	Syd
2925	_ Slope Restoration, Freeway, Type F, Modified	8167011	249,715.000	Syd
2930	Power Company (Estimated Cost to Contractor)	8180001	35,000.000	Dlr
2935	Conduit, Rem	8182000	1,475.000	Ft
2940	Conduit, Directional Bore, 1, 3 inch	8182035	2,169.000	Ft
2945	Conduit, Directional Bore, 2, 3 inch	8182037	29,165.000	Ft
2950	Conduit, Directional Bore, 3, 3 inch	8182039	2,775.000	Ft
2955	Conduit, Directional Bore, 4, 3 inch	8182040	390.000	Ft
2960	Conduit, DB, 1, 1 1/2 inch	8182048	115.000	Ft
2965	Conduit, DB, 1, 3 inch	8182050	3,434.000	Ft
2970	Conduit, DB, 2, 3 inch	8182053	12,510.000	Ft
2975	Conduit, DB, 3, 3 inch	8182056	880.000	Ft
2980	Conduit, DB, 4, 3 inch	8182059	379.000	Ft
2985	Conduit, Galv Steel, 3 inch	8182122	1,148.000	Ft
2990	Conduit, Schedule 80, 2 inch	8182146	6,253.000	Ft
2995	Conduit, Schedule 80, 3 inch	8182148	96.000	Ft

3000	DB Cable, in Conduit, 600V, 1/C#1/0	8182181	466.000	Ft
3005	DB Cable, in Conduit, 600V, 1/C#2	8182182	57,320.000	Ft
3010	DB Cable, in Conduit, 600V, 1/C#2/0	8182183	3,642.000	Ft
3015	DB Cable, in Conduit, 600V, 1/C#6	8182187	51,412.000	Ft
3020	Cable, Rem	8182196	250.000	Ft
3025	DB Cable, in Conduit, Rem	8182197	3,385.000	Ft
3030	Cable, Equipment Grounding Wire, 1/C#2	8182288	19,125.000	Ft
3035	Cable, Equipment Grounding Wire, 1/C#3	8182289	1,214.000	Ft
3040	Cable, Equipment Grounding Wire, 1/C#4	8182290	157.000	Ft
3045	Cable, Equipment Grounding Wire, 1/C#6	8182291	8,215.000	Ft
3050	Cable, Equipment Grounding Wire, 1/C#8	8182292	8,440.000	Ft
3055	Hh, Heavy Duty Cover	8182308	67.000	Ea
3060	Hh, Round	8182310	28.000	Ea
3065	Hh, Round, 3 foot dia	8182319	68.000	Ea
3070	Hh, Rem	8182330	17.000	Ea
3075	Metered Serv, Rem	8182339	1.000	Ea
3080	Unmetered Serv, Rem	8182341	6.000	Ea
3085	Wood Pole, Rem	8182363	4.000	Ea
3090	Serv Disconnect, Rem	8182367	4.000	Ea
3095	_ Conduit, DB, 1, 2 inch	8187001	145.000	Ft
3100	_ Conduit, DB, 3, 2 inch	8187001	250.000	Ft
3105	_ Conduit, DB, 4, 2 inch	8187001	520.000	Ft
3110	_ Conduit, DB, 5, 2 inch	8187001	305.000	Ft
3115	_ Hh, Round, Elec	8187050	70.000	Ea
3120	_ Hh, Type D	8187050	24.000	Ea
3125	Light Std Arm, 6 foot	8190265	43.000	Ea
3130	Light Std Fdn	8190279	45.000	Ea
3135	Light Std, Frangible Transformer Base	8190281	43.000	Ea
3140	Light Std Shaft, 30 foot or less	8190285	43.000	Ea
3145	Light Std Shaft, 31 foot to 40 foot	8190286	2.000	Ea
3150	_ Elec Service, M-36 Middle Roundabout	8197050	1.000	Ea
3155	_ Elec Service, Silver Lake Road East Roundabout	8197050	1.000	Ea
3160	_ Light Std Fdn, Solar	8197050	4.000	Ea
3165	_ Lighting Control Panel	8197050	4.000	Ea
3170	_ Luminaire, Roadway	8197050	43.000	Ea
3175	_ Solar Lighting System	8197050	4.000	Ea
3180	_ Solar Lighting, Rem and Salv	8197050	1.000	Ea
3185	Case Sign, Rem	8200020	2.000	Ea
3190	Controller and Cabinet, Rem	8200030	4.000	Ea
3195	Fdn, Rem	8200065	2.000	Ea
3200	Pedestal, Alum	8200100	2.000	Ea
3205	Pedestal, Fdn	8200105	2.000	Ea
3210	Span Wire, Rem	8200141	2.000	Ea
3215	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
3220	Cabinet, Rem	8200184	2.000	Ea

3225	TS, One Way Pedestal Mtd (LED)	8200340	4.000	Ea
3230	Sign Optical, Rem	8200372	2.000	Ea
3235	Sign Optical, (LED)	8200373	2.000	Ea
3240	Bracket, Truss, with 12 foot Arm	8200376	9.000	Ea
3245	Backplate, TS	8200501	4.000	Ea
3250	_ Controller, ATC 2070	8207050	1.000	Ea
3255	_ Traf Loop, Preformed	8207050	5.000	Ea
3260	Monument Box	8210001	1.000	Ea
3265	Freeway Shld Corrugations, Milled, HMA	8222001	168,998.000	Ft
3270	Contractor Staking	8240001	1.000	LSUM
3275	Staking Plan Errors and Extras, Max \$180/hour	8240002	1,260.000	Hr
3280	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
3285	Lightning Protection, Pole	8260021	2.000	Ea
3290	Lightning Protection, Structure, Type E Truss	8260027	20.000	Ea
3295	Microwave Vehicle Detection System	8260040	11.000	Ea
3300	Microwave Vehicle Detection System, Rem	8260043	1.000	Ea
3305	Fiber Optic, Cable, Single Mode Fiber, 24 Strand	8260048	98,720.000	Ft
3310	Fiber Optic, Cable, Single Mode Fiber, 60 Strand	8260051	39,040.000	Ft
3315	Fiber Optic, Splice Cabinet	8260064	5.000	Ea
3320	Fiber Optic, Hardware Assembly, Small	8260065	40.000	Ea
3325	Fiber Optic, Hardware Assembly, Medium	8260066	6.000	Ea
3330	Fiber Optic, Marker, Above Ground	8260069	115.000	Ea
3335	Tracer Wire	8260070	41,370.000	Ft
3340	Fiber Optic, Pigtail	8260071	430.000	Ea
3345	Fiber Optic, Jumper	8260072	160.000	Ea
3350	Managed Field Ethernet Switch, Layer 3	8260082	31.000	Ea
3355	Managed Field Ethernet Switch, Rem	8260087	11.000	Ea
3360	Power Serv, Underground, 60AMP, 120/240V	8260101	5.000	Ea
3365	Safety Switch, Fusible	8260109	14.000	Ea
3370	Elec Rack	8260110	14.000	Ea
3375	Uninterruptible Power Supply, ITS Cabinet	8260140	21.000	Ea
3380	Uninterruptible Power Supply, Rem	8260146	2.000	Ea
3385	Surveillance System, Remote Site, Type A	8260157	15.000	Ea
3390	Surveillance System, Remote Site, Type B	8260158	2.000	Ea
3395	System Integration and Testing	8260160	1.000	LSUM
3400	_ Dual Power Serv, Refurbish, 150AMP, 120/240V	8267050	1.000	Ea
3405	_ Dual Power Serv, Underground, 150AMP, 120/240V	8267050	1.000	Ea
3410	_ Power Serv, Refurbish, 120AMP, 120/240V	8267050	2.000	Ea
3415	_ Power Serv, Refurbish, 150AMP, 120/240V	8267050	1.000	Ea
3420	_ Power Serv, Refurbish, 90AMP, 120/240V	8267050	1.000	Ea

Section: 2

3425	Structures, Rem (S02 of 47013)	2040060	1.000	LSUM
3430	Backfill, Structure, CIP	2060002	898.000	Cyd
3435	Backfill, Select	2060004	22,097.000	Cyd

3440	Excavation, Fdn	2060010	9,660.000	Cyd
3445	Aggregate Base, 12 inch	3020030	34.000	Syd
3450	Dr Structure, Tap, 4 inch	4030304	2.000	Ea
3455	Underdrain, Fdn, 4 inch	4040031	1,041.000	Ft
3460	Underdrain, Fdn, 6 inch	4040033	5,981.000	Ft
3465	_ Underdrain Outlet, 4 inch, Modified	4047001	294.000	Ft
3470	Steel Sheet Piling, Temp, Left in Place	7040003	200.000	Sft
3475	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	4,049.000	Sft
3480	_ Steel Sheet Piling, Temp, Spec	7047010	1,250.000	Sft
3485	Prebore, Fdn Piling	7050001	120.000	Ft
3490	Pile Driving Equipment, Furn (S02-1 of 47013)	7050002	1.000	LSUM
3495	Pile Driving Equipment, Furn (S02-2 of 47013)	7050002	1.000	LSUM
3500	Pile, Steel, Furn and Driven, 12 inch	7050030	4,400.000	Ft
3505	Test Pile, Steel, 12 inch	7050031	8.000	Ea
3510	Pile Point, Steel	7050039	48.000	Ea
3515	Pile Protection	7052000	661.000	Ft
3520	_ Test Pile, Dynamic Analysis	7057050	8.000	Ea
3525	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
3530	Bridge Ltg, Furn and Rem (B01-1 of 47013)	7060001	1.000	LSUM
3535	Bridge Ltg, Furn and Rem (B01-2 of 47013)	7060001	1.000	LSUM
3540	Bridge Ltg, Furn and Rem (S02-1 of 47013)	7060001	1.000	LSUM
3545	Bridge Ltg, Furn and Rem (S02-2 of 47013)	7060001	1.000	LSUM
3550	Bridge Ltg, Oper and Maintain	7060002	1,017.000	Cyd
3555	Expansion Joint Device	7060050	614.000	Ft
3560	False Decking	7060060	48,818.000	Sft
3565	Reinforcement, Steel, Epoxy Coated	7060092	434,369.000	Lb
3570	Substructure Conc, High Performance	7060101	473.000	Cyd
3575	Superstructure Conc, Form, Finish, and Cure (B01-1 of 47013)	7060111	1.000	LSUM
3580	Superstructure Conc, Form, Finish, and Cure (B01-2 of 47013)	7060111	1.000	LSUM
3585	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01-1 of 47013)	7060112	1.000	LSUM
3590	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01-2 of 47013)	7060112	1.000	LSUM
3595	Superstructure Conc, Form, Finish, and Cure, Night Casting (RW01 of 47013)	7060112	1.000	LSUM
3600	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 47013)	7060112	1.000	LSUM
3605	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-1 of 47013)	7060112	1.000	LSUM
3610	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02-2 of 47013)	7060112	1.000	LSUM
3615	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03-1 of 47013)	7060112	1.000	LSUM
3620	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03-2 of 47013)	7060112	1.000	LSUM
3625	Superstructure Conc, High Performance	7060116	19.000	Cyd
3630	Superstructure Conc, Night Casting, High	7060117	1,811.000	Cyd

	Performance			
3635	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	24,145.000	Sft
3640	Mechanically Stabilized Earth Wall, Precast, Install	7060201	24,145.000	Sft
3645	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	1,668.000	Sft
3650	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	1,668.000	Sft
3655	Mechanically Stabilized Earth Wall Coping, Precast	7060206	1,726.000	Ft
3660	Mechanically Stabilized Earth Wall Coping, CIP	7060207	133.000	Ft
3665	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	1,839.000	Ft
3670	Liner, PVC, 30 mil	7060209	4,191.000	Syd
3675	Sealing Localized Cracks (B01-1 of 47013)	7060220	1.000	LSUM
3680	Sealing Localized Cracks (B01-2 of 47013)	7060220	1.000	LSUM
3685	Conc, Grade 3500, Subfooting	7062000	19.000	Cyd
3690	Conc, Grade 4500HP	7062004	24.000	Cyd
3695	Aesthetic Texturing	7062005	727.000	Syd
3700	_ Modular Block Wall	7067010	1,414.000	Sft
3705	_ Noise Barrier Wall, Precast Conc, Erect	7067010	18,790.000	Sft
3710	_ Noise Barrier Wall, Precast Conc, Furn	7067010	18,790.000	Sft
3715	_ Conc Stone Stain	7067011	1,992.000	Syd
3720	Bearing, Elastomeric, 1 3/4 inch	7070015	576.000	Sin
3725	Bearing, Elastomeric, 2 inch	7070016	2,160.000	Sin
3730	Bearing, Elastomeric, 2 1/2 inch	7070018	16,560.000	Sin
3735	Bearing, Elastomeric, 3 1/4 inch	7070021	1,568.000	Sin
3740	Shear Developers (B01-1 of 47013)	7070040	1.000	LSUM
3745	Shear Developers (B01-2 of 47013)	7070040	1.000	LSUM
3750	Shear Developers (S02 of 47013)	7070040	1.000	LSUM
3755	Shear Developers (S03-1 of 47013)	7070040	1.000	LSUM
3760	Shear Developers (S03-2 of 47013)	7070040	1.000	LSUM
3765	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	6,386.000	Lb
3770	Steel Diaphragm, Prest Conc Beam, Erect	7070054	6,386.000	Lb
3775	Structural Steel, Plate, Erect	7070060	6,000.000	Lb
3780	Structural Steel, Plate, Furn and Fab	7070061	6,000.000	Lb
3785	Structural Steel, Rolled Shape, Erect	7070070	38,416.000	Lb
3790	Structural Steel, Rolled Shape, Furn and Fab	7070071	38,416.000	Lb
3795	Metal Mesh Panels	7070120	16,271.000	Sft
3800	Prest Conc I Beam, Furn, 36 inch	7080025	498.000	Ft
3805	Prest Conc I Beam, Erect, 36 inch	7080026	498.000	Ft
3810	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	2,208.000	Ft
3815	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	2,208.000	Ft
3820	Joint Waterproofing	7100001	676.000	Sft
3825	Joint Waterproofing, Expansion	7100003	440.000	Sft
3830	Conc Surface Coating, Warranty (B01-1 of 47013)	7100009	1.000	LSUM
3835	Conc Surface Coating, Warranty (B01-2 of 47013)	7100009	1.000	LSUM
3840	Conc Surface Coating, Warranty (RW01 of 47013)	7100009	1.000	LSUM

3845	Conc Surface Coating, Warranty (S02-1 of 47013)	7100009	1.000	LSUM
3850	Conc Surface Coating, Warranty (S02-2 of 47013)	7100009	1.000	LSUM
3855	Conc Surface Coating, Warranty (S03-1 of 47013)	7100009	1.000	LSUM
3860	Conc Surface Coating, Warranty (S03-2 of 47013)	7100009	1.000	LSUM
3865	Conc Surface Coating, Warranty (SW01 of 47065)	7100009	1.000	LSUM
3870	Substructure Horizontal Surface Sealer (B01-1 of 47013)	7100030	32.000	Syd
3875	Substructure Horizontal Surface Sealer (B01-2 of 47013)	7100030	32.000	Syd
3880	Substructure Horizontal Surface Sealer (S01 of 47014)	7100030	40.000	Syd
3885	Substructure Horizontal Surface Sealer (S02 of 47013)	7100030	18.000	Syd
3890	Substructure Horizontal Surface Sealer (S02-1 of 47013)	7100030	17.000	Syd
3895	Substructure Horizontal Surface Sealer (S02-2 of 47013)	7100030	17.000	Syd
3900	Substructure Horizontal Surface Sealer (S03-1 of 47013)	7100030	7.000	Syd
3905	Substructure Horizontal Surface Sealer (S03-2 of 47013)	7100030	7.000	Syd
3910	Substructure Horizontal Surface Sealer (SW01 of 47065)	7100030	124.000	Syd
3915	_ Silane Treatment	7107010	15,406.000	Sft
3920	Bridge Railing, 2 Tube	7110008	184.000	Ft
3925	Bridge Barrier Railing, Type 6, High Performance	7110017	506.000	Ft
3930	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	1,866.000	Ft
3935	Hand Chipping, Shallow	7120003	56.000	Syd
3940	Hand Chipping, Deep	7120004	28.000	Syd
3945	Hand Chipping, Other Than Deck	7120007	279.000	Cft
3950	Patch, Full Depth	7120010	1.000	Cyd
3955	Patch, Forming	7120017	300.000	Sft
3960	Epoxy Ovly, Rem	7120021	2,121.000	Syd
3965	Epoxy Ovly, Warranty	7120022	5,751.000	Syd
3970	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	442.000	Ea
3975	Adhesive Anchoring of Horizontal Bar, 7/8 inch	7120029	48.000	Ea
3980	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	221.000	Ea
3985	Adhesive Anchoring of Vertical Bar, 7/8 inch	7120035	6.000	Ea
3990	Structures, Rehabilitation, Rem Portions (B01-1 of 47013)	7120070	1.000	LSUM
3995	Structures, Rehabilitation, Rem Portions (B01-2 of 47013)	7120070	1.000	LSUM
4000	Structures, Rehabilitation, Rem Portions (S01 of 47014)	7120070	1.000	LSUM
4005	Structures, Rehabilitation, Rem Portions (S02 of 47013)	7120070	1.000	LSUM
4010	Structures, Rehabilitation, Rem Portions (S03-1 of 47013)	7120070	1.000	LSUM
4015	Structures, Rehabilitation, Rem Portions (S03-2 of 47013)	7120070	1.000	LSUM
4020	Structures, Rehabilitation, Rem Portions (S04 of 47013)	7120070	1.000	LSUM

4025	Deck Joint, Rem	7120071	218.000	Ft
4030	Filler Wall Conc	7120087	81.000	Cyd
4035	Top Flanges and Beam Ends, Clean and Coat	7120100	82.000	Syd
4040	Patching Conc, C-L	7120112	26.000	Cyd
4045	Embedded Galvanic Anode	7120120	493.000	Ea
4050	Hand Chipping, Full Depth	7122000	12.000	Cft
4055	Bridge Joint, Strip Seal Gland Replacement	7122005	282.000	Ft
4060	_ Bridge Joints, Clean and Seal	7127001	579.000	Ft
4065	_ Bridge Cleaning (S04 of 47013)	7127051	1.000	LSUM
4070	_ Deck Repr, Spec	7127060	200,000.000	Dlr
4075	Beam Plate, Seal Perimeter	7130010	80.000	Ft
4080	Cutting Beam Ends, Simple Span	7130020	8.000	Ea
4085	Heat Straightening Steel (S01 of 47014)	7130040	1.000	LSUM
4090	Heat Straightening Steel (S04 of 47013)	7130040	1.000	LSUM
4095	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	5,659.000	Lb
4100	_ Structural Steel Crack Repr	7137050	6.000	Ea
4105	Protective Shield, Utility Pipe	7150025	76.000	Ft
4110	Steel Structure, Cleaning, Partial, Type 4 (S01 of 47014)	7150047	1.000	LSUM
4115	Steel Structure, Cleaning, Partial, Type 4 (S04 of 47013)	7150047	1.000	LSUM
4120	Steel Structure, Coating, Partial, Type 4 (S01 of 47014)	7150048	1.000	LSUM
4125	Steel Structure, Coating, Partial, Type 4 (S04 of 47013)	7150048	1.000	LSUM
4130	Field Repr of Damaged Coating (B01-1 of 47013)	7160001	1.000	LSUM
4135	Field Repr of Damaged Coating (B01-2 of 47013)	7160001	1.000	LSUM
4140	Drilled Shaft Equipment, Furn (SW01 of 47065)	7180010	1.000	LSUM
4145	Drilled Shaft, 36 inch	7180036	1,174.000	Ft
4150	Obstruction Rem	7180100	30,000.000	Dlr
4155	Temp Casing-Left in Place	7180121	1,174.000	Ft
4160	_ Segmental Wall, Leveling Pad	8007001	75.000	Ft
4165	_ Segmental Wall, Reinf, Furn	8007010	692.000	Sft
4170	_ Segmental Wall, Reinf, Install	8007010	692.000	Sft
4175	_ Backfill, Select, Spec	8007021	410.000	Cyd
4180	_ Monitoring Structure (S02 of 47013)	8007051	1.000	LSUM
4185	Fence, Chain Link, 48 inch, Vinyl Coated	8082001	300.000	Ft
4190	Slope Paving Header	8130015	347.000	Ft
4195	Slope Paving, Conc	8130020	677.000	Syd
4200	Slope Paving, Precast Conc	8130025	74.000	Syd
4205	Structure Survey During Construction (B01-1 of 47013)	8240020	1.000	LSUM
4210	Structure Survey During Construction (B01-2 of 47013)	8240020	1.000	LSUM
4215	Structure Survey During Construction (S02 of 47013)	8240020	1.000	LSUM
4220	Structure Survey During Construction (S02-1 of 47013)	8240020	1.000	LSUM

4225	Structure Survey During Construction (S02-2 of 47013)	8240020	1.000	LSUM
4230	Structure Survey During Construction (S03-1 of 47013)	8240020	1.000	LSUM
4235	Structure Survey During Construction (S03-2 of 47013)	8240020	1.000	LSUM



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 004**Letting Date:** March 3, 2023**Contract ID:** 70023-216629

Description: 0.50 mi of concrete pavement inlay, hot mix asphalt resurfacing, concrete curb and gutter, aggregate base, signing and pavement markings on I-196BL from 84th Ave east to I-196, Ottawa County. This Project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216629A	23A0273	N/A	NH 70023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	42,100.000	Dlr
0010	Mobilization, Max \$261,300.00	1100001	1.000	LSUM
0015	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0020	Dr Structure, Rem	2030011	13.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	456.000	Ft
0030	Curb and Gutter, Rem	2040020	360.000	Ft
0035	Gutter, Rem	2040040	3,065.000	Ft
0040	Pavt, Rem	2040050	15,962.000	Syd
0045	Ditch Cleanout	2050006	5.000	Sta
0050	Excavation, Earth	2050016	4,550.000	Cyd
0055	Granular Blanket, Type 1	2050020	25.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	1,000.000	Cyd
0065	_ Embankment, CIP, Spec	2057021	465.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0075	Erosion Control, Gravel Filter Berm	2080018	40.000	Ft
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0085	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0090	Erosion Control, Sand Bag	2080028	50.000	Ea
0095	Erosion Control, Sediment Basin	2080032	20.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	5.000	Ea
0105	Erosion Control, Silt Fence	2080036	1,220.000	Ft
0110	Subbase, CIP	3010002	1,005.000	Cyd
0115	Aggregate Base, 6 inch	3020016	1,230.000	Syd
0120	_ Aggregate Base, Conditioning, Spec	3027011	410.000	Syd
0125	Open-Graded Dr Cse, 6 inch	3030006	19,973.000	Syd
0130	Shld, CI II, 6 inch	3070128	54.000	Syd
0135	Geotextile, Separator, Non-Woven	3082000	19,505.000	Syd

0140	Culv End Sect, 15 inch	4010015	7.000	Ea
0145	Culv End Sect, Footing	4010072	7.000	Ea
0150	Dr Marker Post	4011109	10.000	Ea
0155	Sewer, CI E, 15 inch, Tr Det B	4020601	497.000	Ft
0160	Trench Undercut and Backfill	4021260	10.000	Cyd
0165	Video Taping Sewer and Culv Pipe	4021275	360.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0175	Dr Structure Cover, Type J	4030045	7.000	Ea
0180	Dr Structure Cover, Type VG	4030090	9.000	Ea
0185	Dr Structure, 24 inch dia	4030200	7.000	Ea
0190	Dr Structure, 48 inch dia	4030210	6.000	Ea
0195	Underdrain, Bank, 6 inch	4040003	25.000	Ft
0200	Underdrain, Pipe, Open-Graded, 6 inch	4040043	5,000.000	Ft
0205	Underdrain, Subbase, 6 inch	4040063	470.000	Ft
0210	Underdrain, Subgrade, 6 inch	4040073	40.000	Ft
0215	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	400.000	Ft
0220	Underdrain Outlet, 6 inch	4040093	1,210.000	Ft
0225	Underdrain, Outlet Ending, 6 inch	4040113	37.000	Ea
0230	Video Inspection of Underdrain	4040200	5,470.000	Ft
0235	_ Underdrain Outlet, 6 inch, Modified	4047001	50.000	Ft
0240	Cold Milling HMA Surface	5010002	450.000	Syd
0245	Bump Grinding	5010004	100.000	Syd
0250	HMA Surface, Rem	5010005	5,305.000	Syd
0255	HMA Quality Initiative	5010007	1,220.000	Dlr
0260	Hand Patching	5010025	145.000	Ton
0265	HMA Approach	5010061	465.000	Ton
0270	Joint, Contraction, Cp	6020200	9,976.000	Ft
0275	Joint, Contraction, C3p	6020201	2,317.000	Ft
0280	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	12,785.000	Syd
0285	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	1,299.000	Syd
0290	Shld, Nonreinf Conc, High Performance	6020524	3,700.000	Syd
0295	Joint, Contraction, Crg	6030020	100.000	Ft
0300	Lane Tie, Epoxy Anchored	6030030	580.000	Ea
0305	Curb and Gutter, Conc, Det B2	8020016	425.000	Ft
0310	Valley Gutter, Conc	8020060	2,112.000	Ft
0315	Divider, Conc, Type I	8022000	775.000	Sft
0320	_ Curb and Gutter, Conc, Det B1, Modified, Type 1	8027001	2,129.000	Ft
0325	_ Curb and Gutter, Conc, Det B1, Modified, Type 2	8027001	251.000	Ft
0330	Sidewalk, Conc, 8 inch	8030048	17,490.000	Sft
0335	Fdn, Wood Support, Rem	8100280	5.000	Ea
0340	Post, Steel, 3 pound	8100371	65.000	Ft
0345	Post, Wood, 4 inch by 6 inch	8100380	72.000	Ft
0350	Sign, Type IA	8100392	44.000	Sft
0355	Sign, Type II, Rem	8100397	6.000	Ea
0360	Sign, Type IIA	8100398	26.000	Sft

0365	Sign, Type III, Rem	8100403	4.000	Ea
0370	Sign, Type IIIA	8100404	8.000	Sft
0375	Sign, Type V, Rem	8100421	1.000	Ea
0380	Sign, Type VB	8100425	12.000	Sft
0385	Ground Mtd Sign Support, Rem	8102010	12.000	Ea
0390	Pavt Mrkg, Polyurea, 4 inch, White	8110091	400.000	Ft
0395	Pavt Mrkg, Polyurea, 6 inch, White	8110094	6,557.000	Ft
0400	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	5,090.000	Ft
0405	Pavt Mrkg, Polyurea, 12 inch, White	8110111	737.000	Ft
0410	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0415	Recessing Pavt Mrkg, Longit	8110450	11,984.000	Ft
0420	Recessing Pavt Mrkg, Transv	8110451	76.000	Sft
0425	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0435	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0440	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0445	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0455	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	800.000	Ft
0460	Plastic Drum, Fluorescent, Furn	8120252	180.000	Ea
0465	Plastic Drum, Fluorescent, Oper	8120253	180.000	Ea
0470	Sign Cover	8120310	10.000	Ea
0475	Sign Cover, Type I	8120320	1.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0485	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	1,574.000	Sft
0495	Sign, Type B, Temp, Prismatic, Oper	8120351	1,574.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	279.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	279.000	Sft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,200.000	Ft
0515	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,900.000	Ft
0520	Speed Radar Trailer, Temp	8122028	1.000	Ea
0525	Riprap, Plain	8130010	20.000	Syd
0530	Water, Sodding/Seeding	8160090	2.000	Unit
0535	_ Slope Restoration, Non-Phosphorus Fertilizer	8167011	5,850.000	Syd
0540	Monument Box	8210001	1.000	Ea
0545	Monument Preservation	8210010	1.000	Ea
0550	Contractor Staking	8240001	1.000	LSUM
0555	Staking Plan Errors and Extras, Max \$180/hour	8240002	25.000	Hr



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 005**Letting Date:** March 3, 2023**Contract ID:** 32022-201413

Description: 2.82 mi of hot mix asphalt cold milling, resurfacing and widening, aggregate shoulder, concrete curb, gutter and sidewalk, sanitary sewer, water main and pavement markings on M-142 from M-53 to M-19 and from Nugent Road to west of Joyce Drive in the city of Bad Axe, Huron County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201413A	23A0277	N/A	ST 32022
201421A	23A0278	N/A	CM 32022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Railroad Protection, at Grade Crossing, Huron and Eastern Railway	1027060	10,000.000	Dlr
0010	Mobilization, Max \$490,800.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	8.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	17.000	Ea
0035	Dr Structure, Rem	2030011	5.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	339.000	Ft
0045	Sewer, Rem, 24 inch to 48 inch	2030016	345.000	Ft
0050	Curb and Gutter, Rem	2040020	8,476.000	Ft
0055	Guardrail, Rem	2040035	250.000	Ft
0060	Pavt, Rem	2040050	11,710.000	Syd
0065	Sidewalk, Rem	2040055	2,685.000	Syd
0070	Backfill, Swamp	2050001	50.000	Cyd
0075	Embankment, CIP	2050010	3,550.000	Cyd
0080	Excavation, Earth	2050016	5,680.000	Cyd
0085	Excavation, Peat	2050017	50.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	40.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	40.000	Cyd
0100	Flowable Fill, Non-Structural	2050148	44.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0110	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0120	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd

0125	Erosion Control, Silt Fence	2080036	500.000	Ft
0130	Subbase, CIP	3010002	6,740.000	Cyd
0135	Aggregate Base, 6 inch	3020016	13,835.000	Syd
0140	Maintenance Gravel	3060020	250.000	Ton
0145	_ Approach, CI II, Modified	3077031	322.000	Ton
0150	_ Shld, CI II, Modified	3077031	2,640.000	Ton
0155	Culv, CI F, 15 inch	4010608	716.000	Ft
0160	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	2.000	Ea
0165	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	6.000	Ea
0170	_ Steel Casing Pipe, 20 inch, Tr Det G	4017001	8.000	Ft
0175	Sewer, CI A, 12 inch, Tr Det B	4020033	128.000	Ft
0180	Sewer, CI A, 15 inch, Tr Det B	4020034	376.000	Ft
0185	Sewer, CI A, 24 inch, Tr Det B	4020036	716.000	Ft
0190	Dr Structure Cover, Adj, Case 1, Modified	4030004	40.000	Ea
0195	Dr Structure Cover, Type B	4030010	21.000	Ea
0200	Dr Structure Cover, Type G	4030040	10.000	Ea
0205	Dr Structure Cover, Type J	4030045	4.000	Ea
0210	Dr Structure Cover, Type K	4030050	21.000	Ea
0215	Dr Structure, 48 inch dia	4030210	10.000	Ea
0220	Dr Structure, 60 inch dia	4030220	2.000	Ea
0225	Dr Structure, Tap, 12 inch	4030312	16.000	Ea
0230	Drop Inlet, Type 1	4030395	16.000	Ea
0235	Cold Milling HMA Surface	5010002	27,825.000	Syd
0240	Bump Grinding	5010004	20.000	Syd
0245	HMA Surface, Rem	5010005	12,965.000	Syd
0250	HMA Quality Initiative	5010007	55,935.000	Dlr
0255	Longit Joint Density Quality Initiative	5010018	30,943.000	Dlr
0260	HMA Approach	5010061	779.000	Ton
0265	HMA, 3EML	5012013	1,600.000	Ton
0270	HMA, 4EML	5012025	3,715.000	Ton
0275	HMA, 5EML	5012037	4,695.000	Ton
0280	HMA, 4EML, High Stress	5012073	590.000	Ton
0285	HMA, 5EML, High Stress	5012085	440.000	Ton
0290	_ Micro Cold Milling, HMA	5017011	21,050.000	Syd
0295	Driveway, Nonreinf Conc, 6 inch	8010005	1,044.000	Syd
0300	Curb and Gutter, Conc, Det B2	8020016	911.000	Ft
0305	Curb and Gutter, Conc, Det D2	8020031	368.000	Ft
0310	Curb and Gutter, Conc, Det F4	8020038	7,407.000	Ft
0315	_ Curb and Gutter, Conc, Det F4, Modified	8027001	1,139.000	Ft
0320	Detectable Warning Surface	8030010	150.000	Ft
0325	Curb Ramp Opening, Conc	8030030	150.000	Ft
0330	Sidewalk, Conc, 4 inch	8030044	18,265.000	Sft
0335	Curb Ramp, Conc, 6 inch	8032002	2,210.000	Sft
0340	_ Brick Paver Joint	8037001	500.000	Ft
0345	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea

0350	Guardrail Post, Culv	8070070	10.000	Ea
0355	Post, Mailbox	8070095	40.000	Ea
0360	Guardrail, Long Span, Det MGS-2	8072122	1.000	Ea
0365	Guardrail, Curved, Type B-CRT	8072154	50.000	Ft
0370	Guardrail, Type B, 72 inch Post	8072171	67.000	Ft
0375	Guardrail, Type MGS-8, 72 inch Post	8072179	143.000	Ft
0380	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0385	Post, Steel, 3 pound	8100371	238.000	Ft
0390	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0395	Sign, Type III, Erect, Salv	8100402	21.000	Ea
0400	Sign, Type V, Erect, Salv	8100422	1.000	Ea
0405	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0410	Sign, Type III, Rem, Salv	8102003	21.000	Ea
0415	Sign, Type V, Rem, Salv	8102005	1.000	Ea
0420	Ground Mtd Sign Support, Rem	8102010	23.000	Ea
0425	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0435	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,067.000	Ft
0440	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	216.000	Ft
0445	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	314.000	Ft
0450	Pavt Mrkg, Waterborne, 4 inch, White	8110231	46,470.000	Ft
0455	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	12,880.000	Ft
0460	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,918.000	Ft
0465	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	17,772.000	Ft
0470	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	46,470.000	Ft
0475	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	12,880.000	Ft
0480	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,918.000	Ft
0485	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	17,772.000	Ft
0490	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0495	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,200.000	Ft
0500	Recessing Pavt Mrkg, Longit	8110450	32,690.000	Ft
0505	Recessing Pavt Mrkg, Transv	8110451	3,244.000	Sft
0510	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0515	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0520	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0525	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0530	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0535	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	5.000	Ea
0540	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0545	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0550	Minor Traf Devices	8120170	1.000	LSUM
0555	Plastic Drum, Fluorescent, Furn	8120252	220.000	Ea

0560	Plastic Drum, Fluorescent, Oper	8120253	220.000	Ea
0565	Sign Cover	8120310	10.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0575	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0580	Sign, Type A, Temp, Prismatic, Furn	8120340	7.000	Sft
0585	Sign, Type A, Temp, Prismatic, Oper	8120341	7.000	Sft
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	475.000	Sft
0595	Sign, Type B, Temp, Prismatic, Oper	8120351	475.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0605	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	1,950.000	Ft
0610	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	1,950.000	Ft
0615	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0620	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0625	Site Preparation, Max \$3,400.00	8150001	1.000	LSUM
0630	Watering and Cultivating, First Season, Min \$1,600.00	8150002	1.000	LSUM
0635	Watering and Cultivating, 2nd Season, Min \$2,000.00	8150003	1.000	LSUM
0640	Acer rubrum 'Red Sunset', 1 1/2 inch	8150143	9.000	Ea
0645	Acer saccharum 'Commemoration', 1 1/2 inch	8150181	9.000	Ea
0650	Picea pungens, 4 foot	8152800	2.000	Ea
0655	Quercus rubra, 1 1/2 inch	8153124	8.000	Ea
0660	Slope Restoration, Non-Freeway, Type B	8162002	18,595.000	Syd
0665	TS Face, Bag	8200458	1.000	Ea
0670	TS Face, Bag, Rem	8200459	1.000	Ea
0675	Monument Box	8210001	4.000	Ea
0680	Monument Box Adj	8210005	4.000	Ea
0685	Monument Preservation	8210010	4.000	Ea
0690	Protect Corners	8210020	4.000	Ea
0695	Centerline Corrugations, Milled, HMA	8220013	6,770.000	Ft
0700	Fire Hydrant	8230040	4.000	Ea
0705	Gate Valve and Box, 6 inch	8230051	8.000	Ea
0710	Gate Valve and Box, 12 inch	8230054	4.000	Ea
0715	Hydrant, Rem	8230091	3.000	Ea
0720	Water Main, 6 inch, Cut and Plug	8230131	4.000	Ea
0725	Water Main, 12 inch, Cut and Plug	8230134	4.000	Ea
0730	Water Main, DI, 6 inch, Tr Det G	8230151	450.000	Ft
0735	Water Main, DI, 12 inch, Tr Det G	8230166	1,250.000	Ft
0740	Water Serv	8230240	22.000	Ea
0745	Water Serv, Long	8230245	2.000	Ea
0750	Water Shutoff, Adj, Case 1	8230421	10.000	Ea
0755	Gate Box, Adj, Case 1	8230431	40.000	Ea
0760	_ Water Main, DI, 4 inch, Tr Det G	8237001	10.000	Ft
0765	Contractor Staking	8240001	1.000	LSUM
0770	Staking Plan Errors and Extras, Max \$180/hour	8240002	51.000	Hr

0775	Sanitary Sewer, PVC, 6 inch, Tr Det B2	8252036	594.000	Ft
0780	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	640.000	Ft
0785	Sanitary Sewer, PVC, 12 inch, Tr Det B2	8252039	1,315.000	Ft
0790	Sanitary Structure, 48 inch dia	8252072	6.000	Ea
0795	Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	8252080	9.000	Ft
0800	Sanitary Structure Cover, Type Q	8252098	6.000	Ea
0805	Sanitary Structure, Rem	8252105	6.000	Ea
0810	_ Sanitary Sewer, PVC, 15 inch, Tr Det B2	8257001	54.000	Ft
0815	_ Sanitary Sewer, PVC, 4 inch, Tr Det B2	8257001	40.000	Ft



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 006**Letting Date:** March 3, 2023**Contract ID:** 16093-211424**Description:** Construction of temporary crossovers on I-75 over Trowbridge Road, Cheboygan County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211424A	23A0274	N/A	IM 16093

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$119,800.00	1100001	1.000	LSUM
0010	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0015	Exploratory Investigation, Vertical	2040080	5.000	Ft
0020	Embankment, CIP	2050010	18,090.000	Cyd
0025	Excavation, Earth	2050016	4,750.000	Cyd
0030	Erosion Control, Check Dam, Stone	2080012	64.000	Ft
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0045	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0050	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0055	Erosion Control, Sediment Trap	2080034	5.000	Ea
0060	Erosion Control, Silt Fence	2080036	1,945.000	Ft
0065	Subbase, CIP	3010002	3,466.000	Cyd
0070	Aggregate Base, 8 inch	3020020	5,774.000	Syd
0075	Aggregate Surface Cse, 6 inch	3060010	190.000	Syd
0080	Shld, CI II, 3 inch	3070125	1,312.000	Syd
0085	Culv End Sect, 12 inch	4010012	4.000	Ea
0090	Culv End Sect, 15 inch	4010015	5.000	Ea
0095	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0100	Culv End Sect, Footing	4010072	10.000	Ea
0105	Culv, CI A, 12 inch	4010131	70.000	Ft
0110	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	3.000	Ea
0115	Sewer, CI A, 15 inch, Tr Det B	4020034	179.000	Ft
0120	Sewer, CI A, 18 inch, Tr Det B	4020035	893.000	Ft
0125	Sewer, CI A, 24 inch, Tr Det B	4020036	361.000	Ft
0130	Sewer, CI E, 12 inch, Tr Det B	4020600	86.000	Ft
0135	Sewer Tap, 24 inch	4021207	2.000	Ea
0140	Video Taping Sewer and Culv Pipe	4021275	1,519.000	Ft
0145	Dr Structure Cover, Type B	4030010	3.000	Ea

0150	Dr Structure Cover, Type G	4030040	2.000	Ea
0155	Dr Structure, 24 inch dia	4030200	2.000	Ea
0160	Dr Structure, 48 inch dia	4030210	2.000	Ea
0165	Dr Structure, 72 inch dia	4030230	1.000	Ea
0170	Underdrain Outlet, 6 inch	4040093	600.000	Ft
0175	Underdrain, Outlet Ending, 6 inch	4040113	24.000	Ea
0180	Video Inspection of Underdrain	4040200	600.000	Ft
0185	HMA Quality Initiative	5010007	1,692.000	Dlr
0190	Edge Trimming	5010009	1,554.000	Ft
0195	HMA, 3EL	5012012	846.000	Ton
0200	Shared use Path, Grading	8060030	162.000	Ft
0205	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0210	Guardrail, Salv	8070075	533.000	Ft
0215	Guardrail Reflector	8070080	10.000	Ea
0220	Guardrail, Type T, 96 inch Post	8072176	226.000	Ft
0225	Fence, Protective	8080007	100.000	Ft
0230	Fdn, Wood Support, Rem	8100280	2.000	Ea
0235	Delineator, Rem	8100349	6.000	Ea
0240	Sign, Type II, Rem	8100397	1.000	Ea
0245	Ground Mtd Sign Support, Rem	8102010	2.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	27.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	27.000	Ea
0260	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0265	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0270	Delineator, Flexible, Temp, Furn	8120091	74.000	Ea
0275	Delineator, Flexible, Temp, Oper	8120092	74.000	Ea
0280	Tubular Marker	8120097	110.000	Ea
0285	Tubular Marker, Replacement	8120098	30.000	Ea
0290	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0295	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0305	Mobile Attenuator	8120180	2.000	Ea
0310	Plastic Drum, Fluorescent, Furn	8120252	286.000	Ea
0315	Plastic Drum, Fluorescent, Oper	8120253	286.000	Ea
0320	Sign Cover	8120310	15.000	Ea
0325	Sign, Type B, Temp, Prismatic, Furn	8120350	1,930.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	1,930.000	Sft
0335	Traf Regulator Control	8120370	1.000	LSUM
0340	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	3,700.000	Ft
0345	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,700.000	Ft
0350	Speed Radar Trailer, Temp	8122028	2.000	Ea
0355	Riprap, Plain	8130010	160.000	Syd

0360	Slope Restoration, Non-Freeway, Type F	8162006	295.000	Syd
0365	Slope Restoration, Freeway, Type A	8162013	250.000	Syd
0370	Slope Restoration, Freeway, Type E	8162017	250.000	Syd
0375	Slope Restoration, Freeway, Type F	8162018	42,050.000	Syd
0380	Contractor Staking	8240001	1.000	LSUM
0385	Staking Plan Errors and Extras, Max \$180/hour	8240002	18.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 230303 007

Letting Date: March 3, 2023

Contract ID: 69013-212025

Description: 0.23 mi of rest area site, building reconstruction, hot mix asphalt reconstruction, concrete curb, gutter and sidewalk, drainage, signage, and pavement markings on I-75NB Gaylord Rest Area in the city of Gaylord, Otsego County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212025A	23A0268	N/A	NH 69013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$450,100.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.010	Acre
0015	Stump, Rem, 19 inch to 36 inch	2020006	5.000	Ea
0020	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	16.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0035	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0040	Dr Structure, Rem	2030011	3.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	395.000	Ft
0050	Asbestos Materials, Rem and Disposal	2040001	5,000.000	Dlr
0055	Curb and Gutter, Rem	2040020	619.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0065	Sidewalk, Rem	2040055	778.000	Syd
0070	_ Rem Building	2047051	1.000	LSUM
0075	_ Rem Misc Site Items	2047051	1.000	LSUM
0080	Ditch Cleanout	2050006	3.000	Sta
0085	Embankment, CIP	2050010	1,573.000	Cyd
0090	Excavation, Earth	2050016	10,607.000	Cyd
0095	Erosion Control, Check Dam, Stone	2080012	110.000	Ft
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	3.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	11.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	11.000	Ea
0115	Erosion Control, Silt Fence	2080036	4,550.000	Ft
0120	Project Cleanup	2090001	1.000	LSUM
0125	Subbase, CIP	3010002	4,332.000	Cyd
0130	Aggregate Base, 6 inch	3020016	8,122.000	Syd
0135	Maintenance Gravel, LM	3060021	106.000	Cyd

0140	Shld, CI II, 6 inch	3070128	518.000	Syd
0145	Culv End Sect, 18 inch	4010018	3.000	Ea
0150	Culv End Sect, Footing	4010072	3.000	Ea
0155	Culv, CI E, 18 inch	4010541	51.000	Ft
0160	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	2.000	Ea
0165	Dr Marker Post	4011109	5.000	Ea
0170	Sewer, CI E, 18 inch, Tr Det B	4020602	191.000	Ft
0175	Video Taping Sewer and Culv Pipe	4021275	190.000	Ft
0180	Dr Structure Cover, Type G	4030040	2.000	Ea
0185	Dr Structure Cover, Type K	4030050	1.000	Ea
0190	Dr Structure, 48 inch dia	4030210	3.000	Ea
0195	Underdrain, Subbase, 4 inch	4040061	48.000	Ft
0200	Pavt, Cleaning	5010001	1.000	LSUM
0205	HMA Surface, Rem	5010005	7,925.000	Syd
0210	HMA Quality Initiative	5010007	5,164.000	Dlr
0215	Longit Joint Density Quality Initiative	5010018	5,000.000	Dlr
0220	HMA, 3EML	5012013	1,203.000	Ton
0225	HMA, 4EML	5012025	803.000	Ton
0230	HMA, 5EML	5012037	576.000	Ton
0235	_ Ash Urn	7087050	2.000	Ea
0240	_ Rest Area Building	7097051	1.000	LSUM
0245	_ Well Connection, DI, 4 inch, Tr Det F	8007001	462.000	Ft
0250	_ Well in Drift, 8 inch	8007001	500.000	Ft
0255	_ Well in Rock, 8 inch	8007001	100.000	Ft
0260	_ Sand Media	8007021	3,500.000	Cyd
0265	_ Capacity Test	8007040	8.000	Hr
0270	_ Conc Septic Tank, 5000 Gallon	8007050	2.000	Ea
0275	_ Conc Surge Tank, 5000 Gallon	8007050	1.000	Ea
0280	_ Picnic Stove	8007050	4.000	Ea
0285	_ Picnic Table	8007050	11.000	Ea
0290	_ Pitless Adaptor	8007050	1.000	Ea
0295	_ Sanitary Air Release Structure, Rem	8007050	1.000	Ea
0300	_ Submersible Pump	8007050	1.000	Ea
0305	_ Well Screen	8007050	1.000	Ea
0310	_ Abandon Well	8007051	1.000	LSUM
0315	_ Dosing Tank	8007051	1.000	LSUM
0320	_ Extended Water Outlet	8007051	1.000	LSUM
0325	_ Precast Conc Storage Building	8007051	1.000	LSUM
0330	_ Septic Tank, Abandon	8007051	1.000	LSUM
0335	_ Sewage Pump Station, Abandon	8007051	1.000	LSUM
0340	_ Soil Absorption System	8007051	1.000	LSUM
0345	_ Underground Propane Tank System	8007051	1.000	LSUM
0350	_ Well Development	8007051	1.000	LSUM
0355	Curb and Gutter, Conc, Det C6	8020025	607.000	Ft
0360	Shld Gutter, Conc, Det 3	8020057	3.000	Ea

0365	_ Conc Curb, Spec	8027001	102.000	Ft
0370	Curb Ramp Opening, Conc	8030030	68.000	Ft
0375	Sidewalk, Conc, 4 inch	8030044	7,890.000	Sft
0380	Sidewalk, Conc, 8 inch	8030048	500.000	Sft
0385	_ Detectable Warning Surface, Metal	8037001	46.000	Ft
0390	_ Wood Fence	8087001	60.000	Ft
0395	Delineator Reflector, Red	8100131	5.000	Ea
0400	Delineator Reflector, Yellow	8100132	19.000	Ea
0405	Delineator Reflector, Green	8100133	10.000	Ea
0410	Delineator Reflector, White	8100134	31.000	Ea
0415	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	5.000	Ea
0420	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	2.000	Ea
0425	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	10.000	Ea
0430	Installing MDOT Supplied Sign, Type III	8100302	1.000	Ea
0435	Post, Flexible, Delineator	8100360	12.000	Ea
0440	Post, Rigid, Delineator	8100361	60.000	Ea
0445	Post, Steel, 3 pound	8100371	389.000	Ft
0450	Post, Wood, 4 inch by 6 inch	8100380	40.000	Ft
0455	Sign, Type II, Rem	8100397	3.000	Ea
0460	Sign, Type IIA	8100398	51.000	Sft
0465	Sign, Type IIB	8100399	31.000	Sft
0470	Sign, Type III, Rem	8100403	18.000	Ea
0475	Sign, Type IIIA	8100404	74.000	Sft
0480	Sign, Type IIIB	8100405	8.000	Sft
0485	Sign, Type VB	8100425	32.000	Sft
0490	Reflective Panel for Permanent Sign Support, 3 foot	8100613	8.000	Ea
0495	Ground Mtd Sign Support, Rem	8102010	25.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Bus	8110059	2.000	Ea
0505	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	110.000	Ft
0510	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea
0515	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,365.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,450.000	Ft
0525	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	1,365.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,450.000	Ft
0535	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	190.000	Ft
0540	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	2,200.000	Ft
0545	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,450.000	Ft
0550	Recessing Pavt Mrkg, Transv	8110451	115.000	Sft
0555	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea

0565	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0575	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0585	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0590	Sign Cover	8120310	5.000	Ea
0595	Sign Cover, Type I	8120320	4.000	Ea
0600	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0605	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0610	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	10.000	Sft
0615	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	10.000	Sft
0620	Riprap, Plain	8130010	60.000	Syd
0625	_ Steel Landscape Edging, 4 inch	8157001	230.000	Ft
0630	_ Temp Tree Protection	8157001	800.000	Ft
0635	_ Peat Soil, Special	8157021	6.000	Cyd
0640	_ River Rock, 2-inch	8157021	10.000	Cyd
0645	_ Horticultural Work	8157040	40.000	Hr
0650	_ Bench	8157050	5.000	Ea
0655	_ Flag Pole	8157050	1.000	Ea
0660	_ Trash Container	8157050	6.000	Ea
0665	_ Turf Establishment, Performance	8167011	9,111.000	Syd
0670	_ Mulch, Shredded Bark	8167021	20.000	Cyd
0675	Conduit, Rem	8182000	1,350.000	Ft
0680	Conduit, Schedule 80, 1 inch	8182144	775.000	Ft
0685	Conduit, Schedule 80, 2 inch	8182146	2,775.000	Ft
0690	Conduit, Schedule 80, 4 inch	8182150	330.000	Ft
0695	DB Cable, in Conduit, 600V, 1/C#8	8182188	7,255.000	Ft
0700	DB Cable, in Conduit, 600V, 1/C#10	8182189	900.000	Ft
0705	Cable, Equipment Grounding Wire, 1/C#8	8182292	2,700.000	Ft
0710	Cable, Equipment Grounding Wire, 1/C#10	8182293	450.000	Ft
0715	Hh, Round	8182310	33.000	Ea
0720	Hh, Rem	8182330	4.000	Ea
0725	_ DB Cable, in Conduit, 600V, 1/C#350 KCM	8187001	330.000	Ft
0730	Light Std Arm, 6 foot	8190265	19.000	Ea
0735	Light Std Arm, Rem	8190277	10.000	Ea
0740	Light Std Fdn	8190279	24.000	Ea
0745	Light Std Fdn, Rem	8190280	8.000	Ea
0750	Light Std Shaft, 30 foot or less	8190285	5.000	Ea
0755	Light Std Shaft, 31 foot to 40 foot	8190286	19.000	Ea
0760	Light Std Shaft, Rem	8190305	8.000	Ea
0765	Luminaire, Rem	8190360	10.000	Ea
0770	_ Luminaire, Flagpole	8197050	2.000	Ea
0775	_ Luminaire, Parking	8197050	19.000	Ea
0780	_ Luminaire, Walkway	8197050	5.000	Ea
0785	_ Outdoor Outlet	8197050	2.000	Ea

0790	_ Utility, Elec	8197060	15,000.000	Dlr
0795	_ Utility, Telephone	8197060	10,000.000	Dlr
0800	Contractor Staking	8240001	1.000	LSUM
0805	Staking Plan Errors and Extras, Max \$180/hour	8240002	49.000	Hr
0810	Sanitary Sewer, PVC, 6 inch, Tr Det A2	8252024	211.000	Ft
0815	Sanitary Structure, 60 inch dia	8252073	3.000	Ea
0820	Sanitary Structure Cover, Type Q	8252098	4.000	Ea
0825	Sanitary Structure, Rem	8252105	1.000	Ea
0830	_ Sanitary Force Main, PVC, 3 inch, Tr Det A2	8257001	380.000	Ft
0835	_ Sanitary Force Main, Cleanout Structure, 84 inch dia	8257050	1.000	Ea



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 008**Letting Date:** March 3, 2023**Contract ID:** 84053-133104**Description:** 2023 Statewide airport crack sealing at 16 airports.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
133104A	Later	N/A	N/A 84053
208968A	Later	N/A	N/A 84053
209507A	Later	N/A	N/A 84053
210926A	Later	N/A	N/A 84053
211393A	Later	N/A	N/A 84053
213779A	Later	N/A	N/A 84053
216958A	Later	N/A	N/A 84053
217221A	Later	N/A	N/A 84053
217726A	Later	N/A	N/A 84053
217835A	Later	N/A	N/A 84053
218393A	Later	N/A	N/A 84053
218406A	Later	N/A	N/A 84053
218408A	Later	N/A	N/A 84053
218411A	Later	N/A	N/A 84053
218413A	Later	N/A	N/A 84053
218422A	Later	N/A	N/A 84053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Asphalt Crack Repair- Mastic	1010275	39,353.000	Lft
0010	Misc. Ferry Transportation to Mackinac Island	1017051	1.000	LSUM
0015	Misc. HMA Crack Treatment	1017201	609,016.000	Lft



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 009**Letting Date:** March 3, 2023**Contract ID:** 84053-130978**Description:** 2023 Statewide airport paint marking at 17 airports.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130978A	Later	N/A	N/A 84053
217222A	Later	N/A	N/A 84053
217468A	Later	N/A	N/A 84053
217684A	Later	N/A	N/A 84053
217727A	Later	N/A	N/A 84053
217825A	Later	N/A	N/A 84053
217837A	Later	N/A	N/A 84053
217856A	Later	N/A	N/A 84053
218061A	Later	N/A	N/A 84053
218067A	Later	N/A	N/A 84053
218068A	Later	N/A	N/A 84053
218358A	Later	N/A	N/A 84053
218405A	Later	N/A	N/A 84053
218407A	Later	N/A	N/A 84053
218409A	Later	N/A	N/A 84053
218412A	Later	N/A	N/A 84053
218414A	Later	N/A	N/A 84053

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Misc. Ferry Transportation to Mackinac Island	1017051	1.000	LSUM
0010	Misc. 12' Surface Painted Holding Sign	6057050	15.000	Ea
0015	Remarking Airport Pavement, Solid, Black	6200524	158,111.000	Sft
0020	Remarking Airport Pavement, Striated, White, With Reflective Beads	6200536	130,468.000	Sft
0025	Remarking Airport Pavement, Solid, White, With Reflective Beads	6200538	448,546.000	Sft
0030	Remarking Airport Pavement, Solid, Yellow, With Reflective Beads	6200539	237,425.000	Sft



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 010**Letting Date:** March 3, 2023**Contract ID:** 82023-212848

Description: Bridge rehabilitation including structural steel repairs, expansion joint, pier cap and bearing replacement, heat straightening and substructure patching on various routes at nine bridge locations in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212848A	N/A	N/A	M 82023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$265,000.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	301.000	Syd
0015	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0020	Erosion Control, Sand Bag	2080028	224.000	Ea
0025	Erosion Control, Silt Fence	2080036	100.000	Ft
0030	Open-Graded Dr Cse, 16 inch	3030016	274.000	Syd
0035	Underdrain, Pipe, Open-Graded, 6 inch	4040043	264.000	Ft
0040	Video Inspection of Underdrain	4040200	264.000	Ft
0045	Shld, Nonreinf Conc, High Performance	6020524	308.000	Syd
0050	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0055	_ Valley Gutter, Conc, Modified	8027001	240.000	Ft
0060	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	240.000	Ft
0065	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0070	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	520.000	Ft
0075	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	600.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	137.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	137.000	Ea
0090	Pedestrian Type II Barricade, Temp	8120026	19.000	Ea
0095	Conc Barrier Ending, Temp, Det 2, Furn	8120041	7.000	Ea
0100	Conc Barrier Ending, Temp, Det 2, Oper	8120042	7.000	Ea
0105	Conc Barrier Reflector Replacement	8120070	16.000	Ea
0110	Conc Barrier, Temp, Adj	8120080	460.000	Ft
0115	Conc Barrier, Temp, Furn	8120081	3,160.000	Ft
0120	Conc Barrier, Temp, Oper	8120082	3,160.000	Ft
0125	High Intensity Light, Type B, Furn	8120110	7.000	Ea
0130	High Intensity Light, Type B, Oper	8120111	7.000	Ea

0135	Lighted Arrow, Type C, Furn	8120140	13.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	13.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Mobile Attenuator	8120180	4.000	Ea
0155	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,080.000	Ft
0160	Plastic Drum, Fluorescent, Furn	8120252	636.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	636.000	Ea
0170	Sign Cover	8120310	31.000	Ea
0175	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	15.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	15.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	5,938.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	5,938.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	499.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	499.000	Sft
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,280.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	800.000	Ft
0215	Freeway Shld Corrugations, Milled, Conc	8222000	240.000	Ft
0220	Contractor Staking	8240001	1.000	LSUM
0225	Staking Plan Errors and Extras, Max \$180/hour	8240002	35.000	Hr

Section: 2

0230	Backfill, Structure, CIP	2060002	519.000	Cyd
0235	Excavation, Fdn	2060010	556.000	Cyd
0240	Dr Structure Lead, Cleaning, 8 inch	4030108	125.000	Ft
0245	Dr Structure, Cleaning	4030290	2.000	Ea
0250	Joint, Expansion, E3	6020208	8.000	Ft
0255	Expansion Joint Device	7060050	67.000	Ft
0260	Expansion Joint Device, Cover Plate	7060051	16.000	Ft
0265	False Decking	7060060	1,329.000	Sft
0270	Reinforcement, Steel, Epoxy Coated	7060092	8,633.000	Lb
0275	Substructure Conc	7060100	28.000	Cyd
0280	Sealing Localized Cracks (S02 of 82124)	7060220	1.000	LSUM
0285	Conc, Grade 4500HP	7062004	10.000	Cyd
0290	_ Wood False Decking, Left in Place	7067010	300.000	Sft
0295	Bearing, Elastomeric, 2 1/4 inch	7070017	5,089.000	Sin
0300	Structural Steel, Mixed, Erect	7070050	296.000	Lb
0305	Structural Steel, Mixed, Furn and Fab	7070051	296.000	Lb
0310	Structural Steel, Plate, Erect	7070060	160.000	Lb
0315	Structural Steel, Plate, Furn and Fab	7070061	160.000	Lb
0320	Joint Waterproofing	7100001	470.000	Sft
0325	Substructure Horizontal Surface Sealer (S02 of 82124)	7100030	24.000	Syd
0330	Hand Chipping, Other Than Deck	7120007	17.000	Cft

0335	Patch, Forming	7120017	50.000	Sft
0340	Structures, Rehabilitation, Rem Portions (P03 of 82023)	7120070	1.000	LSUM
0345	Structures, Rehabilitation, Rem Portions (S02 of 82124)	7120070	1.000	LSUM
0350	Structures, Rehabilitation, Rem Portions (S06 of 82023)	7120070	1.000	LSUM
0355	Structures, Rehabilitation, Rem Portions (S09 of 82112)	7120070	1.000	LSUM
0360	Structures, Rehabilitation, Rem Portions (S14 of 82112)	7120070	1.000	LSUM
0365	Structures, Rehabilitation, Rem Portions (S20 of 82112)	7120070	1.000	LSUM
0370	Structures, Rehabilitation, Rem Portions (S34-5 of 82112)	7120070	1.000	LSUM
0375	Structures, Rehabilitation, Rem Portions (S34-7 of 82112)	7120070	1.000	LSUM
0380	Structures, Rehabilitation, Rem Portions P04 of 82112)	7120070	1.000	LSUM
0385	Deck Joint, Rem	7120071	67.000	Ft
0390	Patching Conc, C-L	7120112	2.000	Cyd
0395	Embedded Galvanic Anode	7120120	117.000	Ea
0400	_ Deck, Scaling	7127010	200.000	Sft
0405	Beam Plate, Seal Perimeter	7130010	141.000	Ft
0410	Heat Straightening Steel (S06 of 82023)	7130040	1.000	LSUM
0415	Stiffeners, Furn, Fab, and Erect	7130060	635.000	Lb
0420	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	937.000	Lb
0425	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	8,124.000	Lb
0430	Support, Column, Temp	7130080	69.000	Ea
0435	Support, Diaphragm, Temp	7130081	18.000	Ea
0440	_ Field Welding Structural Steel	7137050	2.000	Ea
0445	Steel Structure, Cleaning, Partial, Type 4 (P03 of 82023)	7150047	1.000	LSUM
0450	Steel Structure, Cleaning, Partial, Type 4 (S06 of 82023)	7150047	1.000	LSUM
0455	Steel Structure, Coating, Partial, Type 4 (P03 of 82023)	7150048	1.000	LSUM
0460	Steel Structure, Coating, Partial, Type 4 (S06 of 82023)	7150048	1.000	LSUM
0465	Field Repr of Damaged Coating (P03 of 82023)	7160001	1.000	LSUM
0470	Field Repr of Damaged Coating (P04 of 82112)	7160001	1.000	LSUM
0475	Field Repr of Damaged Coating (S06 of 82023)	7160001	1.000	LSUM
0480	Field Repr of Damaged Coating (S09 of 82112)	7160001	1.000	LSUM
0485	Field Repr of Damaged Coating (S20 of 82112)	7160001	1.000	LSUM
0490	_ Fence, Structure, Handrail	8087001	12.000	Ft
0495	Riprap, Grouted	8130001	17.000	Syd
0500	Slope Paving Header	8130015	138.000	Ft
0505	Slope Paving, Conc	8130020	367.000	Syd



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 011**Letting Date:** March 3, 2023**Contract ID:** 28013-131655

Description: 2.15 mi of hot mix asphalt reconstruction, concrete curb, gutter, sidewalk and ramp upgrades, storm sewer improvements, bridge rehabilitation including epoxy overlay and bearing replacements and pavement markings on US-31/M-37/M-72/M-22 from west of US-31/M-37/Division Street easterly to north side of M-37 North/Garfield Avenue in the city of Traverse City, Grand Traverse County. This project includes two 5 year materials and workmanship pavement warranties and a 5 year performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131655A	23A0271	N/A	NH 28013
207057A	N/A	N/A	M 28013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Dispute Review Board, Hearing	1040010	7,500.000	Dlr
0010	Dispute Review Board, Progress Meeting	1040050	35,000.000	Dlr
0015	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$2,072,400.00	1100001	1.000	LSUM
0025	Tree, Rem, 6 inch to 18 inch	2020004	31.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	2,063.000	Ft
0035	_ Abandoned Utility, Rem	2037001	7,200.000	Ft
0040	Curb and Gutter, Rem	2040020	899.000	Ft
0045	Curb, Rem	2040021	895.000	Ft
0050	Guardrail, Rem	2040035	1,312.000	Ft
0055	Masonry and Conc Structure, Rem	2040045	75.000	Cyd
0060	Pavt, Rem	2040050	72,707.000	Syd
0065	Sidewalk, Rem	2040055	6,664.000	Syd
0070	Exploratory Investigation, Vertical	2040080	1,300.000	Ft
0075	_ Pavt, Rem, Spec	2047011	1,006.000	Syd
0080	Embankment, CIP	2050010	6,204.000	Cyd
0085	Excavation, Earth	2050016	60,559.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0095	Subgrade Undercutting, Type II	2050041	5,000.000	Cyd
0100	Flowable Fill, Non-Structural	2050148	624.000	Cyd
0105	Aggregate	2060005	537.000	Cyd
0110	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	220.000	Ea
0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	64.000	Ea

0125	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0130	Erosion Control, Sand Bag	2080028	60.000	Ea
0135	Erosion Control, Silt Fence	2080036	21,141.000	Ft
0140	Project Cleanup	2090001	1.000	LSUM
0145	Subbase, CIP	3010002	41,224.000	Cyd
0150	Aggregate Base, 4 inch	3020010	44,648.000	Syd
0155	Aggregate Base, 6 inch	3020016	82,416.000	Syd
0160	Open-Graded Dr Cse, 6 inch	3030006	668.000	Syd
0165	Driveway Maintenance, Commercial	3062000	40.000	Ea
0170	Driveway Maintenance, Residential	3062001	10.000	Ea
0175	Intersection Maintenance	3062002	12.000	Ea
0180	Approach, CI II, 6 inch	3070028	7.000	Syd
0185	_ Shld, CI II, 6 1/2 inch	3077011	70.000	Syd
0190	Dr Marker Post	4011109	40.000	Ea
0195	_ Steel Casing Pipe, 12 inch, Tr Det C	4017001	140.000	Ft
0200	_ Steel Casing Pipe, 6 inch, Tr Det G	4017001	140.000	Ft
0205	Sewer, CI A, 12 inch, Tr Det B	4020033	9,541.000	Ft
0210	Sewer, CI A, 15 inch, Tr Det B	4020034	534.000	Ft
0215	Sewer, CI A, 18 inch, Tr Det B	4020035	885.000	Ft
0220	Sewer, CI A, 24 inch, Tr Det B	4020036	2,238.000	Ft
0225	Sewer, CI A, 30 inch, Tr Det B	4020037	280.000	Ft
0230	Sewer, CI A, 42 inch, Tr Det B	4020039	133.000	Ft
0235	Sewer, CI A, 48 inch, Tr Det B	4020040	95.000	Ft
0240	Sewer, CI E, 12 inch, Tr Det B	4020600	1,551.000	Ft
0245	Sewer, CI E, 15 inch, Tr Det B	4020601	8.000	Ft
0250	Sewer, CI E, 18 inch, Tr Det B	4020602	99.000	Ft
0255	Sewer, CI E, 24 inch, Tr Det B	4020603	413.000	Ft
0260	Sewer, CI E, 30 inch, Tr Det B	4020604	739.000	Ft
0265	Sewer, CI E, 48 inch, Tr Det B	4020607	269.000	Ft
0270	Sewer Tap, 12 inch	4021204	2.000	Ea
0275	Video Taping Sewer and Culv Pipe	4021275	16,480.000	Ft
0280	Dr Structure Cover, Adj, Case 1	4030005	19.000	Ea
0285	Dr Structure Cover, Type B	4030010	64.000	Ea
0290	Dr Structure Cover, Type D	4030025	5.000	Ea
0295	Dr Structure Cover, Type DX	4030030	1.000	Ea
0300	Dr Structure Cover, Type K	4030050	189.000	Ea
0305	Dr Structure, 24 inch dia	4030200	1.000	Ea
0310	Dr Structure, 48 inch dia	4030210	178.000	Ea
0315	Dr Structure, 60 inch dia	4030220	54.000	Ea
0320	Dr Structure, 72 inch dia	4030230	12.000	Ea
0325	Dr Structure, 84 inch dia	4030231	5.000	Ea
0330	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	2.000	Ft
0335	Dr Structure, 96 inch dia	4030234	1.000	Ea
0340	Dr Structure, 108 inch dia	4030237	3.000	Ea

0345	Dr Structure, 120 inch dia	4030242	1.000	Ea
0350	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	151.000	Ft
0355	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	30.000	Ft
0360	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	2.000	Ft
0365	Dr Structure, Tap, 6 inch	4030306	41.000	Ea
0370	_ Dr Structure Cover, Type D, Modified	4037050	13.000	Ea
0375	_ Dr Structure Cover, Type K, Modified	4037050	2.000	Ea
0380	_ Traverse City Outlet Cover	4037050	18.000	Ea
0385	_ Stormwater Hydrodynamic Separator No.01	4037051	1.000	LSUM
0390	_ Stormwater Hydrodynamic Separator No.02	4037051	1.000	LSUM
0395	Underdrain, Pipe, Open-Graded, 6 inch	4040043	325.000	Ft
0400	Underdrain, Subbase, 6 inch	4040063	49,568.000	Ft
0405	Underdrain, Subgrade, 6 inch	4040073	4,500.000	Ft
0410	Underdrain Outlet, 6 inch	4040093	2,528.000	Ft
0415	Video Inspection of Underdrain	4040200	49,568.000	Ft
0420	Bump Grinding	5010004	200.000	Syd
0425	HMA Surface, Rem	5010005	40,834.000	Syd
0430	HMA Patch, Rem	5010006	6.000	Syd
0435	HMA Quality Initiative	5010007	51,480.000	Dlr
0440	Longit Joint Density Quality Initiative	5010018	32,150.000	Dlr
0445	Hand Patching	5010025	693.000	Ton
0450	HMA Approach	5010061	1,786.000	Ton
0455	HMA Approach, High Stress	5010520	1,590.000	Ton
0460	HMA, 3EMH	5012014	10,000.000	Ton
0465	HMA, 4EMH, High Stress	5012074	6,669.000	Ton
0470	HMA, 5EMH, High Stress	5012086	5,002.000	Ton
0475	HMA, Temp Pavt (3EML)	5012101	630.000	Ton
0480	Joint, Expansion, E2	6020207	80.000	Ft
0485	Joint, Expansion, E3	6020208	138.000	Ft
0490	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	656.000	Syd
0495	Lane Tie, Epoxy Anchored	6030030	431.000	Ea
0500	Steel Sheet Piling, Temp	7040002	3,360.000	Sft
0505	Reinforcement, Steel, Epoxy Coated	7060092	3,700.000	Lb
0510	_ Rub Rail	7097001	680.000	Ft
0515	Scarifying	7120001	57.000	Syd
0520	Conc, Silica Fume Modified	7120027	12.000	Cyd
0525	Coating Galvanized Support Structures	7160010	2.000	Ea
0530	_ Utility Protection	8007001	2,700.000	Ft
0535	_ Surveillance System, Remote Site, Type A, Rem	8007050	1.000	Ea
0540	_ Gemini Unit, Install Salv	8007050	4.000	Ea
0545	_ Gemini Unit, Rem and Salv	8007050	4.000	Ea
0550	_ Roadside Unit, Rem and Salv	8007050	3.000	Ea
0555	_ Surveillance System, Install Salv	8007050	1.000	Ea

0560	_ Utility Protection, Pole	8007050	188.000	Ea
0565	_ Wi-Fi Sensor, Field, Install Salv	8007050	2.000	Ea
0570	_ Wi-Fi Sensor, Field, Rem and Salv	8007050	2.000	Ea
0575	_ Treatment System for Contaminated Groundwater, Site	8007051	1.000	LSUM
0580	Driveway, Nonreinf Conc, 6 inch	8010005	1,527.000	Syd
0585	Curb, Conc, Det E4	8020004	228.000	Ft
0590	Curb and Gutter, Conc, Det C3	8020022	1,209.000	Ft
0595	Curb and Gutter, Conc, Det C4	8020023	34,884.000	Ft
0600	Curb and Gutter, Conc, Det D1	8020030	52.000	Ft
0605	Curb and Gutter, Conc, Det D2	8020031	110.000	Ft
0610	Driveway Opening, Conc, Det M	8020050	1,227.000	Ft
0615	_ Curb and Gutter, Conc, Det C4, Modified	8027001	43.000	Ft
0620	Detectable Warning Surface	8030010	620.000	Ft
0625	Curb Ramp Opening, Conc	8030030	620.000	Ft
0630	Sidewalk, Conc, 4 inch	8030044	45,383.000	Sft
0635	Sidewalk, Clay Brick Pavers	8030050	779.000	Sft
0640	Curb Ramp, Conc, 6 inch	8032002	9,704.000	Sft
0645	_ Brick Pavers, Rem and Salv	8037010	1,541.000	Sft
0650	_ Crosswalk, Clay Brick Pavers	8037010	575.000	Sft
0655	_ Decorative Conc, Surface, 6 inch	8037010	11,150.000	Sft
0660	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	1,306.000	Sft
0665	Curb Slp, HMA	8050010	1,530.000	Ft
0670	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0675	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0680	Guardrail Reflector	8070080	35.000	Ea
0685	Guardrail, Type MGS-8, 72 inch Post	8072179	1,624.000	Ft
0690	Fence, Protective	8080007	1,000.000	Ft
0695	Field Office, CI 1	8090001	24.000	Mo
0700	Field Office, Utility Fees	8090010	10,000.000	Dlr
0705	Band, Sign	8100010	57.000	Ea
0710	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	28.000	Ea
0715	Fdn, Wood Support, Rem	8100280	50.000	Ea
0720	Installing MDOT Supplied Sign, Type III	8100302	10.000	Ea
0725	Perforated Steel Square Tube Breakaway System	8100330	10.000	Ea
0730	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	10.000	Ea
0735	Post Hole Through Conc for Steel Post	8100340	27.000	Ea
0740	Post, Flexible, Delineator	8100360	14.000	Ea
0745	Post, Steel, 3 pound	8100371	3,154.000	Ft
0750	Post, Wood, 4 inch by 6 inch	8100380	482.000	Ft
0755	Post, Wood, 6 inch by 8 inch	8100382	460.000	Ft
0760	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0765	Sign, Type II, Rem	8100397	14.000	Ea
0770	Sign, Type IIA	8100398	196.000	Sft

0775	Sign, Type IIB	8100399	94.000	Sft
0780	Sign, Type III, Erect, Salv	8100402	56.000	Ea
0785	Sign, Type III, Rem	8100403	244.000	Ea
0790	Sign, Type IIIA	8100404	399.000	Sft
0795	Sign, Type IIIB	8100405	1,097.000	Sft
0800	Sign, Type V, Rem	8100421	1.000	Ea
0805	Sign, Type VA	8100424	13.000	Sft
0810	Sign, Type VB	8100425	101.000	Sft
0815	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0820	Sign, Type II, Rem, Salv	8102002	7.000	Ea
0825	Sign, Type III, Rem, Salv	8102003	62.000	Ea
0830	Ground Mtd Sign Support, Rem	8102010	189.000	Ea
0835	Pavt Mrkg, Ovly Cold Plastic, 4 inch, White	8110022	355.000	Ft
0840	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Yellow	8110023	865.000	Ft
0845	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	625.000	Ft
0850	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	85.000	Ft
0855	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	65.000	Ft
0860	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0865	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0870	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0875	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0880	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,635.000	Ft
0885	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	3,190.000	Ft
0890	Rem Spec Mrkg	8110343	766.000	Sft
0895	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0900	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0905	Recessing Pavt Mrkg, Longit	8110450	28,580.000	Ft
0910	Recessing Pavt Mrkg, Transv	8110451	2,540.000	Sft
0915	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	30.000	Ft
0920	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, White	8117001	9,260.000	Ft
0925	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, Yellow	8117001	15,325.000	Ft
0930	_ Pavt Mrkg, Durable Spec Mrkg, 12 inch, Cross Hatching, White	8117001	250.000	Ft
0935	_ Pavt Mrkg, Durable Spec Mrkg, 12 inch, Cross Hatching, Yellow	8117001	185.000	Ft
0940	_ Pavt Mrkg, Durable Spec Mrkg, 24 inch, Stop Bar	8117001	4,330.000	Ft
0945	_ Pavt Mrkg, Durable Spec Mrkg, Bike Thru Arrow Sym	8117050	4.000	Ea
0950	_ Pavt Mrkg, Durable Spec Mrkg, Bike, Small Sym	8117050	4.000	Ea
0955	_ Pavt Mrkg, Durable Spec Mrkg, Lt & Rt Turn Arrow Sym	8117050	1.000	Ea
0960	_ Pavt Mrkg, Durable Spec Mrkg, Lt Turn Arrow Sym	8117050	26.000	Ea
0965	_ Pavt Mrkg, Durable Spec Mrkg, Rt Turn Arrow Sym	8117050	5.000	Ea
0970	_ Pavt Mrkg, Durable Spec Mrkg, School	8117050	2.000	Ea

0975	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	164.000	Ea
0980	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	164.000	Ea
0985	Pedestrian Type II Barricade, Temp	8120026	100.000	Ea
0990	Pedestrian Type II Channelizer, Temp	8120027	600.000	Ft
0995	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
1000	Conc Barrier Ending, Temp, Det 2, Oper	8120042	5.000	Ea
1005	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	4.000	Ea
1010	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	52.000	Ea
1015	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1020	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1025	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
1030	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
1035	Minor Traf Devices	8120170	1.000	LSUM
1040	Mobile Attenuator	8120180	2.000	Ea
1045	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	22,351.000	Ft
1050	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	272.000	Ft
1055	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	5,118.000	Ft
1060	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	146.000	Ft
1065	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	367.000	Ft
1070	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	156.000	Ft
1075	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	332.000	Ft
1085	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	15,690.000	Ft
1090	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,521.000	Ft
1095	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	28,359.000	Ft
1100	Plastic Drum, Fluorescent, Furn	8120252	550.000	Ea
1105	Plastic Drum, Fluorescent, Oper	8120253	550.000	Ea
1110	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	499.000	Ft
1115	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	14.000	Ea
1120	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	12.000	Ea
1125	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	888.000	Ft
1130	Sign Cover	8120310	22.000	Ea
1135	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
1140	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
1145	Sign, Type A, Temp, Prismatic, Furn	8120340	852.000	Sft
1150	Sign, Type A, Temp, Prismatic, Oper	8120341	852.000	Sft

1155	Sign, Type B, Temp, Prismatic, Furn	8120350	9,491.000	Sft
1160	Sign, Type B, Temp, Prismatic, Oper	8120351	9,491.000	Sft
1165	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	742.000	Sft
1170	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	742.000	Sft
1175	Traf Regulator Control	8120370	1.000	LSUM
1180	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	1,300.000	Ft
1185	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	2,600.000	Ft
1190	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	1,300.000	Ft
1195	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	20,343.000	Ft
1200	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	35,018.000	Ft
1205	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	10,614.000	Ft
1210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	25,488.000	Ft
1215	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Yellow, Temp	8122014	1,134.000	Ft
1220	Speed Radar Trailer, Temp	8122028	3.000	Ea
1225	Pavt Mrkg, Type NR, Paint, Rt, Thru and Lt Turn Arrow	8122071	3.000	Ea
1230	Pavt Mrkg, Type NR, Paint, Thru and Lt Turn Arrow Sym	8122072	1.000	Ea
1235	Pavt Mrkg, Type NR, Paint, Thru and Rt Turn Arrow Sym	8122073	3.000	Ea
1240	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	11.000	Ea
1245	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt and Lt Turn Arrow Sym	8122145	6.000	Ea
1250	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow Sym	8122147	3.000	Ea
1255	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Rt Turn Arrow Sym	8122148	3.000	Ea
1260	Reflective Panel for Temp Sign Support, Furn	8122198	27.000	Ea
1265	Reflective Panel for Temp Sign Support, Oper	8122199	27.000	Ea
1270	Pedestrian Path, Temp	8122250	1,910.000	Ft
1275	Pedestrian Ramp, Temp	8122251	43.000	Ea
1280	_ Pedestrian Barrier With Fence, Temp	8127001	30.000	Ft
1285	Site Preparation, Max \$26,700.00	8150001	1.000	LSUM
1290	Watering and Cultivating, First Season, Min \$13,000.00	8150002	1.000	LSUM
1295	Watering and Cultivating, 2nd Season, Min \$16,000.00	8150003	1.000	LSUM
1300	Acer x freemanii 'Armstrong', 2 inch	8150219	10.000	Ea
1305	Asclepias tuberosa, #1 cont.	8150403	26.000	Ea
1310	Aster novae-angliae 'Purple Dome', #1 cont.	8150416	45.000	Ea
1315	Celtis occidentalis, 2 inch	8150780	2.000	Ea
1320	Coreopsis verticillata 'Zagreb', #1 cont.	8150900	46.000	Ea
1325	Diervilla lonicera 'Copper', #5 cont.	8151218	32.000	Ea
1330	Echinacea purpurea, #1 cont.	8151268	44.000	Ea
1335	Gymnocladus dioicus, 2 inch	8151676	1.000	Ea
1340	Juniperus chinensis 'Sea Green', #2 cont.	8151940	45.000	Ea

1345	<i>Liatrix spicata</i> , #1 cont.	8152108	30.000	Ea
1350	<i>Nepeta x faassenii</i> 'Walkers Low', #2 cont.	8152497	100.000	Ea
1355	<i>Panicum virgatum</i> 'Shenandoah', #1 cont.	8152582	45.000	Ea
1360	<i>Pennisetum alopecuroides</i> 'Hameln', #1 cont.	8152639	7.000	Ea
1365	<i>Potentilla fruticosa</i> 'Tangerine', #2 cont.	8152924	41.000	Ea
1370	<i>Rhus aromatica</i> 'Gro-Low', #2 cont.	8153166	35.000	Ea
1375	<i>Rudbeckia fuldiga</i> 'Goldsturm', #1 cont.	8153279	66.000	Ea
1380	<i>Schizachyrium scoparium</i> 'The Blues', #1 cont.	8153406	55.000	Ea
1385	<i>Sedum</i> 'Autumn Joy', #1 cont.	8153421	51.000	Ea
1390	<i>Solidago riddellii</i> , #1 cont.	8153526	43.000	Ea
1395	<i>Sporobolus heterolepis</i> , #1 cont.	8153644	23.000	Ea
1400	<i>Syringa reticulata</i> 'Ivory Silk', 1 3/4 inch	8153717	12.000	Ea
1405	<i>Thuja occidentalis</i> 'Nigra', 6 foot	8153817	12.000	Ea
1410	<i>Tilia cordata</i> 'Greenspire', 2 inch	8153862	1.000	Ea
1415	_ <i>Acer rubrum</i> 'Autumn Flame', 2 inch	8157050	1.000	Ea
1420	_ <i>Acer x freemanii</i> 'Scarlet Sentinal', 2 inch	8157050	13.000	Ea
1425	_ <i>Cornus stolonifera</i> 'Farrow', #2 cont.	8157050	32.000	Ea
1430	_ <i>Ginkgo biloba</i> 'Magyar', 2 inch	8157050	8.000	Ea
1435	_ <i>Ginkgo biloba</i> 'Princeton Sentry', 2 inch	8157050	12.000	Ea
1440	_ <i>Koeleria macrantha</i> , #1 cont.	8157050	28.000	Ea
1445	_ <i>Koeleruteria paniculata</i> 'rose lantern', 2 inch	8157050	1.000	Ea
1450	_ <i>Microbiota decussata</i> , #2 cont.	8157050	86.000	Ea
1455	_ <i>Quercus robur x alba</i> 'Crimschmidt', 2 inch	8157050	8.000	Ea
1460	_ <i>Quercus robur x bicolor</i> 'Long', 2 inch	8157050	9.000	Ea
1465	_ <i>Zelkova serrata</i> 'Musashino', 2 inch	8157050	11.000	Ea
1470	_ Turf Establishment, Performance	8167011	17,332.000	Syd
1475	Power Company (Estimated Cost to Contractor)	8180001	10,000.000	Dlr
1480	Conduit, Rem	8182000	390.000	Ft
1485	Conduit, Directional Bore, 1, 3 inch	8182035	65.000	Ft
1490	Conduit, Directional Bore, 2, 3 inch	8182037	330.000	Ft
1495	Conduit, Directional Bore, 3, 3 inch	8182039	70.000	Ft
1500	Conduit, DB, 1, 1 1/2 inch	8182048	755.000	Ft
1505	Conduit, DB, 3, 3 inch	8182056	130.000	Ft
1510	Conduit, DB, 4, 3 inch	8182059	60.000	Ft
1515	Conduit, DB, 1, 1 inch	8182060	50.000	Ft
1520	Conduit, Schedule 80, 4 inch	8182150	855.000	Ft
1525	Cable, Rem	8182196	120.000	Ft
1530	Cable Pole, TS, Disman	8182210	1.000	Ea
1535	Hh, Polymer Conc	8182309	10.000	Ea
1540	Hh, Round	8182310	16.000	Ea
1545	Hh, Round, 3 foot dia	8182319	2.000	Ea
1550	Hh, Adj	8182328	2.000	Ea
1555	Hh, Rem	8182330	13.000	Ea
1560	Wood Pole, Cl 4, 30 foot	8182349	3.000	Ea
1565	Wood Pole, Cl 4, 35 foot	8182350	5.000	Ea

1570	Wood Pole, Cl 4, 40 foot	8182351	12.000	Ea
1575	Wood Pole, Rem	8182363	22.000	Ea
1580	Serv Disconnect	8182366	3.000	Ea
1585	Serv Disconnect, Rem	8182367	3.000	Ea
1590	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
1595	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
1600	Wood Pole, Fit Up, TS Cable Pole	8182387	2.000	Ea
1605	_ Cable, P.J., 600V, 1, 10/C#16	8187001	90.000	Ft
1610	Light Std Arm, 10 foot	8190267	4.000	Ea
1615	Case Sign Panel	8200003	1.000	Ea
1620	Case Sign Panel, Rem	8200004	1.000	Ea
1625	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	3.000	Ea
1630	Case Sign, Rem	8200020	13.000	Ea
1635	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	3.000	Ea
1640	Controller and Cabinet, Rem	8200030	7.000	Ea
1645	Controller and Cabinet, Salv	8200037	3.000	Ea
1650	Case Sign, Salv	8200039	3.000	Ea
1655	Controller Fdn, Base Mtd	8200045	2.000	Ea
1660	Controller Fdn, Rem	8200046	2.000	Ea
1665	Global Positioning System Module	8200050	2.000	Ea
1670	Global Positioning System Module, Rem	8200053	2.000	Ea
1675	Fdn, Rem	8200065	4.000	Ea
1680	Louver	8200080	2.000	Ea
1685	TS, Managed Field Ethernet Switch, Rem	8200087	5.000	Ea
1690	TS, Managed Field Ethernet Switch, Salv	8200089	5.000	Ea
1695	Pedestal, Alum	8200100	9.000	Ea
1700	Pedestal, Alum, Salv	8200101	4.000	Ea
1705	Pedestal, Fdn	8200105	20.000	Ea
1710	Pedestal Fdn, Rem	8200106	10.000	Ea
1715	Pedestal, Rem	8200110	6.000	Ea
1720	Pedestal, Underground Serv, Metered	8200111	4.000	Ea
1725	Pedestal, Underground Serv, Rem	8200113	4.000	Ea
1730	Pushbutton and Sign	8200121	7.000	Ea
1735	Pushbutton, Rem	8200122	13.000	Ea
1740	Pushbutton, Pedestal, Alum	8200123	3.000	Ea
1745	Push Button Station and Sign	8200128	12.000	Ea
1750	Span Wire	8200140	18.000	Ea
1755	Span Wire, Rem	8200141	19.000	Ea
1760	Steel Pole, Rem	8200145	2.000	Ea
1765	TS, Bracket Arm Mtd, Rem	8200175	2.000	Ea
1770	TS, 4th Level Arrow, Rem	8200176	1.000	Ea
1775	TS, Mast Arm Mtd, Rem	8200177	15.000	Ea
1780	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	10.000	Ea
1785	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
1790	TS, Span Wire Mtd, Rem	8200182	51.000	Ea

1795	Cabinet, NEMA Type	8200186	4.000	Ea
1800	TS, One Way Span Wire Mtd, Salv	8200191	12.000	Ea
1805	TS, One Way Bracket Arm Mtd, Salv	8200221	2.000	Ea
1810	Pedestrian Signal System, Accessible	8200240	3.000	Ea
1815	TS, One Way Mast Arm Mtd, Salv	8200251	14.000	Ea
1820	Warning Sign	8200260	1.000	Ea
1825	Warning Sign, Rem	8200261	1.000	Ea
1830	TS, Wireless Link, Rem	8200280	12.000	Ea
1835	TS, Wireless Link, Salv	8200281	12.000	Ea
1840	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	2.000	Ea
1845	TS, One Way Span Wire Mtd (LED)	8200313	28.000	Ea
1850	TS, One Way Span Wire Mtd, FYA (LED)	8200314	2.000	Ea
1855	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
1860	TS, One Way Span Wire Mtd, RTGA (LED)	8200318	1.000	Ea
1865	TS, Two Way Span Wire Mtd (LED)	8200322	1.000	Ea
1870	TS, Four Way Span Wire Mtd (LED)	8200327	2.000	Ea
1875	TS, 4th Level, LTGA (LED)	8200329	4.000	Ea
1880	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	6.000	Ea
1885	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1890	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	13.000	Ea
1895	TS, One Way Mast Arm Mtd (LED)	8200359	4.000	Ea
1900	TS, Antenna, Rem	8200368	1.000	Ea
1905	TS, Antenna, Salv	8200369	1.000	Ea
1910	Bracket, Truss, with 12 foot Arm	8200376	1.000	Ea
1915	Bracket, Truss, with 18 foot Arm	8200378	1.000	Ea
1920	Bracket, Truss, Salv	8200385	5.000	Ea
1925	Bracket, Truss, Rem	8200388	7.000	Ea
1930	Wireless Repeater, Rem	8200418	7.000	Ea
1935	Wireless Repeater	8200421	7.000	Ea
1940	Wireless Vehicle Detection System, Rem	8200423	2.000	Ea
1945	Wireless Vehicle Detection System, Salv	8200424	2.000	Ea
1950	Wireless Vehicle Sensor Node	8200425	15.000	Ea
1955	Wireless Vehicle Sensor Node, Rem	8200426	13.000	Ea
1960	Hemispherical Video Detection Camera	8200444	2.000	Ea
1965	Hemispherical Video Detection System	8200445	1.000	Ea
1970	Hemispherical Video Detection Camera, Rem	8200446	6.000	Ea
1975	Hemispherical Video Detection System, Rem	8200447	5.000	Ea
1980	Hemispherical Video Detection Camera, Salv	8200448	5.000	Ea
1985	Hemispherical Video Detection System, Salv	8200449	4.000	Ea
1990	TS Head, Adj	8200452	44.000	Ea
1995	TS Face, Bag	8200458	104.000	Ea
2000	TS Face, Bag, Rem	8200459	83.000	Ea
2005	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea

2010	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
2015	Strain Pole Fdn, 6 Bolt	8200470	26.000	Ft
2020	Casing	8200480	96.000	Ft
2025	Wireless Intercn, Sign Mtd Flasher, Rem	8200496	1.000	Ea
2030	Wireless Intercn, Sign Mtd Flasher, Salv	8200497	1.000	Ea
2035	Mast Arm, Rem	8202004	6.000	Ea
2040	Mast Arm Std, Rem	8202005	2.000	Ea
2045	Mast Arm Pole, Cat I	8202010	4.000	Ea
2050	Mast Arm, 25 foot, Cat I	8202014	6.000	Ea
2055	Mast Arm, 50 foot, Cat I	8202019	1.000	Ea
2060	Mast Arm Pole Fdn, 6 Bolt	8202034	96.000	Ft
2065	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
2070	_ Mast Arm Pole, Cat I, Install Salv	8207050	2.000	Ea
2075	_ Mast Arm, 35 foot, Cat I, Install Salv	8207050	1.000	Ea
2080	_ Mast Arm, 45 foot, Cat I, Install Salv	8207050	2.000	Ea
2085	_ Mast Arm, 50 foot, Cat I, Install Salv	8207050	3.000	Ea
2090	_ St Name Sign, Two Way, Illuminated, Rem	8207050	4.000	Ea
2095	_ St Name Sign, Two Way, LED, 8 foot, Install Salv	8207050	4.000	Ea
2100	_ TS, One Way Bracket Arm Mtd, Five Sect (LED)	8207050	1.000	Ea
2105	Monument Box	8210001	83.000	Ea
2110	Monument Preservation	8210010	59.000	Ea
2115	Protect Corners	8210020	32.000	Ea
2120	Fire Hydrant	8230040	16.000	Ea
2125	Gate Valve and Box, 4 inch	8230050	4.000	Ea
2130	Gate Valve and Box, 6 inch	8230051	3.000	Ea
2135	Gate Valve and Box, 8 inch	8230052	2.000	Ea
2140	Gate Valve and Box, 12 inch	8230054	7.000	Ea
2145	Gate Valve and Box, 16 inch	8230055	3.000	Ea
2150	Gate Well, Rem	8230076	16.000	Ea
2155	Hydrant, Rem	8230091	14.000	Ea
2160	Water Main, 6 inch, Cut and Plug	8230131	16.000	Ea
2165	Water Main, 8 inch, Cut and Plug	8230132	4.000	Ea
2170	Water Main, 10 inch, Cut and Plug	8230133	1.000	Ea
2175	Water Main, 12 inch, Cut and Plug	8230134	2.000	Ea
2180	Water Main, 16 inch, Cut and Plug	8230135	3.000	Ea
2185	Water Main, DI, 6 inch, Tr Det G	8230151	109.000	Ft
2190	Water Main, DI, 8 inch, Tr Det G Water Main, DI, 8 inch, Tr Det G	8230156	1,277.000	Ft
2195	Water Main, DI, 10 inch, Tr Det G	8230161	94.000	Ft
2200	Water Main, DI, 12 inch, Tr Det G	8230166	3,760.000	Ft
2205	Water Main, DI, 16 inch, Tr Det G	8230171	1,199.000	Ft
2210	Water Serv	8230240	32.000	Ea
2215	Water Serv, Long	8230245	22.000	Ea
2220	Live Tap, 6 inch by 8 inch	8230260	8.000	Ea
2225	Live Tap, 6 inch by 12 inch	8230261	1.000	Ea

2230	Polyethylene Encasement	8230440	6,700.000	Ft
2235	Water Main Line Stop, 6 inch	8232041	14.000	Ea
2240	Water Main Line Stop, 8 inch	8232042	4.000	Ea
2245	Water Main Line Stop, 10 inch	8232043	1.000	Ea
2250	Water Main Line Stop, 12 inch	8232044	4.000	Ea
2255	Water Main Line Stop, 16 inch	8232045	2.000	Ea
2260	Live Tap, 8 inch by 8 inch	8232060	1.000	Ea
2265	Live Tap, 12 inch by 12 inch	8232061	2.000	Ea
2270	_ Water Main, DI, 16 inch, Directional Drill	8237001	175.000	Ft
2275	_ Water Main, DI, 4 inch, Tr Det G	8237001	86.000	Ft
2280	_ Live Tap, 10 inch by 10 inch	8237050	1.000	Ea
2285	_ Live Tap, 16 inch by 16 inch	8237050	2.000	Ea
2290	_ Live Tap, 24 inch by 12 inch	8237050	1.000	Ea
2295	_ Live Tap, 24 inch by 8 inch	8237050	1.000	Ea
2300	_ Live Tap, 8 inch by 10 inch	8237050	1.000	Ea
2305	_ Water Main, 18 inch, Cut and Plug	8237050	1.000	Ea
2310	Contractor Staking	8240001	1.000	LSUM
2315	Staking Plan Errors and Extras, Max \$180/hour	8240002	334.000	Hr
2320	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	110.000	Ft
2325	Sanitary Sewer, PVC, 10 inch, Tr Det B2	8252038	350.000	Ft
2330	Sanitary Structure, 48 inch dia	8252072	3.000	Ea
2335	Sanitary Structure Cover, Type Q	8252098	3.000	Ea
2340	Sanitary Structure, Rem	8252105	24.000	Ea
2345	Sanitary Structure, Tap, 8 inch	8252111	1.000	Ea
2350	Sanitary Sewer, Serv Lead, PVC, 6 inch	8252122	1,581.000	Ft
2355	Sanitary Sewer Cleanout, 6 inch	8252130	31.000	Ea
2360	Sanitary Sewer Cleanout, 8 inch	8252131	1.000	Ea
2365	_ Sanitary Sewer, Class A, 21 inch, Tr Det B	8257001	200.000	Ft
2370	_ Sanitary Sewer, Class A, 24 inch, Tr Det B	8257001	200.000	Ft
2375	_ Sanitary Sewer, PVC, 21 inch, Tr Det B2	8257001	40.000	Ft
2380	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2385	Lightning Protection, Pole	8260021	2.000	Ea
2390	Managed Field Ethernet Switch, Rem and Salv	8260084	5.000	Ea
2395	Managed Field Ethernet Switch, Install Salv	8260085	5.000	Ea
2400	System Integration and Testing	8260160	1.000	LSUM
2405	_ Contaminated Groundwater Dewatering and Treatment, Type 1	8507022	250,000.000	Gal
2410	_ Contaminated Groundwater Dewatering and Treatment, Type 2	8507022	5,000,000.000	Gal

Section: 2

2415	Substructure Horizontal Surface Sealer (B01 of 28013)	7100030	15.000	Syd
2420	Epoxy Ovly, Warranty	7120022	545.000	Syd
2425	Structures, Rehabilitation, Rem Portions (B01 of 28013)	7120070	1.000	LSUM
2430	_ Bridge Joints, Clean and Seal	7127001	79.000	Ft

2435	_ Bolt, Adhesive Anchored, 1 1/4 inch	7127050	48.000	Ea
2440	Beam Plate, Seal Perimeter	7130010	832.000	Ft
2445	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	12,137.000	Lb
2450	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	12,027.000	Lb
2455	Support, Diaphragm, Temp	7130081	24.000	Ea
2460	Steel Structure, Cleaning, Partial, Type 4 (B01 of 28013)	7150047	1.000	LSUM
2465	Steel Structure, Coating, Partial, Type 4 (B01 of 28013)	7150048	1.000	LSUM
2470	Field Repr of Damaged Coating (B01 of 28013)	7160001	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230303 012

Letting Date: March 3, 2023

Contract ID: 76000-212308

Description: Bridge reconstruction including removal and replacement on Austin Road over the Maple River, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212308A	23A0180	N/A	BFPO 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$124,000.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	4.000	Sta
0015	Guardrail, Rem	2040035	148.000	Ft
0020	Embankment, CIP	2050010	285.000	Cyd
0025	Excavation, Earth	2050016	292.000	Cyd
0030	Erosion Control, Silt Fence	2080036	700.000	Ft
0035	Subbase, CIP	3010002	156.000	Cyd
0040	_ Aggregate Base, 22 inch, Modified	3027011	297.000	Syd
0045	_ Aggregate Base, 6 inch, Modified	3027011	422.000	Syd
0050	Aggregate Surface Cse	3060005	178.000	Cyd
0055	_ Shld, CI II, 4 inch, Modified	3077011	53.000	Syd
0060	Road Grade Biaxial Geogrid	3082002	1,890.000	Syd
0065	Culv End Sect, Metal, 18 inch	4010096	2.000	Ea
0070	Culv, CI A, 18 inch	4010133	48.000	Ft
0075	HMA Approach	5010061	83.000	Ton
0080	Joint, Expansion, E3	6020208	32.000	Ft
0085	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	84.000	Ft
0090	_ Curb and Gutter, Bridge Approach, Det 6, Modified	8027001	69.000	Ft
0095	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0100	Guardrail Reflector	8070080	16.000	Ea
0105	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0110	Guardrail, Type MGS-8, 108 inch Post	8072180	25.000	Ft
0115	Sign, Type III, Rem	8100403	4.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Sign, Type B, Temp, Prismatic, Furn	8120350	45.000	Sft

0140	Sign, Type B, Temp, Prismatic, Oper	8120351	45.000	Sft
0145	_ Riprap, Plain, Modified	8137031	6.000	Ton
0150	Mulch Blanket, High Velocity	8160028	300.000	Syd
0155	_ Slope Restoration, Modified	8167011	540.000	Syd

Section: 2

0160	Structures, Rem	2040060	1.000	LSUM
0165	Backfill, Structure, CIP	2060002	125.000	Cyd
0170	Excavation, Fdn	2060010	469.000	Cyd
0175	Erosion Control, Turbidity Curtain, Deep	2080042	175.000	Ft
0180	Underdrain, Fdn, 4 inch	4040031	232.000	Ft
0185	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0190	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0195	Cofferdams	7040007	1.000	LSUM
0200	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0205	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	1,810.000	Ft
0210	Test Pile, CIP Conc, 14 inch	7050023	2.000	Ea
0215	Pile Point, CIP Conc	7050025	34.000	Ea
0220	Pile, Steel, Splice	7050050	34.000	Ea
0225	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0230	Bridge Ltg, Oper and Maintain	7060002	134.000	Cyd
0235	Expansion Joint Device	7060050	32.000	Ft
0240	False Decking	7060060	1,925.000	Sft
0245	Reinforcement, Steel, Epoxy Coated	7060092	34,965.000	Lb
0250	Substructure Conc	7060100	102.000	Cyd
0255	Superstructure Conc	7060110	11.000	Cyd
0260	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0265	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0270	Superstructure Conc, Night Casting	7060113	134.000	Cyd
0275	Conc, Grade 3500, Subfooting	7062000	147.000	Cyd
0280	_ Structure Name Plate	7067050	1.000	Ea
0285	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	378.000	Lb
0290	Steel Diaphragm, Prest Conc Beam, Erect	7070054	378.000	Lb
0295	_ Bearing, Elastomeric, 1 1/8 inch	7077008	3,150.000	Sin
0300	Prest Conc Box Beam, Furn, 21 inch	7080061	305.000	Ft
0305	Prest Conc Box Beam, Erect, 21 inch	7080062	305.000	Ft
0310	Joint Waterproofing	7100001	279.000	Sft
0315	Joint Waterproofing, Expansion	7100003	94.000	Sft
0320	_ Silane Treatment	7107010	1,704.000	Sft
0325	Bridge Barrier Railing, Type 6	7110011	122.000	Ft
0330	_ Riprap, Heavy, Modified	8137031	686.000	Ton



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 013

Letting Date: March 3, 2023

Contract ID: 08000-217962

Description: 338.03 mi of countywide edge and centerline pavement markings on various routes, Barry County.
This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217962A	23A0189	N/A	STL 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$28,200.00	1100001	1.000	LSUM
0010	_ Pavt Mrkg, Waterborne, 4 inch, White, Modified	2047001	3,517,416.000	Ft
0015	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Modified	2047001	2,395,433.000	Ft
0020	Minor Traf Devices	8120170	1.000	LSUM



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 014**Letting Date:** March 3, 2023**Contract ID:** 82000-207701

Description: Bridge rehabilitation including hot mix asphalt wearing surface, waterproof membrane and approach work on Arlington Drive over Blakely Drain in the city of Woodhaven, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207701A	23A0186	N/A	BO 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$9,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	60.000	Ft
0015	Pavt, Rem	2040050	115.000	Syd
0020	Sidewalk, Rem	2040055	18.000	Syd
0025	Aggregate Base, 4 inch	3020010	18.000	Syd
0030	Aggregate Base, 8 inch	3020020	115.000	Syd
0035	Conc Pavt, Bridge Approach, Reinf	6020600	115.000	Syd
0040	Reinforcement, Steel, Epoxy Coated	7060092	200.000	Lb
0045	Curb and Gutter, Bridge Approach, Det 5	8022016	60.000	Ft
0050	Detectable Warning Surface	8030010	12.000	Ft
0055	Curb Ramp Opening, Conc	8030030	12.000	Ft
0060	Curb Ramp, Conc, 4 inch	8032001	100.000	Sft
0065	Curb Ramp, Conc, 7 inch	8032003	65.000	Sft
0070	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	52.000	Ft
0075	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	26.000	Ft
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0090	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	232.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	232.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	8.000	Sft
0115	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	8.000	Sft
0120	Fertilizer, Chemical Nutrient, CI A	8160020	10.000	Lb
0125	Mulch Blanket	8160027	277.000	Syd
0130	Seeding, Mixture THM	8160039	13.000	Lb

0135	Topsoil Surface, Furn, 3 inch	8160061	277.000	Syd
------	-------------------------------	---------	---------	-----

Section: 2

0140	HMA Surface, Rem	5010005	165.000	Syd
0145	HMA, 13A	5010033	27.000	Ton
0150	HMA, 36A	5010034	14.000	Ton
0155	False Decking	7060060	500.000	Sft
0160	Membrane, Preformed Waterproofing	7100008	1,455.000	Sft
0165	Scarifying	7120001	165.000	Syd
0170	Hand Chipping, Shallow	7120003	17.000	Syd
0175	Hand Chipping, Deep	7120004	12.000	Syd
0180	Patch, Full Depth	7120010	2.000	Cyd
0185	Structural Crack, Repr	7120099	20.000	Ft
0190	Patching Conc, C-L	7120112	5.000	Cyd

Schedule of Pay Items

Report v1

Letting Call: 230303 015

Letting Date: March 3, 2023

Contract ID: 25000-207654

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps, signing and pavement markings on Bristol Road from Fenton Road to Saginaw Street, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207654A	23A0173	N/A	ST 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$130,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	565.000	Ft
0015	Sidewalk, Rem	2040055	185.000	Syd
0020	Excavation, Earth	2050016	1,000.000	Cyd
0025	_ Pavt, Rem, Modified	2057011	3,100.000	Syd
0030	_ Subgrade Undercutting, Type II, Modified	2057021	100.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	32.000	Ea
0040	Erosion Control, Silt Fence	2080036	200.000	Ft
0045	Subbase, CIP	3010002	110.000	Cyd
0050	_ Aggregate Base, LM, Modified	3067021	100.000	Cyd
0055	_ Maintenance Gravel, LM, Modified	3067021	200.000	Cyd
0060	Dr Structure Cover, Adj, Case 1	4030005	29.000	Ea
0065	Dr Structure Cover, Type K	4030050	29.000	Ea
0070	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0075	_ Structure Cover, Type B, Special	4037050	5.000	Ea
0080	_ Structure Cover, Type Q, Special	4037050	12.000	Ea
0085	Cold Milling HMA Surface	5010002	32,000.000	Syd
0090	Pavt Joint and Crack Repr, Det 7	5010020	50.000	Ft
0095	Pavt Joint and Crack Repr, Det 8	5010021	50.000	Ft
0100	Hand Patching	5010025	1,200.000	Ton
0105	HMA, 4EML	5012025	4,350.000	Ton
0110	HMA, 5EML	5012037	2,740.000	Ton
0115	Conc Base Cse, Nonreinf, 9 inch	6020021	300.000	Syd
0120	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0125	Pavt Repr, Nonreinf Conc, 9 inch	6030046	100.000	Syd
0130	Driveway, Nonreinf Conc, 8 inch	8010007	10.000	Syd
0135	Curb and Gutter, Conc, Det F4	8020038	180.000	Ft

0140	Driveway Opening, Conc, Det M	8020050	385.000	Ft
0145	Curb Ramp Opening, Conc	8030030	200.000	Ft
0150	Sidewalk, Conc, 6 inch	8030046	6,700.000	Sft
0155	Sidewalk, Conc, 8 inch	8030048	200.000	Sft
0160	Curb Ramp, Conc, 6 inch	8032002	1,800.000	Sft
0165	_ Detectable Warning Surface, Cast Iron	8037001	200.000	Ft
0170	Post, Mailbox	8070095	2.000	Ea
0175	Sign, Type III, Rem	8100403	46.000	Ea
0180	Sign, Type IIIA	8100404	20.000	Sft
0185	Sign, Type IIIB	8100405	200.000	Sft
0190	_ Post, Steel, 3 pound, Modified	8107001	535.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	250.000	Ft
0200	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0205	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	15.000	Ea
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,500.000	Ft
0215	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	14,100.000	Ft
0220	Pavt Mrkg, Waterborne, 6 inch, White	8110233	500.000	Ft
0225	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,500.000	Ft
0230	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	500.000	Ft
0235	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	10,500.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0255	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0260	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0265	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0270	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	6,000.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,000.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,000.000	Ft
0300	Sign Cover	8120310	6.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	40.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	40.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Pedestrian Ramp, Temp	8122251	10.000	Ea
0335	_ Turf Establishment, Performance	8167011	6,000.000	Syd
0340	Monument Preservation	8210010	2.000	Ea
0345	_ Audio-Video Construction Area Survey	8507051	1.000	LSUM



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 016**Letting Date:** March 3, 2023**Contract ID:** 50000-206708

Description: 0.06 mi of full depth concrete pavement repair, drainage structure adjustment and repair, sidewalk ramps and pavement markings on Welts Road from southbound Gratiot Avenue to northbound Gratiot Avenue in the city of Mt. Clemens, Macomb County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206708A	23A0159	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$26,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	650.000	Ft
0015	Sidewalk, Rem	2040055	80.000	Syd
0020	_ Brick Pavers, Rem	2047010	170.000	Sft
0025	_ Subgrade Undercutting, Type II, Modified	2057021	50.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0035	Project Cleanup	2090001	1.000	LSUM
0040	_ Aggregate Base, Modified	3027031	50.000	Ton
0045	Maintenance Gravel	3060020	20.000	Ton
0050	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0055	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0060	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0065	_ Dr Structure Cover, Catch Basin	4037050	5.000	Ea
0070	_ Dr Structure Cover, Sanitary Manhole	4037050	1.000	Ea
0075	_ Dr Structure Cover, Storm Manhole	4037050	3.000	Ea
0080	Pavt, Cleaning	5010001	1.000	LSUM
0085	Joint, Expansion, E2	6020207	60.000	Ft
0090	Joint, Plane-of-Weakness, W	6020211	550.000	Ft
0095	Joint, Plane-of-Weakness, W, Intersection	6020310	250.000	Ft
0100	Joint, Contraction, Crg	6030020	750.000	Ft
0105	Joint, Expansion, Erg	6030021	15.000	Ft
0110	Lane Tie, Epoxy Anchored	6030030	480.000	Ea
0115	Pavt Repr, Nonreinf Conc, 9 inch	6030046	1,500.000	Syd
0120	_ Pavt Repr, Rem, Modified	6037011	1,650.000	Syd
0125	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0130	Driveway, Nonreinf Conc, 8 inch	8010007	80.000	Syd

0135	_ Curb and Gutter, Conc, Det F2, Modified	8027001	650.000	Ft
0140	Detectable Warning Surface	8030010	20.000	Ft
0145	Curb Ramp Opening, Conc	8030030	20.000	Ft
0150	Sidewalk, Conc, 4 inch	8030044	730.000	Sft
0155	Curb Ramp, Conc, 4 inch	8032001	160.000	Sft
0160	_ Curb Ramp, Conc, 8 Inch	8037010	185.000	Sft
0165	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	1.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	250.000	Ft
0175	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	750.000	Ft
0180	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	250.000	Ft
0185	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	750.000	Ft
0190	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	3.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0225	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0230	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	270.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	270.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	15.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	15.000	Sft
0255	Slope Restoration, Non-Freeway, Type A	8162001	160.000	Syd
0260	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0265	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0270	Gate Box, Adj, Case 1	8230431	1.000	Ea
0275	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 017**Letting Date:** March 3, 2023**Contract ID:** 58000-213231

Description: 0.20 mi of hot mix asphalt reconstruction, concrete curb, gutter and ramps, storm sewer, signing and pavement markings on County Road from Dexter Road to US-23, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213231A	23A0175	N/A	STUL 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection	1027060	25,000.000	Dlr
0010	Mobilization, Max \$87,200.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	6.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	113.000	Ft
0025	Curb and Gutter, Rem	2040020	1,913.000	Ft
0030	Sidewalk, Rem	2040055	60.000	Syd
0035	Sidewalk, Rem 3	2040055	12.000	Syd
0040	_ Pavt, Rem, Modified	2047011	4,074.000	Syd
0045	_ Station Grading	2057002	10.000	Sta
0050	_ Subgrade Undercutting, Cut and Refill	2057021	75.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0060	_ Aggreagte Base, 10 inch, Modified	3027011	3,909.000	Syd
0065	_ Aggregate Base, 4 inch, Modified	3027011	75.000	Syd
0070	_ Aggregate Base, 6 inch, Modified	3027011	780.000	Syd
0075	_ Maintenance Gravel	3067031	150.000	Ton
0080	Sewer, Cl E, 12 inch, Tr Det B	4020600	91.000	Ft
0085	_ Dewatering System, Trench, Modified	4027001	20.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0095	Dr Structure Cover, Type B	4030010	3.000	Ea
0100	Dr Structure Cover, Type K	4030050	5.000	Ea
0105	Dr Structure, 24 inch dia	4030200	2.000	Ea
0110	Dr Structure, 48 inch dia	4030210	2.000	Ea
0115	Dr Structure, Adj, Add Depth	4030280	4.000	Ft
0120	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0125	_ Structure Cover, Adj, Case 1, Conc Collars	4037050	6.000	Ea
0130	Underdrain, Subgrade, 6 inch	4040073	2,010.000	Ft
0135	HMA, 3C	5010031	692.000	Ton

0140	HMA, 4EML	5012025	461.000	Ton
0145	_ Maintaining Water Sprinkler System	8007050	1.000	Ea
0150	Driveway, Nonreinf Conc, 6 inch	8010005	32.000	Syd
0155	Driveway, Nonreinf Conc, 8 inch	8010007	171.000	Syd
0160	Curb and Gutter, Conc, Det F4	8020038	1,780.000	Ft
0165	Driveway Opening, Conc, Det M	8020050	218.000	Ft
0170	Detectable Warning Surface	8030010	20.000	Ft
0175	Curb Ramp Opening, Conc	8030030	12.000	Ft
0180	Sidewalk, Conc, 4 inch	8030044	500.000	Sft
0185	Sidewalk, Conc, 8 inch	8030048	80.000	Sft
0190	Curb Ramp, Conc, 6 inch	8032002	248.000	Sft
0195	_ Mailbox, Temporary Relocate and Replace	8077050	3.000	Ea
0200	Post, Steel, 3 pound	8100371	28.000	Ft
0205	Sign, Type III, Rem	8100403	2.000	Ea
0210	Sign, Type IIIB	8100405	18.000	Sft
0215	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	2,120.000	Ft
0220	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	154.000	Ft
0225	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	144.000	Ft
0230	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0245	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	242.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	242.000	Sft
0270	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	60.000	Sft
0275	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	60.000	Sft
0280	_ Turf Establishment	8167011	1,750.000	Syd
0285	_ Exploratory Excavation, Vertical	8237001	20.000	Ft
0290	_ Repair Existing Sewer Service	8237001	40.000	Ft
0295	_ Water Main, 8 in, Tr Det G	8237001	986.000	Ft
0300	_ Water Main, PVC, 8 inch, w/Jack and Bore, 16 inch Casing	8237001	163.000	Ft
0305	_ Water Main, Rem	8237001	30.000	Ft
0310	_ Water Service, 1 in, Type K	8237001	223.000	Ft
0315	_ Connect to Existing Water Main	8237050	3.000	Ea
0320	_ Curb Stop and Box, 1 inch, Corp Stop and Connection	8237050	8.000	Ea
0325	_ Fire Hydrant Assembly	8237050	2.000	Ea
0330	_ Fire Hydrant, Rem	8237050	1.000	Ea
0335	_ Gate Valve and Box, 8 in	8237050	3.000	Ea
0340	_ Gate Valve, Rem	8237050	4.000	Ea
0345	_ Water Main, Cut and Plug, 8 in or less	8237050	3.000	Ea

0350	Sanitary Sewer, PVC, 8 inch, Tr Det B2	8252037	37.000	Ft
0355	Sanitary Structure, 48 inch dia	8252072	1.000	Ea
0360	Sanitary Structure, Tap, 8 inch	8252111	2.000	Ea
0365	Sanitary Structure, Adj, Add Depth	8252140	5.000	Ft
0370	_ Sanitary Sewer Service Repair, 6 in or less	8257001	50.000	Ft



1/25/2023 3:50 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 018**Letting Date:** March 3, 2023**Contract ID:** 63173-209677

Description: 15.04 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, asphalt stabilized crack relief, culvert replacement, sewer, steel sheet piling, install headwalls, wingwalls, spillway, and guardrail, bridge rehabilitation including epoxy overlay, concrete surface coating, superstructure repair, railing replacement, heat straightening and pavement markings on I-75 from M-15 to the north Oakland County line, Genesee and Oakland Counties. This project includes two 5 year materials and workmanship pavement warranties, 5 year thin epoxy bridge deck overlay performance warranty, a 2 year warranty on concrete surface coating, and a 2 year warranty on bridge coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209677A	N/A	N/A	M 63173
209904A	N/A	N/A	M 63172
210074A	23A0300	N/A	RBMP 63173

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	47,197.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$12,608,000.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0025	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	14.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	59.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	27.000	Ea
0045	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0050	Culv, End, Rem, Less than 24 inch	2030005	57.000	Ea
0055	Culv, End, Rem, 24 inch to 48 inch	2030006	36.000	Ea
0060	Dr Structure, Rem	2030011	19.000	Ea
0065	Sewer, Rem, Less than 24 inch	2030015	9,724.000	Ft
0070	Sewer, Rem, 24 inch to 48 inch	2030016	825.000	Ft
0075	Curb and Gutter, Rem	2040020	4,980.000	Ft
0080	Guardrail, Rem	2040035	93,832.000	Ft
0085	Masonry and Conc Structure, Rem	2040045	1,669.000	Cyd
0090	Pavt, Rem	2040050	64,202.000	Syd
0095	Exploratory Investigation, Vertical	2040080	1,000.000	Ft
0100	Ditch Cleanout	2050006	250.000	Sta
0105	Embankment, CIP	2050010	68,956.000	Cyd
0110	Excavation, Earth	2050016	300,139.000	Cyd

0115	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,000.000	Cyd
0120	Subgrade Undercutting, Type II	2050041	2,500.000	Cyd
0125	Flowable Fill, Non-Structural	2050148	87.000	Cyd
0130	_ Embankment CIP, Spec	2057021	119.000	Cyd
0135	Erosion Control, Check Dam, Stone	2080012	9,246.000	Ft
0140	Erosion Control, Inlet Protection, Fabric Drop	2080020	73.000	Ea
0145	Erosion Control, Inlet Protection, Sediment Trap	2080024	76.000	Ea
0150	Erosion Control, Maintenance, Sediment Rem	2080026	150.000	Cyd
0155	Erosion Control, Sediment Trap	2080034	586.000	Ea
0160	Erosion Control, Silt Fence	2080036	56,817.000	Ft
0165	Project Cleanup	2090001	1.000	LSUM
0170	Subbase, CIP	3010002	5,963.000	Cyd
0175	Aggregate Base	3020001	221.000	Ton
0180	Aggregate Base, 6 inch	3020016	105.000	Syd
0185	Aggregate Base, 8 inch	3020020	11,185.000	Syd
0190	Open-Graded Dr Cse, 16 inch	3030016	39,292.000	Syd
0195	Open-Graded Dr Cse, Shld	3030017	403,668.000	Ton
0200	_ Open-Graded Dr Cse, 20 inch	3037011	23,521.000	Syd
0205	Approach, CI II, 6 inch	3070028	156.000	Syd
0210	Shld, CI II	3070121	154.000	Ton
0215	Shld, CI II, LM	3070123	7.000	Cyd
0220	Shld, CI II, 7 inch	3070129	76,798.000	Syd
0225	_ Shld, CI II, 10 inch	3077011	3,148.000	Syd
0230	Geotextile, Separator	3080005	919,967.000	Syd
0235	Culv End Sect, 12 inch	4010012	17.000	Ea
0240	Culv End Sect, 24 inch	4010024	17.000	Ea
0245	Culv End Sect, 30 inch	4010030	9.000	Ea
0250	Culv End Sect, 36 inch	4010036	21.000	Ea
0255	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0260	Culv End Sect, Conc, 60 inch	4010057	2.000	Ea
0265	Culv End Sect, Conc, 72 inch	4010059	4.000	Ea
0270	Culv End Sect, Footing	4010072	142.000	Ea
0275	Culv End Sect, Metal, 42 inch	4010101	4.000	Ea
0280	Culv End Sect, Metal, 48 inch	4010102	2.000	Ea
0285	Culv End Sect, Metal, 54 inch	4010103	4.000	Ea
0290	Culv End Sect, Metal, 60 inch	4010104	2.000	Ea
0295	Culv End Sect, Metal, 66 inch	4010105	6.000	Ea
0300	Culv, CI A, 24 inch	4010134	253.000	Ft
0305	Culv, CI A, 30 inch	4010135	159.000	Ft
0310	Culv, CI A, 36 inch	4010136	323.000	Ft
0315	Culv, CI A, 48 inch	4010138	198.000	Ft
0320	Culv, CI A, 66 inch	4010141	94.000	Ft
0325	Culv, CI A, 72 inch	4010142	154.000	Ft
0330	Culv, CI A, Conc, 24 inch	4010168	192.000	Ft

0335	Culv, CI A, Conc, 36 inch	4010170	130.000	Ft
0340	Culv, CI A, Conc, 60 inch	4010174	224.000	Ft
0345	Culv, CI B, 36 inch	4010238	213.000	Ft
0350	Culv, CI B, 42 inch	4010239	221.000	Ft
0355	Culv, CI C, 30 inch	4010339	170.000	Ft
0360	Culv, CI C, 36 inch	4010340	154.000	Ft
0365	Culv, CI C, 72 inch	4010346	232.000	Ft
0370	Culv, CI E, 12 inch	4010539	56.000	Ft
0375	Culv, CI E, 24 inch	4010542	134.000	Ft
0380	Culv, CI E, 30 inch	4010543	40.000	Ft
0385	Culv, CI E, 48 inch	4010546	62.000	Ft
0390	Culv, Downspout, 12 inch	4010795	1,477.000	Ft
0395	Culv, Reinf Conc Ellip, HE CI II, 53 inch by 83 inch	4010864	208.000	Ft
0400	Culv, Reinf Conc Ellip, HE CI IV, 63 inch by 98 inch	4010910	106.000	Ft
0405	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	31.000	Ea
0410	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	20.000	Ea
0415	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	3.000	Ea
0420	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	49.000	Ea
0425	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	2.000	Ea
0430	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	1.000	Ea
0435	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 22 inch by 34 inch, Transv	4011054	3.000	Ea
0440	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Transv	4011056	4.000	Ea
0445	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 22 inch by 34 inch, Longit	4011083	5.000	Ea
0450	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 24 inch by 38 inch, Longit	4011085	3.000	Ea
0455	Dr Marker Post	4011109	1,776.000	Ea
0460	Culv, Outlet Headwall, 12 inch	4012000	39.000	Ea
0465	_ Culv Cleanout	4017001	6,000.000	Ft
0470	_ Culv, CI A, CSP, 30 inch, Polymer Coated	4017001	108.000	Ft
0475	_ Culv, CI A, CSP, 36 inch, Polymer Coated	4017001	352.000	Ft
0480	_ Culv, CI A, CSP, 54 inch, Polymer Coated	4017001	124.000	Ft
0485	_ Culv, CI A, CSP, 66 inch, Polymer Coated	4017001	296.000	Ft
0490	_ Culv, CI B, CSP, 42 inch, Polymer Coated	4017001	252.000	Ft
0495	_ Culv, CI B, CSP, 54 inch, Polymer Coated	4017001	123.000	Ft
0500	_ Culv, Reinf Conc Ellip, HE CI IV, 58 inch by 91 inch	4017001	177.000	Ft
0505	_ Steel Casing Pipe, 48 inch, Jacked in Place	4017001	160.000	Ft
0510	_ Culv End Sect, Conc, Ellip Pipe, 53 inch x 83 inch	4017050	2.000	Ea
0515	_ Culv End Sect, Conc, Ellip Pipe, 58 inch x 91 inch	4017050	4.000	Ea
0520	_ Culv End Sect, Conc, Ellip Pipe, 63 inch x 98 inch	4017050	2.000	Ea
0525	_ Stoplog Structure	4017050	2.000	Ea
0530	Sewer, CI A, 24 inch, Tr Det A	4020007	1,066.000	Ft
0535	Sewer, CI A, 30 inch, Tr Det A	4020008	16.000	Ft
0540	Sewer, CI A, 36 inch, Tr Det A	4020009	114.000	Ft

0545	Sewer, CI A, 60 inch, Tr Det A	4020013	92.000	Ft
0550	Sewer, CI A, 12 inch, Tr Det B	4020033	574.000	Ft
0555	Sewer, CI A, 24 inch, Tr Det B	4020036	1,206.000	Ft
0560	Sewer, CI A, 30 inch, Tr Det B	4020037	1,216.000	Ft
0565	Sewer, CI A, 36 inch, Tr Det B	4020038	409.000	Ft
0570	Sewer, CI A, 60 inch, Tr Det B	4020042	200.000	Ft
0575	Sewer, CI B, 30 inch, Tr Det B	4020187	167.000	Ft
0580	Sewer, CI B, 36 inch, Tr Det B	4020188	56.000	Ft
0585	Sewer, CI C, 24 inch, Tr Det B	4020336	271.000	Ft
0590	Sewer, CI C, 30 inch, Tr Det B	4020337	174.000	Ft
0595	Sewer, CI E, 24 inch, Tr Det B	4020603	1,422.000	Ft
0600	Sewer, CI E, 30 inch, Tr Det B	4020604	359.000	Ft
0605	Sewer, CI E, 36 inch, Tr Det B	4020605	177.000	Ft
0610	Sewer Tap, 18 inch	4021206	2.000	Ea
0615	Sewer Tap, 24 inch	4021207	1.000	Ea
0620	Sewer Tap, 30 inch	4021208	1.000	Ea
0625	Sewer Tap, 36 inch	4021209	3.000	Ea
0630	Video Taping Sewer and Culv Pipe	4021275	26,947.000	Ft
0635	Sewer, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch, Tr Det A	4021282	103.000	Ft
0640	Sewer, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch, Tr Det A	4021283	48.000	Ft
0645	Sewer, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch, Tr Det B	4021302	80.000	Ft
0650	Sewer, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch, Tr Det B	4021303	162.000	Ft
0655	Sewer, Reinf Conc Ellip, HE CI II, 24 inch by 38 inch, Tr Det B	4021383	75.000	Ft
0660	Sewer, Reinf Conc Ellip, HE CI IV, 22 inch by 34 inch, Tr Det B	4021452	76.000	Ft
0665	Sewer, Reinf Conc Ellip, HE CI IV, 24 inch by 38 inch, Tr Det B	4021453	78.000	Ft
0670	_ Slotted Drain, Galv, 12 inch	4027001	8,582.000	Ft
0675	Dr Structure Cover, Adj, Case 1, Modified	4030004	4.000	Ea
0680	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0685	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0690	Dr Structure Cover, Type B	4030010	74.000	Ea
0695	Dr Structure Cover, Type C	4030015	22.000	Ea
0700	Dr Structure Cover, Type D	4030025	30.000	Ea
0705	Dr Structure Cover, Type G	4030040	3.000	Ea
0710	Dr Structure, 24 inch dia	4030200	1.000	Ea
0715	Dr Structure, 48 inch dia	4030210	28.000	Ea
0720	Dr Structure, 60 inch dia	4030220	41.000	Ea
0725	Dr Structure, 72 inch dia	4030230	23.000	Ea
0730	Dr Structure, 84 inch dia	4030231	6.000	Ea
0735	Dr Structure, 96 inch dia	4030234	2.000	Ea
0740	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	4.000	Ft

0745	Dr Structure, 120 inch dia	4030242	2.000	Ea
0750	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	7.000	Ft
0755	Dr Structure, Add Depth of 120 inch dia, more than 15 foot	4030244	3.000	Ft
0760	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	1.000	Ft
0765	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	35.000	Ft
0770	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	20.000	Ft
0775	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	19.000	Ft
0780	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	3.000	Ft
0785	Dr Structure, Adj, Add Depth	4030280	8.000	Ft
0790	Dr Structure, Tap, 6 inch	4030306	12.000	Ea
0795	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0800	_ Dr Structure Cover, Type B, Modified	4037050	7.000	Ea
0805	Underdrain, Pipe, Open-Graded, 6 inch	4040043	9,287.000	Ft
0810	Underdrain Outlet, 6 inch	4040093	10,722.000	Ft
0815	Underdrain, Outlet Ending, 6 inch	4040113	537.000	Ea
0820	Video Inspection of Underdrain	4040200	316,241.000	Ft
0825	_ Underdrain, Pipe, Open-Graded, 6 inch, Modified	4047001	306,954.000	Ft
0830	Pavt, Cleaning	5010001	1.000	LSUM
0835	Cold Milling HMA Surface	5010002	812,885.000	Syd
0840	Bump Grinding	5010004	625.000	Syd
0845	HMA Surface, Rem	5010005	385,913.000	Syd
0850	HMA Quality Initiative	5010007	869,788.000	Dlr
0855	Longit Joint Density Quality Initiative	5010018	825,956.000	Dlr
0860	Pavt Joint and Crack Repr, Det 7	5010020	100,223.000	Ft
0865	Hand Patching	5010025	7,492.000	Ton
0870	HMA Approach	5010061	18,378.000	Ton
0875	HMA, 3EL	5012012	595.000	Ton
0880	HMA, 3EMH	5012014	13,865.000	Ton
0885	HMA, 4EMH	5012026	120,731.000	Ton
0890	HMA, 5EL	5012036	2,249.000	Ton
0895	HMA, 5EMH	5012038	170,095.000	Ton
0900	HMA, Temp Pavt (3EML)	5012101	4,466.000	Ton
0905	HMA, Temp Pavt (4EML)	5012103	13,782.000	Ton
0910	_ Asphalt Stabilized Crack Relief Layer	5017031	125,588.000	Ton
0915	_ Ride Incentive	5017060	313,192.000	Dlr
0920	Conc Base Cse, Nonreinf, 9 inch	6020021	11,394.000	Syd
0925	Joint, Contraction, Cp	6020200	8,033.000	Ft
0930	Joint, Expansion, E3	6020208	398.000	Ft
0935	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	16,596.000	Syd
0940	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	1,700.000	Syd

0945	Cement	6030005	357.000	Ton
0950	Cold Milling Conc Pavt	6030014	9,029.000	Syd
0955	Joint, Contraction, Crg	6030020	43,800.000	Ft
0960	Joint, Expansion, Erg	6030021	2,000.000	Ft
0965	Lane Tie, Epoxy Anchored	6030030	10,668.000	Ea
0970	Non-Chloride Accelerator	6030035	13,821.000	Gal
0975	Pavt Repr, Nonreinf Conc, 10 inch	6030048	24,036.000	Syd
0980	Pavt Repr, Rem	6030080	22,660.000	Syd
0985	Saw Cut, Intermediate	6030090	24,036.000	Ft
0990	Steel Sheet Piling, Permanent	7040001	1,840.000	Sft
0995	Steel Sheet Piling, Temp, Left in Place	7040003	3,370.000	Sft
1000	Reinforcement, Steel, Culv and Headwall	7060091	200.000	Lb
1005	Conc, Grade 3500	7062001	4.000	Cyd
1010	Curb and Gutter, Conc, Det B2	8020016	255.000	Ft
1015	Curb and Gutter, Conc, Det D2	8020031	14,824.000	Ft
1020	Shld Gutter, Conc, Det 2	8020056	13.000	Ea
1025	Downspout Header, Conc	8020070	22.000	Ea
1030	Spillway, Conc	8020075	162.000	Ft
1035	Curb and Gutter, Bridge Approach, Det 5	8022016	51.000	Ft
1040	Curb and Gutter, Bridge Approach, Det 7	8022018	89.000	Ft
1045	Curb and Gutter, Bridge Approach, Det 4A	8022021	918.000	Ft
1050	Guardrail Approach Terminal, Type 3B	8070038	2.000	Ea
1055	Guardrail Approach Terminal, Type 3T	8070039	14.000	Ea
1060	Guardrail Approach Terminal, Type 2M	8070044	82.000	Ea
1065	Guardrail Approach Terminal, Type 2M, Temp	8070049	19.000	Ea
1070	Guardrail Departing Terminal, Type MGS	8070052	57.000	Ea
1075	Guardrail Reflector	8070080	831.000	Ea
1080	Post, Wood Guard	8070085	3.000	Ea
1085	Post, Wood Guide	8070090	10.000	Ea
1090	Guardrail, Reconst, Type B	8070105	1,070.000	Ft
1095	Guardrail, Reconst, Type T	8070109	52.000	Ft
1100	Guardrail, Reconst, Type TD	8070110	2,645.000	Ft
1105	Guardrail Anch, Bridge, Det M1	8070130	16.000	Ea
1110	Guardrail Anch, Bridge, Det M7	8070136	30.000	Ea
1115	Cable Barrier, High Tension	8070198	61,154.000	Ft
1120	Cable Barrier Terminal, High Tension	8070199	54.000	Ea
1125	Cable, 1000 ft Spool	8070250	4.000	Ea
1130	Cable Barrier, Intermediate Line Post	8070251	1,800.000	Ea
1135	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	1,800.000	Ea
1140	Cable Barrier, Modified Line Post and Hardware	8070253	8.000	Ea
1145	Cable Barrier, Socket, Conc Fdn	8070254	50.000	Ea
1150	Cable Barrier, Driven Socket	8070255	50.000	Ea
1155	Cable Barrier, Turnbuckle	8070256	60.000	Ea
1160	Cable Barrier, Reflector	8070257	800.000	Ea
1165	Cable Barrier, Excluder Cap	8070258	1,800.000	Ea

1170	Cable Barrier, Wedge Lock Fitting	8070259	28.000	Ea
1175	Cable Barrier, Cable Splice Kit	8070260	60.000	Ea
1180	Cable Barrier Terminal, Materials	8070261	16.000	Ea
1185	Cable Barrier, High Tension, Repr Labor	8070262	50,000.000	Dlr
1190	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	2,191.000	Ft
1195	Guardrail, Reconst, Type MGS-8	8072078	120.000	Ft
1200	Guardrail Anch, Bridge, Det M7, Temp	8072090	3.000	Ea
1205	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	125.000	Ft
1210	Guardrail, Curved, Type B-CRT	8072154	166.000	Ft
1215	Guardrail, Type B, 72 inch Post	8072171	13.000	Ft
1220	Guardrail, Type MGS-8, 72 inch Post	8072179	18,645.000	Ft
1225	Guardrail, Type MGS-8, 108 inch Post	8072180	18,733.000	Ft
1230	Guardrail, Type MGS-8D, 72 inch Post	8072181	507.000	Ft
1235	_ Hand Digging Guardrail Post	8077050	25.000	Ea
1240	Bridge Sign Connection, Bolt Replacement	8100020	4.000	Ea
1245	Bridge Sign Connection, Conc, Type A1	8100031	11.000	Ea
1250	Bridge Sign Connection, Conc, Type C	8100033	1.000	Ea
1255	Bridge Sign Connection, Steel, Type A1	8100060	18.000	Ea
1260	Bridge Sign Connection, Steel, Type E	8100064	1.000	Ea
1265	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
1270	Bridge Sign Connection, Type A, Rem	8100080	29.000	Ea
1275	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
1280	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
1285	Cantilever, Rem	8100090	1.000	Ea
1290	Cantilever, Type E	8100104	1.000	Ea
1295	Column, Breakaway, W8 x 13	8100120	44.000	Ea
1300	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1305	Delineator Reflector, Red	8100131	526.000	Ea
1310	Delineator Reflector, Yellow	8100132	284.000	Ea
1315	Delineator Reflector, Green	8100133	346.000	Ea
1320	Delineator Reflector, White	8100134	2,159.000	Ea
1325	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	126.000	Ea
1330	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	418.000	Ea
1335	Fdn, Breakaway, W8 x 13	8100160	44.000	Ea
1340	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1345	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	28.000	Ft
1350	Fdn, Cantilever, Rem	8100190	1.000	Ea
1355	Fdn, Column Breakaway, Rem	8100220	36.000	Ea
1360	Fdn, Wood Support, Rem	8100280	159.000	Ea
1365	Installing MDOT Supplied Sign, Type I	8100300	1.000	Ea
1370	Installing MDOT Supplied Sign, Type III	8100302	18.000	Ea
1375	Perforated Steel Square Tube Breakaway System	8100330	70.000	Ea
1380	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	39.000	Ea

1385	Delineator, Rem	8100349	1,592.000	Ea
1390	Post, Flexible, Delineator	8100360	483.000	Ea
1395	Post, Rigid, Delineator	8100361	3,042.000	Ea
1400	Post, Steel, 3 pound	8100371	5,103.000	Ft
1405	Post, Wood, 4 inch by 6 inch	8100380	1,875.000	Ft
1410	Post, Wood, 6 inch by 8 inch	8100382	586.000	Ft
1415	Sign, Type I, Rem	8100391	45.000	Ea
1420	Sign, Type IA	8100392	2,996.000	Sft
1425	Sign, Type IB	8100393	338.000	Sft
1430	Sign, Type II, Rem	8100397	153.000	Ea
1435	Sign, Type IIA	8100398	1,466.000	Sft
1440	Sign, Type IIB	8100399	570.000	Sft
1445	Sign, Type III, Rem	8100403	330.000	Ea
1450	Sign, Type IIIA	8100404	1,309.000	Sft
1455	Sign, Type IIIB	8100405	828.000	Sft
1460	Sign, Type V, Rem	8100421	11.000	Ea
1465	Sign, Type VA	8100424	99.000	Sft
1470	Sign, Type VB	8100425	424.000	Sft
1475	Reflective Panel for Permanent Sign Support, 3 foot	8100613	82.000	Ea
1480	Reflective Panel for Permanent Sign Support, 6 foot	8100616	114.000	Ea
1485	Ground Mtd Sign Support, Rem	8102010	588.000	Ea
1490	_ Hand Digging Sign Post	8107050	10.000	Ea
1495	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	16,362.000	Ft
1500	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	13.000	Ft
1505	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	7.000	Ea
1510	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	5.000	Ea
1515	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	3.000	Ea
1520	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
1525	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	880.000	Ft
1530	Pavt Mrkg, Polyurea, 6 inch, White	8110094	217,708.000	Ft
1535	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	211,102.000	Ft
1540	Pavt Mrkg, Polyurea, 12 inch, White	8110111	14,402.000	Ft
1545	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	215.000	Ft
1550	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	16.000	Ea
1555	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	2,668.000	Ft
1560	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	15,784.000	Ft
1565	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Yellow	8110295	4,110.000	Ft
1570	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	500.000	Ft
1575	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	8,290.000	Ft
1580	Recessing Pavt Mrkg, Longit	8110450	530,568.000	Ft
1585	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	26.000	Ft
1590	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning	8110563	113.000	Ft

	Guide Line, Yellow			
1595	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	78,709.000	Ft
1600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	318.000	Ea
1605	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	318.000	Ea
1610	Conc Barrier Ending, Temp, Det 2, Furn	8120041	5.000	Ea
1615	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
1620	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	3.000	Ea
1625	Conc Barrier, Temp, Adj	8120080	28,380.000	Ft
1630	Conc Barrier, Temp, Furn	8120081	125,730.000	Ft
1635	Conc Barrier, Temp, Oper	8120082	125,730.000	Ft
1640	Conc Barrier, Temp, Relocated	8120083	123,080.000	Ft
1645	Delineator, Flexible, Temp, Furn	8120091	1,584.000	Ea
1650	Delineator, Flexible, Temp, Oper	8120092	1,584.000	Ea
1655	Glare Screen, Temp	8120094	19,000.000	Ft
1660	Glare Screen, Temp, Relocated	8120095	19,000.000	Ft
1665	Glare Screen, Temp, Complete Sect, Replaced	8120096	75.000	Ea
1670	High Intensity Light, Type B, Furn	8120110	14.000	Ea
1675	High Intensity Light, Type B, Oper	8120111	14.000	Ea
1680	Lighted Arrow, Type C, Furn	8120140	7.000	Ea
1685	Lighted Arrow, Type C, Oper	8120141	7.000	Ea
1690	Minor Traf Devices	8120170	1.000	LSUM
1695	Mobile Attenuator	8120180	2.000	Ea
1700	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	557,492.000	Ft
1705	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	5,940.000	Ft
1710	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	486,020.000	Ft
1715	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	3,500.000	Ft
1720	Plastic Drum, Fluorescent, Furn	8120252	670.000	Ea
1725	Plastic Drum, Fluorescent, Oper	8120253	670.000	Ea
1730	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	104.000	Ft
1735	PTS System, Temp, Furn	8120270	2.000	Ea
1740	PTS System, Temp, Oper	8120271	2.000	Ea
1745	Sign Cover	8120310	750.000	Ea
1750	Sign Cover, Type I	8120320	78.000	Ea
1755	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	16.000	Ea
1760	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	16.000	Ea
1765	Sign, Type A, Temp, Prismatic, Furn	8120340	1,251.000	Sft
1770	Sign, Type A, Temp, Prismatic, Oper	8120341	1,251.000	Sft
1775	Sign, Type B, Temp, Prismatic, Furn	8120350	6,195.000	Sft
1780	Sign, Type B, Temp, Prismatic, Oper	8120351	6,195.000	Sft
1785	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,005.000	Sft
1790	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,005.000	Sft

1795	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	564,170.000	Ft
1800	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	476,410.000	Ft
1805	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	938,160.000	Ft
1810	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	476,970.000	Ft
1815	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	13,200.000	Ft
1820	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	5,940.000	Ft
1825	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,944.000	Ft
1830	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
1835	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
1840	_ Barrier Gate, Temp Relocated	8127050	4.000	Ea
1845	_ Barrier Gate, Temp, Furn	8127050	4.000	Ea
1850	_ Barrier Gate, Temp, Open/Close	8127050	20.000	Ea
1855	_ Barrier Gate, Temp, Oper	8127050	4.000	Ea
1860	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
1865	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
1870	Riprap, Plain	8130010	4,575.000	Syd
1875	_ Ditch Liner, 10 foot Width	8137011	820.000	Syd
1880	_ Aggregate, 4AA	8137021	25.000	Cyd
1885	_ Riprap, Fieldstone	8137031	205.000	Ton
1890	Site Preparation, Max \$6200.00	8150001	1.000	LSUM
1895	Watering and Cultivating, First Season, Min \$3000.00	8150002	1.000	LSUM
1900	Watering and Cultivating, 2nd Season, Min \$3700.00	8150003	1.000	LSUM
1905	Acer x freemanii 'Autumn Blaze', 2 inch	8150222	10.000	Ea
1910	Betula nigra 'Heritage', tree form, 2 inch	8150533	10.000	Ea
1915	Gymnocladus dioicus, 2 inch	8151676	10.000	Ea
1920	Picea abies, 4 foot	8152740	10.000	Ea
1925	Quercus rubra, 2 inch	8153126	10.000	Ea
1930	Seeding, Mixture TUF	8160042	3.000	Lb
1935	Slope Restoration, Freeway, Type A	8162013	285,629.000	Syd
1940	Slope Restoration, Freeway, Type E	8162017	393,555.000	Syd
1945	Light Std Arm, Install	8190275	2.000	Ea
1950	Light Std Arm, Rem and Salv	8190278	2.000	Ea
1955	Light Std Fdn	8190279	2.000	Ea
1960	Light Std Fdn, Rem	8190280	2.000	Ea
1965	Light Std Shaft, Install	8190300	2.000	Ea
1970	Light Std Shaft, Rem and Salv	8190306	2.000	Ea
1975	Luminaire, Install Salv	8190350	2.000	Ea
1980	Luminaire, Rem and Salv	8190365	2.000	Ea
1985	Freeway Shld Corrugations, Milled, HMA	8222001	313,722.000	Ft

1990	Contractor Staking	8240001	1.000	LSUM
1995	Staking Plan Errors and Extras, Max \$180/hour	8240002	1,336.000	Hr

Section: 2

2000	Excavation, Channel	2050015	170.000	Cyd
2005	Backfill, Structure, CIP	2060002	307.000	Cyd
2010	Excavation, Fdn	2060010	231.000	Cyd
2015	Erosion Control, Sand Bag	2080028	720.000	Ea
2020	Erosion Control, Turbidity Curtain, Shallow	2080044	60.000	Ft
2025	HMA Patch, Rem	5010006	19.000	Syd
2030	Resealing Longit Joints with Hot-Poured Rubber	6030101	237.000	Ft
2035	Bridge Ltg, Furn and Rem (S10 of 63173)	7060001	1.000	LSUM
2040	Bridge Ltg, Furn and Rem (S01 of 63173)	7060001	1.000	LSUM
2045	Bridge Ltg, Furn and Rem (S03 of 63173)	7060001	1.000	LSUM
2050	Bridge Ltg, Furn and Rem (S04 of 63173)	7060001	1.000	LSUM
2055	Bridge Ltg, Furn and Rem (S05 of 63173)	7060001	1.000	LSUM
2060	Bridge Ltg, Oper and Maintain	7060002	984.000	Cyd
2065	Expansion Joint Device	7060050	930.000	Ft
2070	False Decking	7060060	46,461.000	Sft
2075	Reinforcement, Steel, Epoxy Coated	7060092	251,360.000	Lb
2080	Substructure Conc, High Performance	7060101	2.000	Cyd
2085	Superstructure Conc, Form, Finish, and Cure (S09 of 63173)	7060111	1.000	LSUM
2090	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10 of 63173)	7060112	1.000	LSUM
2095	Superstructure Conc, Form, Finish, and Cure, Night Casting (S03 of 63173)	7060112	1.000	LSUM
2100	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 63173)	7060112	1.000	LSUM
2105	Superstructure Conc, Form, Finish, and Cure, Night Casting (S05 of 63173)	7060112	1.000	LSUM
2110	Superstructure Conc, High Performance	7060116	10.000	Cyd
2115	Superstructure Conc, Night Casting, High Performance	7060117	869.000	Cyd
2120	Sealing Localized Cracks (S03 of 63173)	7060220	1.000	LSUM
2125	Conc, Grade 4500HP	7062004	72.000	Cyd
2130	_ Sawed Joint Sealer	7067001	829.000	Ft
2135	_ Fiber Reinf Polymer System for Conc Flexural Strength	7067010	63.000	Sft
2140	_ Sealing Localized Cracks (S01 of 63173)	7067051	1.000	LSUM
2145	_ Sealing Localized Cracks (S09 of 63173)	7067051	1.000	LSUM
2150	Metal Mesh Panels	7070120	25,955.000	Sft
2155	Joint Waterproofing	7100001	511.000	Sft
2160	Conc Surface Coating, Warranty (S01 of 63173)	7100009	1.000	LSUM
2165	Conc Surface Coating, Warranty (S03 of 63173)	7100009	1.000	LSUM
2170	Conc Surface Coating, Warranty (S04 of 63173)	7100009	1.000	LSUM
2175	Conc Surface Coating, Warranty (S05 of 63173)	7100009	1.000	LSUM
2180	Conc Surface Coating, Warranty (S06 of 63173)	7100009	1.000	LSUM

2185	Substructure Horizontal Surface Sealer (S10 of 63173)	7100030	79.000	Syd
2190	Substructure Horizontal Surface Sealer (S01 of 63173)	7100030	39.000	Syd
2195	Substructure Horizontal Surface Sealer (S04 of 63173)	7100030	49.000	Syd
2200	Substructure Horizontal Surface Sealer (S05 of 63173)	7100030	58.000	Syd
2205	Substructure Horizontal Surface Sealer (S06 of 63173)	7100030	81.000	Syd
2210	Substructure Horizontal Surface Sealer (S08 of 63173)	7100030	21.000	Syd
2215	Substructure Horizontal Surface Sealer (S09 of 63173)	7100030	21.000	Syd
2220	_ Silane Treatment	7107010	18,009.000	Sft
2225	Reflective Marker, Permanent Barrier	7110003	70.000	Ea
2230	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	1,154.000	Ft
2235	Bridge Barrier Railing, Type 6, High Performance	7110017	996.000	Ft
2240	Scarifying	7120001	585.000	Syd
2245	Hand Chipping, Shallow	7120003	286.000	Syd
2250	Hand Chipping, Deep	7120004	135.000	Syd
2255	Hand Chipping, Other Than Deck	7120007	855.000	Cft
2260	Patch, Full Depth	7120010	32.000	Cyd
2265	Patch, Forming	7120017	2,675.000	Sft
2270	Epoxy Ovly, Warranty	7120022	8,997.000	Syd
2275	Conc, Bridge Deck Ovly	7120023	150.000	Cyd
2280	Bridge Deck Surface Construction	7120025	1,820.000	Syd
2285	Conc, Silica Fume Modified	7120027	1.000	Cyd
2290	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	48.000	Ea
2295	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	8.000	Ea
2300	Structures, Rehabilitation, Rem Portions (S08 of 63173)	7120070	1.000	LSUM
2305	Structures, Rehabilitation, Rem Portions (S09 of 63173)	7120070	1.000	LSUM
2310	Deck Joint, Rem	7120071	615.000	Ft
2315	Latex Conc Surface, Rem	7120072	1,236.000	Syd
2320	Hydrodemolition, First Pass	7120076	1,820.000	Syd
2325	Hydrodemolition, 2nd Pass	7120077	142.000	Syd
2330	Top Flanges and Beam Ends, Clean and Coat	7120100	746.000	Syd
2335	Patching Conc, C-L	7120112	73.000	Cyd
2340	Embedded Galvanic Anode	7120120	3,593.000	Ea
2345	Hand Chipping, Full Depth	7122000	784.000	Cft
2350	Bridge Joint, Strip Seal Gland Replacement	7122005	142.000	Ft
2355	_ Bridge Joints, Clean and Seal	7127001	1,166.000	Ft
2360	_ Deck, Scaling	7127010	39.000	Sft
2365	_ Fiber Reinf Polymer System for Prest Conc Beam Repr	7127010	497.000	Sft
2370	_ Hand Chipping, Spec	7127010	478.000	Sft
2375	_ Latex Modified Conc, Spec	7127021	17.000	Cyd
2380	_ Shear Developer, Rem	7127050	2,578.000	Ea
2385	_ Shear Developer, Spec	7127050	14,296.000	Ea
2390	_ Shear Developer Investigation (S03 of 63173)	7127051	1.000	LSUM

2395	_ Shear Developer Investigation (S10 of 63173)	7127051	1.000	LSUM
2400	_ Structures, Rehabilitation, Rem Portions (S03 of 63173), Modified	7127051	1.000	LSUM
2405	_ Structures, Rehabilitation, Rem Portions (S04 of 63173), Modified	7127051	1.000	LSUM
2410	_ Structures, Rehabilitation, Rem Portions (S05 of 63173), Modified	7127051	1.000	LSUM
2415	_ Structures, Rehabilitation, Rem Portions (S10 of 63173), Modified	7127051	1.000	LSUM
2420	Beam Plate, Seal Perimeter	7130010	8,322.000	Ft
2425	Rocker, Realign	7130050	1.000	Ea
2430	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,236.000	Lb
2435	Support, Column, Temp	7130080	48.000	Ea
2440	_ Pack Rust Repr (S07 of 63173)	7137001	25.000	Ft
2445	Protective Shield, Utility Pipe	7150025	589.000	Ft
2450	Steel Structure, Cleaning, Type 4 (S04 of 63173)	7150045	1.000	LSUM
2455	Steel Structure, Cleaning, Type 4 (S05 of 63173)	7150045	1.000	LSUM
2460	Steel Structure, Coating, Type 4 (S04 of 63173)	7150046	1.000	LSUM
2465	Steel Structure, Coating, Type 4 (S05 of 63173)	7150046	1.000	LSUM
2470	Steel Structure, Cleaning, Partial, Type 4 (S01 of 63173)	7150047	1.000	LSUM
2475	Steel Structure, Cleaning, Partial, Type 4 (S03 of 63173)	7150047	1.000	LSUM
2480	Steel Structure, Cleaning, Partial, Type 4 (S06 of 63173)	7150047	1.000	LSUM
2485	Steel Structure, Cleaning, Partial, Type 4 (S07 of 63173)	7150047	1.000	LSUM
2490	Steel Structure, Coating, Partial, Type 4 (S01 of 63173)	7150048	1.000	LSUM
2495	Steel Structure, Coating, Partial, Type 4 (S03 of 63173)	7150048	1.000	LSUM
2500	Steel Structure, Coating, Partial, Type 4 (S06 of 63173)	7150048	1.000	LSUM
2505	Steel Structure, Coating, Partial, Type 4 (S07 of 63173)	7150048	1.000	LSUM
2510	_ Clean and Coat Steel Bearing	7157050	110.000	Ea
2515	Field Repr of Damaged Coating (S01 of 63173)	7160001	1.000	LSUM
2520	Field Repr of Damaged Coating (S03 of 63173)	7160001	1.000	LSUM
2525	Field Repr of Damaged Coating (S04 of 63173)	7160001	1.000	LSUM
2530	_ Salvaging Temp Barrier (S10 of 63173)	8127051	1.000	LSUM
2535	Slope Paving Header	8130015	180.000	Ft
2540	Slope Paving, Conc	8130020	471.000	Syd
2545	_ Structure Survey During Construction, Spec (S03 of 63173)	8247051	1.000	LSUM
2550	_ Structure Survey During Construction, Spec (S05 of 63173)	8247051	1.000	LSUM
2555	_ Structure Survey During Construction, Spec (S10 of 63173)	8247051	1.000	LSUM
2560	_ Structure Survey During Constuction, Spec (S04 of 63173)	8247051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230303 019

Letting Date: March 3, 2023

Contract ID: 23000-208364

Description: 0.55 mi of hot mix asphalt base crushing, shaping and resurfacing, culvert replacements, gravel shoulders and pavement markings on Five Point Highway from Whittum Road to the west city limits of Eaton Rapids. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208364A	23A0177	N/A	STUL 23000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	12.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	3.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	35.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0030	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0035	Pavt, Rem	2040050	20.000	Syd
0040	_ Post and Chain Fence, Rem and Salv	2047001	175.000	Ft
0045	_ Roadway Earthwork	2057002	28.000	Sta
0050	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0055	Project Cleanup	2090001	1.000	LSUM
0060	Subbase, LM	3010003	1,200.000	Cyd
0065	Aggregate Base	3020001	1,400.000	Ton
0070	_ HMA Base Crushing and Shaping, Modified	3057011	10,500.000	Syd
0075	_ Approach, Special	3077031	2.000	Ton
0080	Culv End Sect, Metal, 12 inch	4010094	16.000	Ea
0085	Culv, CI F, 12 inch	4010607	300.000	Ft
0090	Underdrain, Subbase, 6 inch	4040063	2,000.000	Ft
0095	Underdrain Outlet, 6 inch	4040093	16.000	Ft
0100	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0105	HMA, 4EL	5012024	1,300.000	Ton
0110	HMA, 5EL	5012036	1,100.000	Ton
0115	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0120	Curb and Gutter, Conc, Det B2	8020016	80.000	Ft
0125	Post, Mailbox	8070095	15.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,200.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,500.000	Ft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0175	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0180	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0195	_ Calcium Chloride Solution, 38%	8127031	55.000	Ton
0200	Slope Restoration, Non-Freeway, Type A	8162001	2,000.000	Syd
0205	Slope Restoration, Non-Freeway, Type B	8162002	8,000.000	Syd
0210	Slope Restoration, Non-Freeway, Type C	8162003	500.000	Syd



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 020**Letting Date:** March 3, 2023**Contract ID:** 70000-209821**Description:** Bridge reconstruction including removal and replacement, riprap and approach work on 96th Avenue over Black River Tributary, Ottawa County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209821A	23A0192	N/A	BRT 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$322,700.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	55.000	Ea
0020	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	16.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0035	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	13.000	Ft
0045	Curb and Gutter, Rem	2040020	235.000	Ft
0050	Guardrail, Rem	2040035	206.000	Ft
0055	_ Approach Grading	2047011	881.000	Syd
0060	Embankment, CIP	2050010	5,145.000	Cyd
0065	Excavation, Earth	2050016	7,988.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0075	Erosion Control, Maintenance, Sediment Rem	2080026	20.000	Cyd
0080	Erosion Control, Silt Fence	2080036	2,700.000	Ft
0085	Subbase, CIP	3010002	3,291.000	Cyd
0090	Aggregate Base, 8 inch	3020020	9,377.000	Syd
0095	Approach, CI I, 8 inch	3070010	881.000	Syd
0100	Shld, CI II, 6 inch	3070128	2,052.000	Syd
0105	Culv, CI E, Conc, 48 inch	4010580	96.000	Ft
0110	Culv, CI F, 15 inch	4010608	60.000	Ft
0115	Sewer, CI IV, 15 inch, Tr Det B	4020988	64.000	Ft
0120	Sewer, CI IV, 36 inch, Tr Det B	4020995	24.000	Ft
0125	Dr Structure Cover, Type B	4030010	1.000	Ea
0130	Dr Structure Cover, Type C	4030015	2.000	Ea
0135	Dr Structure Cover, Type G	4030040	5.000	Ea
0140	Dr Structure, 24 inch dia	4030200	6.000	Ea

0145	Dr Structure, 48 inch dia	4030210	1.000	Ea
0150	Dr Structure, 60 inch dia	4030220	1.000	Ea
0155	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0160	Underdrain, Subgrade, 12 inch	4040079	706.000	Ft
0165	HMA Surface, Rem	5010005	6,366.000	Syd
0170	HMA Approach	5010061	280.000	Ton
0175	HMA, 4EML	5012025	1,537.000	Ton
0180	HMA, 5EML	5012037	576.000	Ton
0185	Curb and Gutter, Conc, Det D2	8020031	253.000	Ft
0190	Driveway Opening, Conc, Det M	8020050	133.000	Ft
0195	Curb and Gutter, Bridge Approach, Det 5	8022016	34.000	Ft
0200	Curb and Gutter, Bridge Approach, Det 6	8022017	66.000	Ft
0205	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0210	Guardrail Reflector	8070080	28.000	Ea
0215	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0220	Guardrail, Type MGS-8, 108 inch Post	8072180	975.000	Ft
0225	_ Mailbox Post, Modified	8077050	3.000	Ea
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,800.000	Ft
0235	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,800.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	444.000	Ft
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	912.000	Ft
0265	Plastic Drum, Fluorescent, Furn	8120252	19.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	19.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	341.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	341.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	97.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	97.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Riprap, Plain	8130010	100.000	Syd
0305	Mulch Blanket	8160027	9,368.000	Syd
0310	_ Slope Restoration	8167011	9,368.000	Syd
0315	Gate Box, Adj, Case 2	8230432	2.000	Ea

Section: 2

0320	Structures, Rem	2040060	1.000	LSUM
0325	Backfill, Structure, CIP	2060002	2,704.000	Cyd
0330	Excavation, Fdn	2060010	4,329.000	Cyd
0335	Erosion Control, Filter Bag	2080014	2.000	Ea
0340	Erosion Control, Turbidity Curtain, Deep	2080042	275.000	Ft

0345	Underdrain, Fdn, 6 inch	4040033	278.000	Ft
0350	Underdrain Outlet, 6 inch	4040093	16.000	Ft
0355	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0360	Cofferdams	7040007	1.000	LSUM
0365	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0370	Pile, Steel, Furn and Driven, 14 inch	7050034	10,216.000	Ft
0375	Test Pile, Steel, 14 inch	7050035	2.000	Ea
0380	Pile, Steel, Splice	7050050	204.000	Ea
0385	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0390	Bridge Ltg, Oper and Maintain	7060002	222.000	Cyd
0395	Expansion Joint Device	7060050	43.000	Ft
0400	False Decking	7060060	6,534.000	Sft
0405	Reinforcement, Steel, Epoxy Coated	7060092	111,430.000	Lb
0410	Substructure Conc	7060100	545.000	Cyd
0415	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0420	Superstructure Conc, Night Casting	7060113	222.000	Cyd
0425	Water Repellent Treatment, Penetrating	7060140	479.000	Syd
0430	Conc, Grade 3500, Subfooting	7062000	302.000	Cyd
0435	Bearing, Elastomeric, 2 1/2 inch	7070018	4,320.000	Sin
0440	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	656.000	Ft
0445	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	656.000	Ft
0450	Joint Waterproofing	7100001	415.000	Sft
0455	Bridge Barrier Railing, Type 6	7110011	220.000	Ft
0460	Riprap, Heavy	8130005	382.000	Syd



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 021**Letting Date:** March 3, 2023**Contract ID:** 11000-206395

Description: 1.28 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on East Bertrand Road from M-51 to the east Berrien County line, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206395A	23A0198	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$53,985.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	100.000	Syd
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0020	Approach, CI II	3070021	100.000	Ton
0025	Shld, CI II	3070121	350.000	Ton
0030	Trenching	3070200	126.000	Sta
0035	Dr Structure Cover, Adj, Case 1, Modified	4030004	19.000	Ea
0040	Dr Structure Cover, Type D	4030025	2.000	Ea
0045	Dr Structure Cover, Type K	4030050	1.000	Ea
0050	Dr Structure, Temp Lowering	4030390	16.000	Ea
0055	_ Dr Structure Cover, Type Q, Sanitary Sewer Spec	4037050	16.000	Ea
0060	Cold Milling HMA Surface	5010002	1,200.000	Syd
0065	Pavt for Butt Joints, Rem	5010008	400.000	Syd
0070	HMA Approach	5010061	200.000	Ton
0075	HMA, 4EML	5012025	2,000.000	Ton
0080	HMA, 5EML	5012037	2,830.000	Ton
0085	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0095	Pavt Mrkg, Waterborne, 4 inch, White	8110231	13,000.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,320.000	Ft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0125	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0130	Lighted Arrow, Type B, Oper	8120131	2.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	790.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	790.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0155	Slope Restoration, Non-Freeway, Type B	8162002	500.000	Syd
0160	Monument Box	8210001	2.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 022**Letting Date:** March 3, 2023**Contract ID:** 82000-208977

Description: 0.71 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, storm sewer, curb ramps and pavement markings on Oakland Avenue from Davison South Service Drive southeasterly to southeast of Tennyson Street in the city of Highland Park, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208977A	22A1093	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$135,100.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	17.000	Ea
0015	Curb and Gutter, Rem	2040020	523.000	Ft
0020	Pavt, Rem	2040050	472.000	Syd
0025	Sidewalk, Rem	2040055	706.000	Syd
0030	Excavation, Earth	2050016	437.000	Cyd
0035	Erosion Control, Inlet Protection, Sediment Trap	2080024	80.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	812.000	Cyd
0045	Project Cleanup	2090001	1.000	LSUM
0050	Subbase, CIP	3010002	78.000	Cyd
0055	Aggregate Base, 4 inch	3020010	111.000	Syd
0060	Aggregate Base, 10 inch	3020026	455.000	Syd
0065	Dr Structure Cover, Adj, Case 1	4030005	78.000	Ea
0070	Dr Structure Cover, Type C	4030015	17.000	Ea
0075	Dr Structure, 48 inch dia	4030210	30.000	Ea
0080	Pavt, Cleaning	5010001	1.000	LSUM
0085	Cold Milling HMA Surface	5010002	42,470.000	Syd
0090	HMA, 3EL	5012012	5,841.000	Ton
0095	HMA, 5EL	5012036	2,746.000	Ton
0100	Conc Base Cse, Nonreinf, 10 inch	6020023	813.000	Syd
0105	Conc Pavt, Nonreinf, 10 inch	6020108	472.000	Syd
0110	Driveway, Nonreinf Conc, 6 inch	8010005	18.000	Syd
0115	Curb and Gutter, Conc, Det F4	8020038	523.000	Ft
0120	Detectable Warning Surface	8030010	135.000	Ft
0125	Sidewalk, Conc, 4 inch	8030044	6,353.000	Sft
0130	Sidewalk, Conc, 6 inch	8030046	110.000	Sft
0135	Curb Ramp, Conc, 4 inch	8032001	2,700.000	Sft

0140	Sign, Type I, Erect, Salv	8100390	4.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	374.000	Ft
0150	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	60.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0165	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
0170	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,088.000	Ft
0175	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	312.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,356.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	52.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	52.000	Ea
0195	Pedestrian Type II Barricade, Temp	8120026	52.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	74.000	Ea
0205	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	74.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Sign Cover	8120310	4.000	Ea
0220	Sign, Type A, Temp, Prismatic, Furn	8120340	1,277.000	Sft
0225	Sign, Type A, Temp, Prismatic, Oper	8120341	1,277.000	Sft
0230	_ Temp Tree Protection	8157001	8,187.000	Ft
0235	Topsoil Surface, Furn, 3 inch	8160061	500.000	Syd
0240	Water, Sodding/Seeding	8160090	1.000	Unit
0245	Gate Box, Reconst, Case 1	8230411	1.000	Ea
0250	Gate Box, Adj, Case 1	8230431	9.000	Ea
0255	Gate Well, Cover	8232000	1.000	Ea
0260	Contractor Staking	8240001	1.000	LSUM
0265	Staking Plan Errors and Extras, Max \$180/hour	8240002	40.000	Hr



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 023**Letting Date:** March 3, 2023**Contract ID:** 17000-208179

Description: 0.54 mi of hot mix asphalt reconstruction, concrete sidewalk and ramps, sanitary and storm sewer, watermain and pavement markings on Meridian Street from West Easterday Avenue to 4th Avenue, City of Sault Ste. Marie, Chippewa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208179A	23A0227	N/A	STUL 17000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$70,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	15.000	Ea
0015	Dr Structure, Rem	2030011	17.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	1,350.000	Ft
0025	Curb and Gutter, Rem	2040020	2,900.000	Ft
0030	Pavt, Rem	2040050	9,750.000	Syd
0035	Sidewalk, Rem	2040055	225.000	Syd
0040	Embankment, CIP	2050010	110.000	Cyd
0045	Excavation, Earth	2050016	23,000.000	Cyd
0050	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0055	Flowable Fill, Non-Structural	2050148	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	28.000	Ea
0065	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Subbase, CIP	3010002	10,965.000	Cyd
0075	Aggregate Base, 6 inch	3020016	2,500.000	Syd
0080	Aggregate Base, 8 inch	3020020	1,025.000	Syd
0085	Aggregate Base, 12 inch	3020030	13,600.000	Syd
0090	Maintenance Gravel	3060020	500.000	Ton
0095	Approach, CI I, 6 inch	3070008	1,665.000	Syd
0100	Shld, CI II, 3 inch	3070125	104.000	Syd
0105	Geotextile, Stabilization	3080010	17,873.000	Syd
0110	Sewer, CI A, 8 inch, Tr Det B	4020031	214.000	Ft
0115	Sewer, CI II, 12 inch, Tr Det B	4020748	993.000	Ft
0120	Sewer, CI II, 15 inch, Tr Det B	4020749	860.000	Ft
0125	Sewer, CI II, 18 inch, Tr Det B	4020751	394.000	Ft
0130	Sewer Tap, 12 inch	4021204	1.000	Ea
0135	Sewer Tap, 15 inch	4021205	1.000	Ea

0140	Sewer Tap, 18 inch	4021206	3.000	Ea
0145	Trench Undercut and Backfill	4021260	90.000	Cyd
0150	Video Taping Sewer and Culv Pipe	4021275	2,500.000	Ft
0155	Dr Structure Cover, Adj, Case 1, Modified	4030004	3.000	Ea
0160	Dr Structure Cover, Type B	4030010	11.000	Ea
0165	Dr Structure Cover, Type E	4030035	5.000	Ea
0170	Dr Structure Cover, Type K	4030050	25.000	Ea
0175	Dr Structure, 24 inch dia	4030200	15.000	Ea
0180	Dr Structure, 48 inch dia	4030210	17.000	Ea
0185	Dr Structure, 72 inch dia	4030230	4.000	Ea
0190	Underdrain, Subbase, 6 inch	4040063	6,864.000	Ft
0195	Edge Trimming	5010009	115.000	Ft
0200	Hand Patching	5010025	5.000	Ton
0205	HMA Approach	5010061	680.000	Ton
0210	HMA, 4EML	5012025	1,280.000	Ton
0215	HMA, 5EML	5012037	977.000	Ton
0220	Curb and Gutter, Conc, Det C6	8020025	5,565.000	Ft
0225	Driveway Opening, Conc, Det M	8020050	1,114.000	Ft
0230	Curb Ramp Opening, Conc	8030030	350.000	Ft
0235	Curb Ramp, Conc, 6 inch	8032002	3,360.000	Sft
0240	_ Detectable Warning Surface, Modified	8037001	64.000	Ft
0245	Shared use Path, Grading	8060030	895.000	Ft
0250	Shared use Path, HMA	8060040	255.000	Ton
0255	Post, Mailbox	8070095	1.000	Ea
0260	Fence, Protective	8080007	200.000	Ft
0265	Post, Steel, 3 pound	8100371	708.000	Ft
0270	Sign, Type III, Erect, Salv	8100402	11.000	Ea
0275	Sign, Type III, Rem	8100403	58.000	Ea
0280	Sign, Type IIIA	8100404	80.000	Sft
0285	Sign, Type IIIB	8100405	135.000	Sft
0290	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	385.000	Ft
0295	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	176.000	Ft
0300	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	13.000	Ea
0305	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0310	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0315	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	1.000	Ea
0320	Pavt Mrkg, Waterborne, 4 inch, White	8110231	525.000	Ft
0325	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,415.000	Ft
0330	Recessing Pavt Mrkg, Transv	8110451	561.000	Sft
0335	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0345	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea
0350	Dust Palliative, Applied	8120100	1.000	Ton

0355	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0360	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0365	Minor Traf Devices	8120170	1.000	LSUM
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	5,710.000	Ft
0375	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	11,200.000	Ft
0380	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0385	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	655.000	Sft
0395	Sign, Type B, Temp, Prismatic, Oper	8120351	655.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0405	Pedestrian Path, Temp	8122250	500.000	Ft
0410	Pedestrian Ramp, Temp	8122251	10.000	Ea
0415	_ Restoration, Modified	8167002	29.000	Sta
0420	Monument Box	8210001	1.000	Ea
0425	Monument Preservation	8210010	1.000	Ea
0430	_ Water Main, 8 inch, CIPP	8237001	1,800.000	Ft
0435	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	210.000	Ft
0440	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	786.000	Ft
0445	_ Fire Hydrant, Modified	8237050	3.000	Ea
0450	_ Gate Box, Adj, Case 1, Modified	8237050	5.000	Ea
0455	_ Gate Box, Adj, Temp, Case 1, Modified	8237050	5.000	Ea
0460	_ Gate Box, Reconst, Case 1, Modified	8237050	2.000	Ea
0465	_ Gate Valve and Box, 6 inch. Modified	8237050	9.000	Ea
0470	_ Gate Valve and Box, 8 inch, Modified	8237050	11.000	Ea
0475	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0480	_ Water Main Conflict, 8 Inch, Modified	8237050	2.000	Ea
0485	_ Water Main, 4 inch, Cut and Plug, Modified	8237050	1.000	Ea
0490	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	2.000	Ea
0495	_ Water Serv, Conflict, Modified	8237050	1.000	Ea
0500	_ Water Serv, Modified	8237050	2.000	Ea
0505	_ Water Shutoff, Adj, Case 1, Modified	8237050	1.000	Ea
0510	_ Water Shutoff, Reconst, Case 1, Modified	8237050	1.000	Ea
0515	Contractor Staking	8240001	1.000	LSUM
0520	Staking Plan Errors and Extras, Max \$180/hour	8240002	25.000	Hr
0525	_ Sanitary Manhole Internal Drop Connection, Modified	8257001	3.000	Ft
0530	_ Sanitary Sewer, PVC, 10 inch, Tr Det B2, Modified	8257001	2,210.000	Ft
0535	_ Sanitary Sewer, PVC, 8 inch, Tr Det B2, Modified	8257001	433.000	Ft
0540	_ Sanitary Sewer, Serv Lead, PVC, 6 inch, Modified	8257001	90.000	Ft
0545	_ Sanitary Structure, Add Depth of 48 inch dia, 8 foot to 15 foot, Modified	8257001	40.000	Ft
0550	_ Sanitary Structure, Add Depth of 48 inch dia, more than 15 foot, Modified	8257001	3.000	Ft
0555	_ Sanitary Structure, Add Depth of 60 inch dia, 8 foot to 15 foot. Modified	8257001	6.000	Ft

0560	_ Sewer, Rem, Less Than 24 inch, Modified	8257001	730.000	Ft
0565	_ Sanitary Structure Cover, Type Q, Modified	8257050	15.000	Ea
0570	_ Sanitary Structure, 48 inch dia, Modified	8257050	11.000	Ea
0575	_ Sanitary Structure, 60 inch dia, Modified	8257050	1.000	Ea
0580	_ Sanitary Structure, Rem, Modified	8257050	3.000	Ea
0585	_ Sanitary Structure, Tap 10 inch, Modified	8257050	1.000	Ea
0590	_ Sanitary Structure, Tap, 8 inch, Modified	8257050	4.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 024**Letting Date:** March 3, 2023**Contract ID:** 81000-205638

Description: 0.88 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, guardrail and pavement markings on Carpenter Road from Textile Road to US-12 and from Cloverlane Drive to Ellsworth Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205638A	23A0176	N/A	STU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$125,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	636.000	Ft
0015	Guardrail, Rem	2040035	1,262.000	Ft
0020	Sidewalk, Rem	2040055	20.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	27.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0040	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0045	Dr Structure, Temp Lowering	4030390	1.000	Ea
0050	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	1.000	Ea
0055	Cold Milling HMA Surface	5010002	33,080.000	Syd
0060	HMA Surface, Rem	5010005	106.000	Syd
0065	Hand Patching	5010025	100.000	Ton
0070	HMA Approach	5010061	351.000	Ton
0075	HMA, 4EML	5012025	3,828.000	Ton
0080	HMA, 5EML	5012037	3,828.000	Ton
0085	_ Void Reducing Asphalt Membrane	5017001	18,600.000	Ft
0090	_ Hand Patching, Modified	5017031	186.000	Ton
0095	Conc, Grade 3500	7062001	9.000	Cyd
0100	Curb and Gutter, Conc, Det F4	8020038	620.000	Ft
0105	Detectable Warning Surface	8030010	10.000	Ft
0110	Curb Ramp Opening, Conc	8030030	16.000	Ft
0115	Curb Ramp, Conc, 6 inch	8032002	177.000	Sft
0120	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0125	Guardrail Reflector	8070080	44.000	Ea
0130	Post, Mailbox	8070095	1.000	Ea
0135	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea

0140	Guardrail, Type MGS-8, 72 inch Post	8072179	563.000	Ft
0145	_ Guardrail, Backed, Type MGS, 72 inch Post	8077001	325.000	Ft
0150	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
0155	Post, Steel, 3 pound	8100371	168.000	Ft
0160	Sign, Type III, Rem	8100403	12.000	Ea
0165	Sign, Type IIIB	8100405	72.000	Sft
0170	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	132.000	Ft
0175	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	80.000	Ft
0180	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8112000	2,214.000	Ft
0185	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	9,160.000	Ft
0190	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, Yellow	8112003	9,160.000	Ft
0195	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	2.000	Ea
0200	Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8112022	1.000	Ea
0205	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	2,214.000	Ft
0210	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	9,160.000	Ft
0215	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	9,160.000	Ft
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0230	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	465.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	465.000	Ea
0245	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	576.000	Sft
0275	Sign, Type B, Temp, Prismatic, Oper	8120351	576.000	Sft
0280	Traf Regulator Control	8120370	1.000	LSUM
0285	_ Turf Establishment, Performance	8167011	138.000	Syd
0290	Wireless Vehicle Detection System	8200422	1.000	Ea
0295	Wireless Vehicle Sensor Node	8200425	21.000	Ea
0300	Wireless Vehicle Sensor Node, Salv	8200427	11.000	Ea
0305	_ Wireless Repeater, Flex	8207050	3.000	Ea
0310	Monument Box Adj	8210005	2.000	Ea
0315	_ Monument Box, Modified	8217050	1.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 025**Letting Date:** March 3, 2023**Contract ID:** 41000-205601

Description: 1.00 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, signing, traffic signal and pavement markings on Ball Avenue from Leonard Street northerly to Knapp Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205601A	23A0224	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$185,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0020	Dr Structure, Rem	2030011	1.000	Ea
0025	Curb and Gutter, Rem	2040020	2,200.000	Ft
0030	Sidewalk, Rem	2040055	625.000	Syd
0035	_ Pavt, Rem, Modified	2047011	3,100.000	Syd
0040	_ Roadway Grading	2057002	58.000	Sta
0045	_ Unsuitable Soil, Rem and Repl with Granular Material, CI II	2057021	30.000	Cyd
0050	_ Stormwater Operator's Inspection	2087050	60.000	Ea
0055	_ Dust Control	2087051	1.000	LSUM
0060	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0065	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0070	Project Cleanup	2090001	1.000	LSUM
0075	Aggregate Base, 6 inch	3020016	4,800.000	Syd
0080	Driveway Maintenance, Commercial	3062000	4.000	Ea
0085	Driveway Maintenance, Residential	3062001	101.000	Ea
0090	Sewer Tap, 12 inch	4021204	1.000	Ea
0095	_ Basin Connection, DI CI52, 12 inch	4027001	85.000	Ft
0100	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0105	_ Catch Basin Casting, Adjust	4037050	11.000	Ea
0110	_ Catch Basin Casting, Furnish	4037050	11.000	Ea
0115	_ Catch Basin, 4 foot Dia, per Detail S-4	4037050	2.000	Ea
0120	_ Drop Inlet, per Detail S-6	4037050	4.000	Ea
0125	_ Manhole Casting, Adjust	4037050	45.000	Ea
0130	_ Manhole Casting, Furnish	4037050	45.000	Ea
0135	Cold Milling HMA Surface	5010002	17,300.000	Syd

0140	HMA Surface, Rem	5010005	1,500.000	Syd
0145	HMA Approach	5010061	400.000	Ton
0150	HMA, 3EML	5012013	400.000	Ton
0155	HMA, 4EML	5012025	700.000	Ton
0160	HMA, 5EML	5012037	2,500.000	Ton
0165	_ Temporary HMA Pavement	5017031	100.000	Ton
0170	Driveway, Nonreinf Conc, 6 inch	8010005	1,300.000	Syd
0175	Driveway Opening, Conc, Det M	8020050	100.000	Ft
0180	_ Curb and Gutter, 18 x 6 inch pan, per Detail P-5	8027001	2,000.000	Ft
0185	Curb Ramp Opening, Conc	8030030	150.000	Ft
0190	Sidewalk, Conc, 4 inch	8030044	3,250.000	Sft
0195	Sidewalk, Conc, 6 inch	8030046	500.000	Sft
0200	Curb Ramp, Conc, 4 inch	8032001	1,000.000	Sft
0205	Curb Ramp, Conc, 6 inch	8032002	600.000	Sft
0210	_ Detectable Warning Surface, Modified	8037001	125.000	Ft
0215	Post, Steel, 3 pound	8100371	585.000	Ft
0220	Sign, Type III, Rem	8100403	13.000	Ea
0225	Sign, Type IIIB	8100405	170.000	Sft
0230	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	735.000	Ft
0235	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	170.000	Ft
0240	Rem Spec Mrkg	8110343	598.000	Sft
0245	Recessing Pavt Mrkg, Transv	8110451	2,300.000	Sft
0250	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	4.000	Ea
0255	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	250.000	Ft
0260	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	10,250.000	Ft
0265	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	10,000.000	Ft
0270	_ Pavt Mrkg, Bike Lane, Green	8117010	1,200.000	Sft
0275	_ Pavt Mrkg, Preformed Thermopl, Bike Lane and Arrow Sym	8117050	15.000	Ea
0280	_ Pavt Mrkg, Preformed Thermopl, Bike Lane Large Sym	8117050	3.000	Ea
0285	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0295	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0300	Pedestrian Type II Channelizer, Temp	8120027	60.000	Ft
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0315	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0320	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	200.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	200.000	Ft
0330	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0335	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	762.000	Sft

0345	Sign, Type B, Temp, Prismatic, Oper	8120351	762.000	Sft
0350	Site Preparation, Max \$25,000	8150001	1.000	LSUM
0355	_ Sulfur Application	8157010	1,000.000	Sft
0360	_ Prepared Soil	8157021	250.000	Cyd
0365	_ Acer saccharum, 2 1/2 inch	8157050	15.000	Ea
0370	_ Ginko biloba 'Fastigiata', 1 1/2 inch	8157050	11.000	Ea
0375	_ Gleditsia triacanthos 'Skyline', 2 1/2 inch	8157050	12.000	Ea
0380	_ Malus 'Centurion', 1 1/2 inch	8157050	11.000	Ea
0385	_ Protect Tree, per Detail M-2	8157050	52.000	Ea
0390	_ Tree Irrigation Bag	8157050	115.000	Ea
0395	_ Ulmus 'Homestead', 2 1/2 inch	8157050	10.000	Ea
0400	_ Root Pruning	8157051	1.000	LSUM
0405	_ Watering and Cultivating, Special	8157051	1.000	LSUM
0410	_ Turf Establishment	8167011	12,000.000	Syd
0415	_ Mulch, Shredded Bark	8167021	31.000	Cyd
0420	_ Turf Watering	8167050	5.000	Ea
0425	_ Weed Control, Modified	8167050	3.000	Ea
0430	Conduit, DB, 1, 1 1/2 inch	8182048	110.000	Ft
0435	Hh, Round	8182310	4.000	Ea
0440	_ Cable, P.J., 600V, 1, 2/C#16	8187001	700.000	Ft
0445	_ Conduit, DB, 1, 3/4 inch	8187001	12.000	Ft
0450	Pedestal, Alum	8200100	3.000	Ea
0455	Pedestal, Fdn	8200105	3.000	Ea
0460	Pushbutton and Sign	8200121	3.000	Ea
0465	Traf Loop	8200170	2.000	Ea
0470	Loop Detector, Rem	8200173	1.000	Ea
0475	_ Curb Box, Adjust	8237050	4.000	Ea
0480	_ Curb Box, Furnish	8237050	4.000	Ea
0485	_ Valve Box, Adjust	8237050	14.000	Ea
0490	_ Valve Box, Furnish	8237050	14.000	Ea
0495	_ Preconstruction Documentation	8507051	1.000	LSUM
0500	_ Contaminated Material, Storage, Handling and Disposal	8507060	5,000.000	Dlr
0505	_ Underground Sprinkling Systems, Restore	8507060	10,000.000	Dlr



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 026**Letting Date:** March 3, 2023**Contract ID:** 38000-207186

Description: 0.53 mi of hot mix asphalt cold milling and resurfacing, shared-use path, concrete curb and gutter and pavement markings on Brown Street from Morrell Street to Michigan Avenue in the city of Jackson, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207186A	23A0217	N/A	STUL 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	2,000.000	Dlr
0010	Mobilization, Max \$91,300.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	8.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	85.000	Ft
0025	Curb and Gutter, Rem	2040020	2,821.000	Ft
0030	Sidewalk, Rem	2040055	415.000	Syd
0035	Exploratory Investigation, Vertical	2040080	100.000	Ft
0040	_ Earth Sawcut	2047001	200.000	Ft
0045	_ Pavt Sawcut	2047001	5,221.000	Ft
0050	_ Pavt, Rem, Modified	2047001	3,601.000	Ft
0055	_ Driveway, Rem	2047011	343.000	Syd
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0065	_ Roadway Grading, Special	2057002	28.000	Sta
0070	_ Subgrade Undercutting, 1 x 3	2057021	100.000	Cyd
0075	_ Erosion Control, Inlet Protection, Grate Filter, Rectangular	2087050	30.000	Ea
0080	_ Tree Preservation	2087051	1.000	LSUM
0085	_ Aggregate Base, 4 inch, 21AA, Modified	3027011	2,327.000	Syd
0090	_ Aggregate Base, 6 inch, 21AA, Modified	3027011	1,285.000	Syd
0095	_ Geogrid	3087011	200.000	Syd
0100	_ Perforated Sewer	4027001	80.000	Ft
0105	_ Sewer Backfill, Class II	4027001	264.000	Ft
0110	_ Sewer, CI A, 12 inch	4027001	151.000	Ft
0115	_ Sewer, CI A, 6 inch, Tr Det A, Modified	4027001	113.000	Ft
0120	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0125	_ Catch Basin Cover, ADA	4037050	1.000	Ea
0130	_ Catch Basin Cover, Curb	4037050	11.000	Ea

0135	_ Catch Basin, 48 inch, dia	4037050	9.000	Ea
0140	_ Mh Cover, Std	4037050	3.000	Ea
0145	_ Utility Structure Cover, Adj, Case 1, Modified	4037050	43.000	Ea
0150	_ Utility Structures, Temp Lowering, Modified	4037050	62.000	Ea
0155	_ Yard Basin	4037050	4.000	Ea
0160	Cold Milling HMA Surface	5010002	11,816.000	Syd
0165	Hand Patching	5010025	70.000	Ton
0170	HMA Approach	5010061	206.000	Ton
0175	HMA, 5EML	5012037	1,334.000	Ton
0180	_ HMA Surface, Rem, Modified	5017011	3,601.000	Syd
0185	Conc Base Cse, Nonreinf, 8 inch	6020019	266.000	Syd
0190	Lane Tie, Epoxy Anchored	6030030	422.000	Ea
0195	Driveway, Nonreinf Conc, 6 inch	8010005	164.000	Syd
0200	Driveway Opening, Conc, Det M	8020050	162.000	Ft
0205	_ Curb and Gutter, Conc, Det F3, Modified	8027001	2,374.000	Ft
0210	Detectable Warning Surface	8030010	106.000	Ft
0215	Curb Ramp Opening, Conc	8030030	520.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	19,230.000	Sft
0225	Sidewalk, Conc, 6 inch	8030046	4,390.000	Sft
0230	Curb Ramp, Conc, 6 inch	8032002	1,686.000	Sft
0235	_ Detectable Warning Surface, Metal	8037001	39.000	Ft
0240	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0245	Sign, Type III, Rem	8100403	14.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	503.000	Ft
0255	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	417.000	Ft
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	198.000	Ft
0265	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0270	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	40.000	Ft
0275	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	8,507.000	Ft
0280	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0285	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	150.000	Ea
0290	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	150.000	Ea
0295	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0300	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0305	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,810.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,810.000	Ft
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	200.000	Ft
0325	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	90.000	Ft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	370.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	370.000	Sft
0340	Pedestrian Ramp, Temp	8122251	4.000	Ea

0345	_ Turf Establishment Performance	8167011	2,500.000	Syd
0350	Monument Box Adj	8210005	1.000	Ea
0355	Monument Preservation	8210010	4.000	Ea
0360	Hydrant, Relocate, Case 1	8230095	2.000	Ea
0365	_ Gate Box, Adj, Case 1, Modified	8237050	12.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 027**Letting Date:** March 3, 2023**Contract ID:** 81000-213431

Description: 0.25 mi of full depth pavement removal, hot mix asphalt resurfacing, concrete curb, gutter and ramps and pavement markings on Michigan Avenue from I-94WB off ramp to Hewitt Road, Washtenaw County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213431A	23A0181	N/A	HICU 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$121,400.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	2,735.000	Ft
0015	Pavt, Rem	2040050	9,645.000	Syd
0020	Sidewalk, Rem	2040055	62.000	Syd
0025	Excavation, Earth	2050016	1,453.000	Cyd
0030	_ Embankment, CIP, Modified	2057021	100.000	Cyd
0035	_ Subgrade Undercutting, Type IV, Modified	2057021	500.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0045	Project Cleanup	2090001	1.000	LSUM
0050	_ Aggregate Base, 10 inch, Modified	3027011	10,731.000	Syd
0055	Maintenance Gravel	3060020	100.000	Ton
0060	Geotextile, Stabilization	3080010	1,500.000	Syd
0065	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0070	Dr Structure Cover, Type K	4030050	1.000	Ea
0075	Dr Structure, Temp Lowering	4030390	4.000	Ea
0080	_ Dr Structure, Repair	4037001	6.000	Ft
0085	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	4.000	Ea
0090	HMA Surface, Rem	5010005	5,183.000	Syd
0095	HMA, 4EML	5012025	2,380.000	Ton
0100	HMA, 5EML	5012037	1,190.000	Ton
0105	_ Void Reducing Asphalt Membrane	5017001	5,220.000	Ft
0110	Curb and Gutter, Conc, Det F4	8020038	2,610.000	Ft
0115	Detectable Warning Surface	8030010	20.000	Ft
0120	Curb Ramp Opening, Conc	8030030	40.000	Ft
0125	Curb Ramp, Conc, 6 inch	8032002	551.000	Sft
0130	Post, Mailbox	8070095	1.000	Ea
0135	Perforated Steel Square Tube Breakaway System	8100330	2.000	Ea

0140	Post, Steel, 3 pound	8100371	98.000	Ft
0145	Sign, Type III, Rem	8100403	7.000	Ea
0150	Sign, Type IIIA	8100404	66.000	Sft
0155	Sign, Type IIIB	8100405	510.000	Sft
0160	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	450.000	Ft
0165	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	100.000	Ft
0170	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8112000	1,361.000	Ft
0175	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	1,300.000	Ft
0180	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, Yellow	8112003	2,319.000	Ft
0185	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	3.000	Ea
0190	Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8112022	3.000	Ea
0195	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	1,361.000	Ft
0200	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	1,300.000	Ft
0205	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	2,319.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0220	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0235	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0260	Sign Cover	8120310	6.000	Ea
0265	Sign Cover, Type I	8120320	2.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0275	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0280	Sign, Type B, Temp, Prismatic, Furn	8120350	497.000	Sft
0285	Sign, Type B, Temp, Prismatic, Oper	8120351	497.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	218.000	Sft
0295	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	218.000	Sft
0300	Traf Regulator Control	8120370	1.000	LSUM
0305	Portable Water Filled Barrier, Furn	8120410	10.000	Ft
0310	Portable Water Filled Barrier, Oper	8120411	10.000	Ft
0315	_ Turf Establishment, Performance	8167011	712.000	Syd
0320	Wireless Vehicle Detection System	8200422	1.000	Ea
0325	Wireless Vehicle Sensor Node	8200425	20.000	Ea
0330	TS Face, Bag	8200458	12.000	Ea
0335	TS Face, Bag, Rem	8200459	12.000	Ea

0340	_ Wireless Repeater, Flex	8207050	2.000	Ea
0345	_ Monument Box, Modified	8217050	1.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 028**Letting Date:** March 3, 2023**Contract ID:** 31000-208315

Description: 0.79 mi of hot mix asphalt base crushing, shaping and resurfacing, aggregate shoulders, slope restoration and pavement markings on Atlantic Avenue from Erickson Drive to Allouez Street, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208315A	23A0187	N/A	STUL 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,700.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0015	Pavt, Rem	2040050	204.000	Syd
0020	Sidewalk, Rem	2040055	5.000	Syd
0025	Excavation, Earth	2050016	83.000	Cyd
0030	_ Triaxial Geogrid	2057011	2,112.000	Syd
0035	Aggregate Base	3020001	50.000	Ton
0040	Aggregate Base, 6 inch	3020016	2,740.000	Syd
0045	HMA Base Crushing and Shaping	3050002	11,567.000	Syd
0050	Approach, CI II	3070021	50.000	Ton
0055	Shld, CI II	3070121	665.000	Ton
0060	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0065	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0070	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0075	Culv, CI E, Conc, 12 inch	4010573	24.000	Ft
0080	Culv, CI E, Conc, 18 inch	4010575	64.000	Ft
0085	Culv, CI E, Conc, 24 inch	4010576	32.000	Ft
0090	Trench Undercut and Backfill	4021260	15.000	Cyd
0095	Dr Structure Cover, Adj, Case 1	4030005	16.000	Ea
0100	HMA Surface, Rem	5010005	2,433.000	Syd
0105	HMA Approach	5010061	314.000	Ton
0110	HMA, 4EML	5012025	926.000	Ton
0115	HMA, 5EML	5012037	926.000	Ton
0120	Driveway, Reinf Conc, 6 inch	8010001	204.000	Syd
0125	Sidewalk, Conc, 4 inch	8030044	34.000	Sft
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	8,276.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	8,276.000	Ft

0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	332.000	Ft
0150	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0155	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Fertilizer, Chemical Nutrient, CI A	8160020	49.000	Lb
0180	Mulch	8160025	1,323.000	Syd
0185	Mulch Anchoring	8160026	1,323.000	Syd
0190	Seeding, Mixture THV	8160040	60.000	Lb
0195	Topsoil Surface, Furn, 4 inch	8160062	967.000	Syd
0200	Topsoil Surface, Salv, 4 inch	8160077	356.000	Syd
0205	Gate Box, Adj, Case 1	8230431	4.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 029

Letting Date: March 3, 2023

Contract ID: 63000-210951

Description: 1.62 mi of concrete shared-use path, curb, gutter, sidewalk and ramps along Cranbrook Road from West Maple Road to Fourteen Mile Road in the city of Birmingham, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210951A	23A0194	N/A	TAU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	5,100.000	Dlr
0010	Mobilization, Max \$127,000.00	1100001	1.000	LSUM
0015	Stump, Rem, 6 inch to 18 inch	2020008	17.000	Ea
0020	Curb and Gutter, Rem	2040020	341.000	Ft
0025	Pavt, Rem	2040050	233.000	Syd
0030	Sidewalk, Rem	2040055	33.000	Syd
0035	_ Fence, Rem & Salv	2047001	148.000	Ft
0040	_ Fence, Rem, Salv & Reinstall	2047001	193.000	Ft
0045	_ Brick Pavers, Rem, Salv & Reinstall	2047010	213.000	Sft
0050	_ Bumper Blocks, Rem, Salv & Reinstall	2047050	23.000	Ea
0055	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0060	_ Station Grading	2057002	60.000	Sta
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0070	Erosion Control, Silt Fence	2080036	12,708.000	Ft
0075	Subbase, CIP	3010002	1,386.000	Cyd
0080	Aggregate Base, 8 inch	3020020	752.000	Syd
0085	Maintenance Gravel, LM	3060021	40.000	Cyd
0090	Shld, CI II, 8 inch	3070130	580.000	Syd
0095	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0100	Culv End Sect 12 inch, Grate	4012020	2.000	Ea
0105	Sewer, CI IV, 12 inch, Tr Det A	4020960	437.000	Ft
0110	_ Sewer, CMP, 12 inch, Tr Det A	4027001	227.000	Ft
0115	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0120	Dr Structure Cover, Adj, Case 2	4030006	26.000	Ea
0125	Dr Structure Cover, Type B	4030010	8.000	Ea
0130	Dr Structure Cover, Type E	4030035	2.000	Ea
0135	Dr Structure Cover, Type G	4030040	6.000	Ea

0140	Dr Structure Cover, Type J	4030045	1.000	Ea
0145	Dr Structure Cover, Type K	4030050	3.000	Ea
0150	Dr Structure, 24 inch dia	4030200	1.000	Ea
0155	Dr Structure, 48 inch dia	4030210	3.000	Ea
0160	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0165	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0170	_ Dr Structure, 36 inch Dia	4037050	10.000	Ea
0175	Underdrain, Subgrade, 4 inch	4040071	120.000	Ft
0180	HMA Surface, Rem	5010005	453.000	Syd
0185	Hand Patching	5010025	112.000	Ton
0190	_ Gravity Retaining Wall, Boulder	7067010	2,650.000	Sft
0195	Driveway, Nonreinf Conc, 6 inch	8010005	103.000	Syd
0200	Curb and Gutter, Conc, Det B2	8020016	24.000	Ft
0205	Curb and Gutter, Conc, Det F1	8020035	443.000	Ft
0210	_ Curb and Gutter, Conc, Det D2, Modified	8027001	149.000	Ft
0215	_ Spillway, Conc, Modified	8027010	30.000	Sft
0220	Curb Ramp Opening, Conc	8030030	199.000	Ft
0225	Sidewalk, Conc, 4 inch	8030044	15,884.000	Sft
0230	Sidewalk, Conc, 6 inch	8030046	1,179.000	Sft
0235	Curb Ramp, Conc, 6 inch	8032002	1,816.000	Sft
0240	_ Detectable Warning Surface, Cast Iron	8037001	205.000	Ft
0245	_ Sidewalk, Conc, 9 inch	8037010	207.000	Sft
0250	_ Shared use Path, Conc, 4 inch, Modified	8067011	3,857.000	Syd
0255	_ Shared use Path, Conc, 9 inch, Modified	8067011	197.000	Syd
0260	Fence, Temp	8080004	230.000	Ft
0265	_ Fence, Vinyl, Split Rail, White, 36 inch Height	8087001	251.000	Ft
0270	Post, Steel, 3 pound	8100371	192.000	Ft
0275	Sign, Type II, Erect, Salv	8100396	21.000	Ea
0280	Sign, Type IIA	8100398	40.000	Sft
0285	Sign, Type IIB	8100399	76.000	Sft
0290	_ Pavt Mrkg, Ovly Cold Plastic, 24 inch, Crosswalk	8117001	917.000	Ft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0305	Lighted Arrow, Type A, Furn	8120120	8.000	Ea
0310	Lighted Arrow, Type A, Oper	8120121	8.000	Ea
0315	Minor Traf Devices	8120170	1.000	LSUM
0320	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0325	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	512.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	512.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM
0345	Riprap, Plain, LM	8130012	6.000	Cyd
0350	Mulch	8160025	6,038.000	Syd

0355	Mulch Anchoring	8160026	6,038.000	Syd
0360	Seeding, Mixture THV	8160040	493.000	Lb
0365	Topsoil Surface, Furn, 3 inch	8160061	10,805.000	Syd
0370	Water, Sodding/Seeding	8160090	53.000	Unit
0375	_ Mulch Blanket, Modified	8167011	4,097.000	Syd
0380	Hydrant, Relocate, Case 1	8230095	1.000	Ea
0385	Hydrant, Relocate, Case 2	8230096	2.000	Ea
0390	Gate Box, Adj, Case 1	8230431	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 030

Letting Date: March 3, 2023

Contract ID: 13000-208255-2

Description: 1.52 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders and pavement markings on Old US 27 (17.5 Mile Road) from the north city limits of Marshall to G Drive North, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208255A	23A0056	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$44,500.00	1100001	1.000	LSUM
0010	Berm Grading	2050008	3.000	Sta
0015	Shld, CI II	3070121	500.000	Ton
0020	Dr Structure Cover, Adj, Case 1, Modified	4030004	1.000	Ea
0025	Dr Structure Cover, Type Q	4030065	1.000	Ea
0030	Cold Milling HMA Surface	5010002	26,290.000	Syd
0035	HMA, 5EML	5012037	3,181.000	Ton
0040	Post, Steel, 3 pound	8100371	336.000	Ft
0045	Sign, Type III, Rem	8100403	20.000	Ea
0050	Sign, Type IIIA	8100404	11.000	Sft
0055	Sign, Type IIIB	8100405	117.000	Sft
0060	Sign, Type V, Rem	8100421	1.000	Ea
0065	Sign, Type VB	8100425	8.000	Sft
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	30.000	Ft
0075	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0085	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	9.000	Ea
0090	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,700.000	Ft
0095	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,600.000	Ft
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	15,700.000	Ft
0105	Recessing Pavt Mrkg, Longit	8110450	22,500.000	Ft
0110	Recessing Pavt Mrkg, Transv	8110451	486.000	Sft
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0135	Minor Traf Devices	8120170	1.000	LSUM

0140	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	415.000	Ft
0145	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,400.000	Ft
0150	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0155	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Non-Freeway, Type B	8162002	500.000	Syd
0180	Monument Box Adj	8210005	2.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 031**Letting Date:** March 3, 2023**Contract ID:** 77000-212271**Description:** Bridge reconstruction including deck replacement, guardrail and approach work on Sperry Road over the Belle River, St. Clair County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212271A	23A0214	N/A	BFPO 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,300.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	3.000	Sta
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Guardrail, Rem	2040035	273.000	Ft
0025	Exploratory Investigation, Vertical	2040080	50.000	Ft
0030	_ Pavt, Rem, Modified	2047011	777.000	Syd
0035	Embankment, CIP	2050010	72.000	Cyd
0040	Excavation, Earth	2050016	793.000	Cyd
0045	Erosion Control, Silt Fence	2080036	823.000	Ft
0050	Project Cleanup	2090001	1.000	LSUM
0055	Subbase, CIP	3010002	350.000	Cyd
0060	_ Aggregate Base, Modified	3027031	700.000	Ton
0065	_ Approach, CI II, Modified	3077031	172.000	Ton
0070	_ Shoulder, CI II, Modified	3077031	65.000	Ton
0075	_ Shoulder, Cobble	3077031	20.000	Ton
0080	_ Geotextile Base Reinforcement	3087011	1,175.000	Syd
0085	Sewer, CI A, 12 inch, Tr Det B	4020033	14.000	Ft
0090	Dr Structure Cover, Type K	4030050	1.000	Ea
0095	Dr Structure, 24 inch dia	4030200	1.000	Ea
0100	HMA Approach	5010061	20.000	Ton
0105	HMA, 3EL	5012012	177.000	Ton
0110	HMA, 5EL	5012036	115.000	Ton
0115	Curb and Gutter, Bridge Approach, Det 5	8022016	42.000	Ft
0120	Curb and Gutter, Bridge Approach, Det 6	8022017	156.000	Ft
0125	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0130	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0135	Guardrail Reflector	8070080	29.000	Ea
0140	Post, Mailbox	8070095	1.000	Ea

0145	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
0150	Guardrail Anch, Bridge, Det M1, Curved	8072036	1.000	Ea
0155	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	25.000	Ft
0160	Guardrail, Type MGS-8, 72 inch Post	8072179	38.000	Ft
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	215.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	215.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	_ Cobble Spillway	8137011	59.000	Syd
0210	Slope Restoration, Non-Freeway, Type B	8162002	915.000	Syd
0215	Slope Restoration, Non-Freeway, Type C	8162003	1,041.000	Syd

Section: 2

0220	Structures, Rem Portions (Structure 10117)	2040061	1.000	LSUM
0225	Excavation, Fdn	2060010	106.000	Cyd
0230	_ Backfill, Structure, Modified	2067021	61.000	Cyd
0235	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0240	Bridge Ltg, Oper and Maintain	7060002	75.000	Cyd
0245	Expansion Joint Device	7060050	36.000	Ft
0250	False Decking	7060060	2,976.000	Sft
0255	Reinforcement, Steel, Epoxy Coated	7060092	18,130.000	Lb
0260	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0265	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0270	Sealing Localized Cracks (SN 10117)	7060220	1.000	LSUM
0275	_ Substructure Conc, Modified	7067021	4.000	Cyd
0280	_ Superstructure Conc, Modified	7067021	16.000	Cyd
0285	_ Superstructure Conc, Night Casting Modified	7067021	75.000	Cyd
0290	_ Structure Name Plate	7067050	1.000	Ea
0295	Shear Developers	7070040	1.000	LSUM
0300	Joint Waterproofing	7100001	114.000	Sft
0305	Joint Waterproofing, Expansion	7100003	152.000	Sft
0310	Bridge Railing, 2 Tube	7110008	138.000	Ft
0315	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	88.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 032

Letting Date: March 3, 2023

Contract ID: 41000-205701

Description: 0.45 mi of hot mix asphalt surfacing, curb ramp and pavement markings on Buttrick Avenue from Grand River Drive northwesterly to Thornapple River Drive, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205701A	23A0233	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$27,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	100.000	Ft
0015	Pavt, Rem	2040050	100.000	Syd
0020	Sidewalk, Rem	2040055	100.000	Syd
0025	_ Aggregate Base Grading	2057002	20.000	Sta
0030	_ Project Cleanup, Modified	2097051	1.000	LSUM
0035	_ Aggregate Base, Modified	3027031	100.000	Ton
0040	Approach, CI III, CIP	3070042	75.000	Cyd
0045	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0050	Dr Structure, Temp Lowering	4030390	6.000	Ea
0055	_ Manhole Channel Protection	4037050	6.000	Ea
0060	Cold Milling HMA Surface	5010002	300.000	Syd
0065	HMA Surface, Rem	5010005	7,506.000	Syd
0070	HMA Approach	5010061	50.000	Ton
0075	HMA, 3EML	5012013	1,044.000	Ton
0080	HMA, 5EML	5012037	783.000	Ton
0085	_ HMA Spillway	5017001	50.000	Ft
0090	Curb and Gutter, Conc, Det F4	8020038	100.000	Ft
0095	Detectable Warning Surface	8030010	50.000	Ft
0100	Curb Ramp Opening, Conc	8030030	50.000	Ft
0105	Curb Ramp, Conc, 6 inch	8032002	250.000	Sft
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,000.000	Ft
0115	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,000.000	Ft
0120	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	25.000	Ft
0125	_ Pavt Mrkg, Waterborne, Crosswalk, 12 inch	8117001	250.000	Ft
0130	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	2.000	Ea
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0145	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	50.000	Ft
0160	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	262.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	262.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	_ Roadside Seeding	8167011	100.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 230303 033

Letting Date: March 3, 2023

Contract ID: 09000-214491

Description: 3.97 mi of hot mix asphalt cold milling, cold-in-place recycling and resurfacing, drainage, signing and pavement markings on Garfield Road from Erikson Road north to Townline 16 Road and from Townline 16 north to Pinconning Road, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214491A	22A0922	N/A	STL 09000
216489A	23A0097	N/A	STL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$203,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0020	Culv, Rem, Over 48 inch	2030003	1.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	39.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	9.000	Ea
0035	Culv, End, Rem, Over 48 inch	2030007	2.000	Ea
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	200.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0060	Erosion Control, Sediment Trap	2080034	8.000	Ea
0065	Erosion Control, Silt Fence	2080036	200.000	Ft
0070	Subbase, CIP	3010002	10.000	Cyd
0075	_ Aggregate Base, Modified	3027031	7.000	Ton
0080	_ HMA Millings, Delivery	3057021	450.000	Cyd
0085	Aggregate Surface Cse	3060006	20.000	Ton
0090	Maintenance Gravel	3060020	200.000	Ton
0095	_ Trenching, Modified	3077002	1.000	Sta
0100	_ Approach, CI I, Modified	3077031	15.000	Ton
0105	_ Approach, CI II, Modified	3077031	146.000	Ton
0110	_ Shld, CI II, Modified	3077031	2,195.000	Ton
0115	Culv End Sect, Metal, 12 inch	4010094	38.000	Ea
0120	Culv, CI A, 12 inch	4010131	84.000	Ft
0125	Culv, CI A, 36 inch	4010136	109.000	Ft
0130	Culv, CI F, 12 inch	4010607	24.000	Ft

0135	Culv, CI F, Conc, 12 inch	4010641	212.000	Ft
0140	Culv, CI F, Conc, 15 inch	4010642	192.000	Ft
0145	Culv, CI F, Conc, 36 inch	4010646	16.000	Ft
0150	Culv, CI F, Conc, 48 inch	4010648	50.000	Ft
0155	Culv, CI F, CSP, 12 inch	4010675	287.000	Ft
0160	Culv, CI F, CSP, 15 inch	4010676	50.000	Ft
0165	Culv, CI F, CSP, 18 inch	4010677	50.000	Ft
0170	Culv, CI F, CSP, 36 inch	4010680	60.000	Ft
0175	Culv, CI F, CSP, 48 inch	4010682	50.000	Ft
0180	Culv, CSP Arch, CI F, 63 inch by 43 inch	4010776	30.000	Ft
0185	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	20.000	Ea
0190	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0195	Culv, Slp End Sect, 1 on 4, 36 inch, Longit	4010929	7.000	Ea
0200	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	1.000	Ea
0205	Culv, Slp End Sect, 1 on 4, 48 inch, Longit	4010933	4.000	Ea
0210	Culv, Slp End Sect, Arch Pipe, 1 on 4, 64 inch by 43 inch, Longit	4010995	2.000	Ea
0215	_ Culv, CSP Arch, CI A, 103 inch by 71 inch, Modified	4017001	63.000	Ft
0220	_ Sump Pump Lead and Drain Tile Connection	4017001	50.000	Ft
0225	Dr Structure, 84 inch dia	4030231	1.000	Ea
0230	_ Dr Structure Cover, Type DG	4037050	1.000	Ea
0235	HMA Surface, Rem	5010005	425.000	Syd
0240	HMA Approach	5010061	220.000	Ton
0245	HMA, 4EL	5012024	5,079.000	Ton
0250	HMA, 5EL	5012036	5,079.000	Ton
0255	_ Cold in Place, Recycling	5017011	55,965.000	Syd
0260	_ Cold Milling HMA Surface, Modified	5017011	58,359.000	Syd
0265	_ Asphalt Emulsion, Engineered	5017031	350.000	Ton
0270	Post, Mailbox	8070095	55.000	Ea
0275	Post, Steel, 3 pound	8100371	300.000	Ft
0280	Sign, Type III, Rem	8100403	16.000	Ea
0285	Sign, Type IIIA	8100404	54.000	Sft
0290	Sign, Type IIIB	8100405	24.000	Sft
0295	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
0300	Pavt Mrkg, Waterborne, 4 inch, White	8110231	41,974.000	Ft
0305	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,247.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	41,974.000	Ft
0315	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	5,247.000	Ft
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0335	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0345	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch,	8120236	1,680.000	Ft

	Yellow, Temp			
0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,680.000	Ft
0355	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0365	Sign Cover	8120310	56.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	481.000	Sft
0375	Sign, Type B, Temp, Prismatic, Oper	8120351	481.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	210.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	210.000	Sft
0390	Traf Regulator Control	8120370	1.000	LSUM
0395	Riprap, Plain	8130010	40.000	Syd
0400	_ Slope Restoration, Type B, Modified	8167011	700.000	Syd
0405	_ Slope Restoration, Type C, Modified	8167011	2,050.000	Syd
0410	_ Slope Restoration, Type D, Modified	8167011	2,050.000	Syd
0415	Monument Box	8210001	8.000	Ea
0420	Monument Preservation	8210010	8.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 034

Letting Date: March 3, 2023

Contract ID: 80000-209852

Description: Bridge rehabilitation including hot mix asphalt wearing surface, repair concrete spillway and approach work on 2nd Street (Second Street) over the south branch of the Black River in the city of Bangor, Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209852A	N/A	N/A	MCS 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$35,000.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	25.000	Syd
0015	_ Guardrail, Rem and Reinstall	2047001	150.000	Ft
0020	_ Timber Retaining Wall, Rem	2047050	1.000	Ea
0025	Excavation, Earth	2050016	20.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0035	Erosion Control, Silt Fence	2080036	25.000	Ft
0040	Erosion Control, Turbidity Curtain, Shallow	2080044	50.000	Ft
0045	Subbase, CIP	3010002	15.000	Cyd
0050	Aggregate Base, 8 inch	3020020	30.000	Syd
0055	Aggregate Base, Conditioning	3020050	120.000	Syd
0060	Maintenance Gravel	3060020	25.000	Ton
0065	HMA Surface, Rem	5010005	150.000	Syd
0070	HMA, 13A	5010033	50.000	Ton
0075	_ HMA Surface, Rem, Mod	5017011	130.000	Syd
0080	_ Sidewalk, Conc, 12 inch	8037010	225.000	Sft
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0095	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0100	Minor Traf Devices	8120170	1.000	LSUM
0105	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0115	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0120	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0125	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	25.000	Sft
0130	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	25.000	Sft

0135	Riprap, Heavy	8130006	15.000	Ton
0140	Riprap, Plain	8130011	5.000	Ton
0145	Mulch Blanket	8160027	50.000	Syd
0150	_ Turf Restoration	8167011	50.000	Syd

Section: 2

0155	False Decking	7060060	1,582.000	Sft
0160	Membrane, Preformed Waterproofing	7100008	1,180.000	Sft
0165	_ Silane Treatment	7107010	1,800.000	Sft
0170	Hand Chipping, Other Than Deck	7120007	1.000	Cft
0175	Patch, Forming	7120017	1.000	Sft
0180	Structures, Rehabilitation, Rem Portions (SN 10799)	7120070	1.000	LSUM
0185	_ Grout Repair	7127001	300.000	Ft
0190	_ Box Beam Surface Grouting	7127010	600.000	Sft
0195	_ Patching Conc, M, Mod	7127020	1.000	Cft
0200	_ Footing Grout	7127021	20.000	Cyd
0205	_ Spillway Grout	7127021	100.000	Cyd
0210	_ Footing Undermining Repair	7127051	1.000	LSUM
0215	_ Spillway Undermining Repair	7127051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230303 035

Letting Date: March 3, 2023

Contract ID: 82000-215684

Description: 1.35 mi of hot mix asphalt cold milling and resurfacing, joint and crack repair, signing and pavement markings on Huron River Drive from Pennsylvania Road northerly to north of Eureka Road in the city of Romulus, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215684A	23A0146	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Permit Fees	1047060	7,000.000	Dlr
0010	Mobilization, Max \$91,700.00	1100001	1.000	LSUM
0015	_ Misc Obstruction, Rem	2047021	2.000	Cyd
0020	Ditch Cleanout	2050006	10.000	Sta
0025	Machine Grading	2050030	39.000	Sta
0030	_ Culvert Cleanout	2057001	200.000	Ft
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0040	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	4.000	Ea
0045	Aggregate Base, 9 inch	3020022	54.000	Syd
0050	Shld, CI III, 3 inch	3070145	1,300.000	Syd
0055	Dr Structure Cover, Adj, Case 1	4030005	7.000	Ea
0060	Pavt, Cleaning	5010001	1.000	LSUM
0065	Cold Milling HMA Surface	5010002	24,134.000	Syd
0070	Pavt Joint and Crack Repr, Det 7	5010020	4,000.000	Ft
0075	Pavt Joint and Crack Repr, Det 8	5010021	2,500.000	Ft
0080	Hand Patching	5010025	514.000	Ton
0085	HMA, 5EMH	5012038	2,921.000	Ton
0090	Post, Steel, 3 pound	8100371	366.000	Ft
0095	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0100	Sign, Type III, Rem	8100403	31.000	Ea
0105	Sign, Type IIIA	8100404	104.000	Sft
0110	Sign, Type IIIB	8100405	88.000	Sft
0115	Sign, Type III, Rem, Salv	8102003	4.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	32.000	Ft
0125	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	14,000.000	Ft
0130	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	3,524.000	Ft

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,339.000	Ft
0175	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,339.000	Ft
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,339.000	Ft
0185	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,339.000	Ft
0190	Plastic Drum, Fluorescent, Furn	8120252	16.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	16.000	Ea
0200	Sign Cover	8120310	4.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	915.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	915.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	54.000	Sft
0220	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	54.000	Sft
0225	Traf Regulator Control	8120370	1.000	LSUM
0230	_ Turf Establishment, Performance	8167011	954.000	Syd
0235	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0240	Gate Box, Adj, Case 1	8230431	3.000	Ea
0245	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea
0250	_ Sprinkler Line	8507001	100.000	Ft
0255	_ Sprinkler Head, Replace	8507050	20.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 036**Letting Date:** March 3, 2023**Contract ID:** 78000-211868

Description: 2.02 mi of hot mix asphalt cold milling and resurfacing, trench widening for paved shoulder, tree removal and pavement markings on Lutz Road from Fairchild Road to the Prairie River, St. Joseph County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211868A	23A0223	N/A	HSIP 78000
215707A	23A0230	N/A	STUL 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, At Grade Crossing, Grand Elk Railroad	1027060	5,000.000	Dlr
0010	Mobilization, Max \$104,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.220	Acre
0020	Tree, Rem, 19 inch to 36 inch	2020002	55.000	Ea
0025	Tree, Rem, 37 inch or Larger	2020003	12.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0035	Stump, Rem, 19 inch to 36 inch	2020006	55.000	Ea
0040	Stump, Rem, 37 inch or Larger	2020007	12.000	Ea
0045	Stump, Rem, 6 inch to 18 inch	2020008	7.000	Ea
0050	Guardrail, Rem	2040035	876.000	Ft
0055	Pavt, Rem	2040050	57.000	Syd
0060	Embankment, CIP	2050010	1,560.000	Cyd
0065	Excavation, Earth	2050016	410.000	Cyd
0070	Erosion Control, Silt Fence	2080036	3,700.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Shld, CI I	3070101	3,460.000	Ton
0085	Shld, CI II	3070121	1,200.000	Ton
0090	Trenching	3070200	205.000	Sta
0095	Cold Milling HMA Surface	5010002	29,224.000	Syd
0100	HMA Approach	5010061	25.000	Ton
0105	HMA, 4EML	5012025	4,850.000	Ton
0110	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8007001	72.000	Ft
0115	_ Pavt Mrkg, Waterborne, Railroad Sym	8007050	2.000	Ea
0120	Guardrail Approach Terminal, Type 2M	8070044	12.000	Ea
0125	Post, Mailbox	8070095	9.000	Ea
0130	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	3,800.000	Ft

0135	Guardrail, Type MGS-8, 108 inch Post	8072180	50.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,332.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,592.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	11.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	11.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	107.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	107.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Sign Cover	8120310	35.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	547.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	547.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	42.000	Sft
0195	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	42.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	428.000	Ft
0210	Slope Restoration, Non-Freeway, Type A	8162001	5,000.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 230303 037

Letting Date: March 3, 2023

Contract ID: 63051-210934-2

Description: 0.53 mi of concrete shared-use path, curb, gutter, sidewalk and ramps, storm drain and pavement markings on Woodward Avenue from Sylvan Avenue to Main Street and Main Street from Woodward Avenue to I-696 Service Drive in the city of Pleasant Ridge, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210934A	22A0483	N/A	TAU 63051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Record of Construction Area	1027051	1.000	LSUM
0010	Mobilization, Max \$164,800.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	13.000	Ea
0020	Dr Structure, Rem	2030011	9.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	102.000	Ft
0030	Curb and Gutter, Rem	2040020	1,464.000	Ft
0035	Pavt, Rem	2040050	3,079.000	Syd
0040	Sidewalk, Rem	2040055	1,730.000	Syd
0045	_ Station Grading	2057002	21.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0055	Project Cleanup	2090001	1.000	LSUM
0060	Aggregate Base, 4 inch	3020010	600.000	Syd
0065	Driveway Maintenance, Commercial	3062000	2.000	Ea
0070	Intersection Maintenance	3062002	4.000	Ea
0075	Sewer, Cl A, 8 inch, Tr Det B	4020031	219.000	Ft
0080	Sewer, Cl E, 12 inch, Tr Det B	4020600	194.000	Ft
0085	Sewer Tap, 12 inch	4021204	12.000	Ea
0090	_ Sewer, PVC, Sch. 40, 4 inch	4027001	126.000	Ft
0095	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0100	Dr Structure, 48 inch dia	4030210	13.000	Ea
0105	Dr Structure, 60 inch dia	4030220	1.000	Ea
0110	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0115	_ Dr Structure Cover, Storm	4037050	13.000	Ea
0120	HMA Surface, Rem	5010005	2,073.000	Syd
0125	Conc Pavt, Nonreinf, 9 inch	6020106	258.000	Syd
0130	Joint, Contraction, C3p	6020201	147.000	Ft
0135	Joint, Contraction, Crg	6030020	90.000	Ft

0140	Joint, Expansion, Erg	6030021	108.000	Ft
0145	Lane Tie, Epoxy Anchored	6030030	80.000	Ea
0150	Pavt Repr, Nonreinf Conc, 11 inch	6030050	107.000	Syd
0155	_ Bench, Rem	8007050	4.000	Ea
0160	_ Bike Rack, Rem	8007050	1.000	Ea
0165	Driveway, Nonreinf Conc, 7 inch	8010006	217.000	Syd
0170	Curb and Gutter, Conc, Det F1	8020035	599.000	Ft
0175	Curb and Gutter, Conc, Det F5	8020039	1,614.000	Ft
0180	Driveway Opening, Conc, Det M	8020050	147.000	Ft
0185	Detectable Warning Surface	8030010	141.000	Ft
0190	Curb Ramp Opening, Conc	8030030	283.000	Ft
0195	Sidewalk, Conc, 4 inch	8030044	10,483.000	Sft
0200	Sidewalk, Clay Brick Pavers, Rem	8030051	9,563.000	Sft
0205	Steps, Conc	8030100	4.000	Cyd
0210	Curb Ramp, Conc, 4 inch	8032001	586.000	Sft
0215	_ Curb Ramp, Conc, 8 inch	8037010	1,211.000	Sft
0220	_ Curb Ramp, Conc, Decorative Colored, 4 inch	8037010	417.000	Sft
0225	_ Curb Ramp, Conc, Decorative Colored, 8 inch	8037010	578.000	Sft
0230	_ Permeable Pavers	8037010	7,132.000	Sft
0235	_ Sidewalk, Clay Brick Pavers, Rem, Modified	8037010	73.000	Sft
0240	_ Sidewalk, Clay Brick Pavers, Salv	8037010	56.000	Sft
0245	_ Sidewalk, Conc, Decorative Colored, 4 inch	8037010	11,150.000	Sft
0250	Band, Sign	8100010	4.000	Ea
0255	Cantilever, Rem	8100090	1.000	Ea
0260	Cantilever, Type E	8100104	1.000	Ea
0265	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	26.000	Ft
0270	Post, Steel, 3 pound	8100371	229.000	Ft
0275	Post, Wood, 4 inch by 6 inch	8100380	56.000	Ft
0280	Sign, Type I, Erect, Salv	8100390	1.000	Ea
0285	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0290	Sign, Type III, Rem	8100403	21.000	Ea
0295	Sign, Type IIIA	8100404	31.000	Sft
0300	Sign, Type IIIB	8100405	236.000	Sft
0305	Sign, Type I, Rem, Salv	8102001	1.000	Ea
0310	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0315	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	692.000	Ft
0320	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	28.000	Ea
0325	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	876.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0335	Pavt Mrkg, Thermopl, 4 inch, White	8110195	425.000	Ft
0340	Pavt Mrkg, Thermopl, 12 inch, White	8110215	188.000	Ft
0345	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0350	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	2.000	Ea
0355	Pavt Mrkg, Polyurea, For On-Street Parking, 4 inch,	8110420	120.000	Ft

	White			
0360	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	28.000	Ea
0365	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	31.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	31.000	Ea
0375	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0380	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0385	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0390	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0395	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	836.000	Ft
0405	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	836.000	Ft
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,300.000	Ft
0415	Plastic Drum, Fluorescent, Furn	8120252	625.000	Ea
0420	Plastic Drum, Fluorescent, Oper	8120253	625.000	Ea
0425	Sign, Type B, Temp, Prismatic, Furn	8120350	337.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	337.000	Sft
0435	Traf Regulator Control	8120370	1.000	LSUM
0440	Site Preparation, Max \$40,000.00	8150001	1.000	LSUM
0445	Watering and Cultivating, First Season, Min \$19,450.00	8150002	1.000	LSUM
0450	Watering and Cultivating, 2nd Season, Min \$24,000.00	8150003	1.000	LSUM
0455	Echinacea purpurea 'Kim's Knee High', #1 cont.	8151274	405.000	Ea
0460	_ Acer rubrum, 2.5 inch	8157050	1.000	Ea
0465	_ Allium 'Purple Rain', 10 cm Bulb	8157050	48.000	Ea
0470	_ Anemone canadensis, #1 cont.	8157050	38.000	Ea
0475	_ Baptista australis, #1 cont.	8157050	21.000	Ea
0480	_ Carex pensylvanica, #1 cont.	8157050	143.000	Ea
0485	_ Cornus sericea 'Arctic Fire', #3 cont.	8157050	27.000	Ea
0490	_ Gleditsia triacanthos inermis 'Skyline', 2.5 inch	8157050	26.000	Ea
0495	_ Hemerocallis 'Stella D'oro', #1 cont.	8157050	205.000	Ea
0500	_ Ligularia 'Bottle Rocket', #1 cont.	8157050	29.000	Ea
0505	_ Liriope muscari 'Variegata', #1 cont.	8157050	1,505.000	Ea
0510	_ Nepeta racemosa 'Walkers Low', #1 cont.	8157050	187.000	Ea
0515	_ Persicaria amplexicaulis 'Taurus', #1 cont.	8157050	47.000	Ea
0520	_ Physocarpus opulifolius 'Little Devil', #3 cont.	8157050	111.000	Ea
0525	_ Rosa 'Drift Pink', #2 cont.	8157050	76.000	Ea
0530	_ Rudbeckia fulgida 'Little Goldstar', #1 cont.	8157050	85.000	Ea
0535	_ Salvia nemerosa 'Pink Profusion', #1 cont.	8157050	187.000	Ea
0540	_ Sedum 'Red Cauli', #1 cont.	8157050	266.000	Ea
0545	Sodding	8160055	795.000	Syd
0550	Topsoil Surface, Furn, 3 inch	8160061	795.000	Syd
0555	Water, Sodding/Seeding	8160090	25.000	Unit
0560	Weed Control	8160095	1.000	Acre

0565	_ Landscape Edging, Steel	8167001	124.000	Ft
0570	_ Hardwood Mulch, Furn, 4 inch	8167011	1,125.000	Syd
0575	_ Prepared Soil	8167021	560.000	Cyd
0580	TS, Span Wire Mtd, Rem	8200182	1.000	Ea
0585	TS Face, Bag	8200458	8.000	Ea
0590	TS Face, Bag, Rem	8200459	8.000	Ea
0595	Hydrant, Relocate, Case 2	8230096	1.000	Ea
0600	Water Main, DI, 6 inch, Tr Det G	8230151	12.000	Ft
0605	Gate Box, Adj, Case 1	8230431	3.000	Ea
0610	_ Water Main, Copper, Type K, 1/2 inch	8237001	9.000	Ft
0615	_ Gate Well Cover, Adj, Case 1	8237050	9.000	Ea
0620	_ Gate Well Cover, Adj, Case 2	8237050	2.000	Ea
0625	_ Live Tap, 12 inch by 1/2 inch	8237050	1.000	Ea
0630	_ Bench	8507050	4.000	Ea
0635	_ Bike Fix-It Station	8507050	1.000	Ea
0640	_ Bike Rack	8507050	2.000	Ea
0645	_ Bottle Filling Station	8507050	1.000	Ea
0650	_ Leaning Rail, 4 Foot	8507050	1.000	Ea
0655	_ Leaning Rail, 6 Foot	8507050	1.000	Ea
0660	_ Trash Receptacle	8507050	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 038

Letting Date: March 3, 2023

Contract ID: 52000-208257

Description: 0.83 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter, sidewalk and ramps and pavement markings on West Arch Street from North Teal Lake Avenue to Negaunee High School, Iron Street from Silver Street to North Pioneer Avenue, and East Lincoln Street from North Pioneer Avenue to South Healy Avenue in the city of Negaunee, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208257A	23A0221	N/A	STUL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$50,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	270.000	Ft
0015	Sidewalk, Rem	2040055	235.000	Syd
0020	Dr Structure Cover, Adj, Case 1	4030005	18.000	Ea
0025	_ Accessible Dr Structure Cover	4037050	4.000	Ea
0030	Cold Milling HMA Surface	5010002	12,570.000	Syd
0035	HMA Surface, Rem	5010005	100.000	Syd
0040	Hand Patching	5010025	10.000	Ton
0045	HMA Approach	5010061	100.000	Ton
0050	HMA, 5EL	5012036	1,450.000	Ton
0055	Curb and Gutter, Conc, Det C4	8020023	132.000	Ft
0060	Curb Ramp Opening, Conc	8030030	140.000	Ft
0065	_ Detectable Warning Surface, Modified	8037001	140.000	Ft
0070	_ Sidewalk, Conc, 6 inch, Modified	8037010	2,055.000	Sft
0075	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,850.000	Ft
0080	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	220.000	Ft
0085	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	2.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	200.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,710.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	200.000	Ft
0105	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,710.000	Ft
0110	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0115	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0120	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0125	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	580.000	Ft
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	32.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	40.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	40.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	_ Slope Restoration, Modified	8167011	500.000	Syd
0200	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0205	Contractor Staking	8240001	1.000	LSUM
0210	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 230303 039

Letting Date: March 3, 2023

Contract ID: 63000-210732

Description: 2.06 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, drainage, LED enhanced crosswalk signs and pavement markings on 9 Mile Road from Cloverlawn Street to Pinecrest Drive in the city of Ferndale, Oakland County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210732A	23A0182	N/A	STU 63000
212901A	23A0213	N/A	STU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	2,000.000	Dlr
0010	Mobilization, Max \$333,500.00	1100001	1.000	LSUM
0015	Pavt, Rem	2040050	168.000	Syd
0020	Sidewalk, Rem	2040055	329.000	Syd
0025	_ Curb and Gutter, Rem, Modified	2047001	1,203.000	Ft
0030	Embankment, CIP	2050010	30.000	Cyd
0035	Excavation, Earth	2050016	277.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0050	_ Exploratory Excavation	2057050	5.000	Ea
0055	_ Erosion Control, WRC Inlet Filter, Install	2087050	101.000	Ea
0060	_ Erosion Control, WRC Inlet Filter, Rem	2087050	100.000	Ea
0065	Aggregate Base	3020001	75.000	Ton
0070	Aggregate Base, LM	3020002	68.000	Cyd
0075	Aggregate Base, 4 inch	3020010	541.000	Syd
0080	Aggregate Base, 6 inch	3020016	81.000	Syd
0085	Sewer, CI IV, 12 inch, Tr Det B	4020987	28.000	Ft
0090	Sewer Tap, 12 inch	4021204	2.000	Ea
0095	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0100	Dr Structure, 24 inch dia	4030200	2.000	Ea
0105	Dr Structure, 48 inch dia	4030210	2.000	Ea
0110	Dr Structure, Adj, Add Depth	4030280	25.000	Ft
0115	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0120	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	79.000	Ea
0125	_ Dr Structure Cover, Type B, Modified	4037050	13.000	Ea
0130	_ Dr Structure Cover, Type D, Modified	4037050	23.000	Ea

0135	_ Dr Structure Cover, Type G, Modified	4037050	4.000	Ea
0140	_ Dr Structure, Temp Lowering, Modified	4037050	58.000	Ea
0145	_ Manhole Wrapping	4037050	10.000	Ea
0150	Pavt, Cleaning	5010001	1.000	LSUM
0155	HMA Surface, Rem	5010005	1,233.000	Syd
0160	Pavt Joint and Crack Repr, Det 7	5010020	9,300.000	Ft
0165	Pavt Joint and Crack Repr, Det 8	5010021	1,000.000	Ft
0170	Hand Patching	5010025	877.000	Ton
0175	HMA Approach	5010061	946.000	Ton
0180	HMA, 4EML	5012025	5,889.000	Ton
0185	_ HMA Construction Joint, Temp	5017001	1,208.000	Ft
0190	_ Cold Milling HMA Surface, Oak Park	5017011	41,915.000	Syd
0195	_ HMA Surface, Rem, Time Restricted	5017011	17,113.000	Syd
0200	_ HMA, 5EML, Modified	5017031	4,691.000	Ton
0205	Joint, Contraction, Cp	6020200	363.000	Ft
0210	_ Conc Base, Grade 3500, Modified	6027001	102.000	Ft
0215	Crack Sealing, Conc Pavt	6030010	2,300.000	Ft
0220	Cold Milling Conc Pavt	6030014	3,434.000	Syd
0225	Lane Tie, Epoxy Anchored	6030030	435.000	Ea
0230	Pavt Repr, Nonreinf Conc, 8 inch	6030044	1,350.000	Syd
0235	Pavt Repr, Rem	6030080	1,350.000	Syd
0240	_ Pavt Repr, with or without Curb, Nonreinf Conc, 9 inch	6037011	857.000	Syd
0245	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	83.000	Syd
0250	Curb and Gutter, Conc, Det F4	8020038	543.000	Ft
0255	_ Curb and Gutter, Conc, Det F3, Modified	8027001	477.000	Ft
0260	_ Curb and Gutter, Conc, Det F3, Modified, Type II	8027001	149.000	Ft
0265	_ Curb and Gutter, Outlet	8027001	28.000	Ft
0270	Sidewalk, Conc, 4 inch	8030044	1,791.000	Sft
0275	Sidewalk, Conc, 6 inch	8030046	25.000	Sft
0280	Curb Ramp, Conc, 6 inch	8032002	1,912.000	Sft
0285	_ Detectable Warning Surface, Modified	8037001	185.000	Ft
0290	_ Concrete Parking Rail	8037050	185.000	Ea
0295	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
0300	Post, Steel, 3 pound	8100371	28.000	Ft
0305	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0310	Sign, Type III, Rem	8100403	21.000	Ea
0315	Sign, Type IIIB	8100405	3.000	Sft
0320	Ground Mtd Sign Support, Rem	8102010	11.000	Ea
0325	_ Post, Flexible Delineator, Modified	8107050	297.000	Ea
0330	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,967.000	Ft
0335	Pavt Mrkg, Polyurea, Bike, Large Sym	8110104	6.000	Ea
0340	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	57.000	Ea
0345	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	621.000	Ft
0350	Pavt Mrkg, Polyurea, 12 inch, White	8110111	148.000	Ft

0355	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	25.000	Ft
0360	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	640.000	Ft
0365	Pavt Mrkg, Polyurea, Sharrow Sym	8110115	10.000	Ea
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	14,281.000	Ft
0375	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	25,261.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	13,595.000	Ft
0385	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,952.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,952.000	Ft
0395	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	4,548.000	Ft
0400	Rem Curing Compound, for Spec Mrkg	8110321	573.000	Sft
0405	Rem Spec Mrkg	8110343	468.000	Sft
0410	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	18.000	Ea
0415	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0420	Pavt Mrkg, Polyurea, School	8110414	8.000	Ea
0425	Recessing Pavt Mrkg, Longit	8110450	43,383.000	Ft
0430	Recessing Pavt Mrkg, Transv	8110451	17,273.000	Sft
0435	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	53.000	Ea
0440	Pavt Mrkg, Polyurea, Bike Lt Turn Arrow Sym	8112171	3.000	Ea
0445	Pavt Mrkg, Polyurea, Bike Rt Turn Arrow Sym	8112172	1.000	Ea
0450	_ Pavt Mrkg, Thermopl, 6 inch, Cross Hatch, White	8117001	3,862.000	Ft
0455	_ Pavt Mrkg, Polymer Cement Surfacing, Brick Red	8117010	5,186.000	Sft
0460	_ Pavt Mrkg, Polymer Cement Surfacing, Green	8117010	10,040.000	Sft
0465	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
0475	Pedestrian Type II Barricade, Temp	8120026	65.000	Ea
0480	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,145.000	Ea
0485	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,145.000	Ea
0490	Minor Traf Devices	8120170	1.000	LSUM
0495	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	12,062.000	Ft
0500	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	10,306.000	Ft
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,026.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	18,362.000	Ft
0515	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0520	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea
0525	Sign Cover	8120310	47.000	Ea
0530	Sign, Type B, Temp, Prismatic, Furn	8120350	4,003.000	Sft
0535	Sign, Type B, Temp, Prismatic, Oper	8120351	4,003.000	Sft
0540	_ Traf Regulator Control, Ferndale	8127051	1.000	LSUM
0545	_ Traf Regulator Control, Oak Park	8127051	1.000	LSUM
0550	Site Preparation, Max \$12,100.00	8150001	1.000	LSUM
0555	Watering and Cultivating, First Season, Min \$5,900.00	8150002	1.000	LSUM

0560	Watering and Cultivating, 2nd Season, Min \$7,200.00	8150003	1.000	LSUM
0565	_ Layered Bioretention Soil Mix	8157021	71.000	Cyd
0570	_ Asclepias Tuberosa 'Hello Yellow', Plug	8157050	1,282.000	Ea
0575	_ Euonymus alatus 'Little Moses', 18 Inch	8157050	48.000	Ea
0580	_ Iris Versicolor, Plug	8157050	249.000	Ea
0585	_ Pennisetum alopecuroides 'Burgandy Bunny', 8 Inch	8157050	220.000	Ea
0590	Water, Sodding/Seeding	8160090	2.000	Unit
0595	_ Steel Edging, 4 inch by 3/16 inch, Black	8167001	839.000	Ft
0600	_ Hydroseeding	8167011	1,289.000	Syd
0605	_ Landscape Fabric	8167011	423.000	Syd
0610	_ Planting Mix, Furn, 12 inch	8167011	36.000	Syd
0615	_ Topsoil Surface, Furn, 2 inch, Modified	8167011	269.000	Syd
0620	_ Decorative Gravel, Furn, 5-12 inch	8167021	46.000	Cyd
0625	_ Shredded Bark Mulch	8167021	29.000	Cyd
0630	Conduit, DB, 1, 1 1/4 inch	8182047	80.000	Ft
0635	Conduit, DB, 1, 3 inch	8182050	80.000	Ft
0640	Pedestal, Alum	8200100	4.000	Ea
0645	Pedestal, Fdn	8200105	4.000	Ea
0650	Pushbutton and Sign	8200121	3.000	Ea
0655	Pushbutton, Rem	8200122	3.000	Ea
0660	Traf Loop	8200170	4.000	Ea
0665	TS, Mast Arm Mtd, Rem	8200177	4.000	Ea
0670	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0675	TS, One Way Mast Arm Mtd, Salv	8200251	4.000	Ea
0680	TS, One Way Bracket Arm Mtd (LED)	8200333	4.000	Ea
0685	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0690	TS, One Way Pedestal Mtd (LED)	8200340	4.000	Ea
0695	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0700	Case Sign, Non-Illuminated, Salv	8200431	6.000	Ea
0705	Case Sign, Non-Illuminated, Rem	8200432	6.000	Ea
0710	Hemispherical Video Detection Camera	8200444	2.000	Ea
0715	Hemispherical Video Detection System	8200445	2.000	Ea
0720	_ Pushbutton Support Post, Rem, RCOC	8207050	3.000	Ea
0725	Monument Box Adj	8210005	3.000	Ea
0730	Monument Preservation	8210010	2.000	Ea
0735	Protect Corners	8210020	1.000	Ea
0740	Gate Box, Adj, Temp, Case 1	8230391	1.000	Ea
0745	Gate Box, Adj, Case 2	8230432	1.000	Ea
0750	_ LED Crosswalk Signal, Solar Powered	8507050	2.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 040**Letting Date:** March 3, 2023**Contract ID:** 38000-210343-2

Description: 0.53 mi of hot mix asphalt reconstruction of a roundabout, concrete curb and gutter, storm sewer, signing and pavement markings on Dearing Road at McCain Road and Springport Road at Rives Junction Road, Jackson County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210343A	22A1002	N/A	STL 38000
211855A	22A1051	N/A	HSIP 38000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$127,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0015	Curb and Gutter, Rem	2040020	2,536.000	Ft
0020	Pavt, Rem	2040050	50.000	Syd
0025	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0030	_ Machine Grading, Modified	2057002	31.000	Sta
0035	Erosion Control, Silt Fence	2080036	2,891.000	Ft
0040	Aggregate Base	3020001	450.000	Ton
0045	HMA Base Crushing and Shaping	3050002	8,221.000	Syd
0050	Approach, CI I, 4 inch	3070006	114.000	Syd
0055	Shld, CI II	3070121	269.000	Ton
0060	Geotextile, Stabilization	3080010	5,000.000	Syd
0065	Culv End Sect, Conc, 12 inch	4010047	8.000	Ea
0070	Sewer, CI A, 12 inch, Tr Det A	4020004	477.000	Ft
0075	Dr Structure Cover, Type J	4030045	9.000	Ea
0080	Dr Structure, 24 inch dia	4030200	5.000	Ea
0085	Dr Structure, 48 inch dia	4030210	4.000	Ea
0090	Cold Milling HMA Surface	5010002	3,235.000	Syd
0095	HMA Surface, Rem	5010005	232.000	Syd
0100	Hand Patching	5010025	20.000	Ton
0105	HMA Approach	5010061	35.000	Ton
0110	HMA, 3EL	5012012	1,708.000	Ton
0115	HMA, 5EML, High Stress	5012085	1,346.000	Ton
0120	_ Conc Pavt, Decorative, Nonreinf, 8 inch	6027011	2,088.000	Syd
0125	Curb and Gutter, Conc, Det B2	8020016	2,499.000	Ft
0130	Curb and Gutter, Conc, Det F4	8020038	471.000	Ft

0135	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0140	Spillway, Conc	8020075	24.000	Ft
0145	_ Curb and Gutter, Conc, Det D2, Modified, Central	8027001	689.000	Ft
0150	_ Curb and Gutter, Conc, Det D2, Modified, Splitter	8027001	2,755.000	Ft
0155	Post, Mailbox	8070095	6.000	Ea
0160	Post Hole Through Conc for Steel Post	8100340	42.000	Ea
0165	Post, Steel, 3 pound	8100371	1,176.000	Ft
0170	Sign, Type III, Rem	8100403	51.000	Ea
0175	Sign, Type IIIA	8100404	112.000	Sft
0180	Sign, Type IIIB	8100405	350.000	Sft
0185	Reflective Panel for Permanent Sign Support, 6 foot	8100616	42.000	Ea
0190	_ Flexible Channelization Device	8107050	21.000	Ea
0195	Pavt Mrkg, Polyurea, Yield	8110103	7.000	Ea
0200	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	68.000	Ft
0205	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	386.000	Ft
0210	Rem Spec Mrkg	8110343	100.000	Sft
0215	Recessing Pavt Mrkg, Longit	8110450	15,535.000	Ft
0220	Recessing Pavt Mrkg, Transv	8110451	1,874.000	Sft
0225	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	6,331.000	Ft
0230	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	193.000	Ft
0235	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	90.000	Ft
0240	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	5,518.000	Ft
0245	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	3,397.000	Ft
0250	_ Pavt Mrkg, Polyurea, Special Arrow, Sym	8117050	7.000	Ea
0255	_ Pavt Mrkg, Polyurea, Speed Warning	8117050	7.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0270	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0275	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0285	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0295	Sign, Portable, Changeable Message, Furn	8120330	9.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	9.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	675.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	675.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	451.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	451.000	Sft
0325	Riprap, Plain	8130010	100.000	Syd
0330	_ River Rock, 2 inch	8157021	85.000	Cyd
0335	Slope Restoration, Non-Freeway, Type B	8162002	7,171.000	Syd
0340	Conduit, Schedule 40, 2 inch	8182133	500.000	Ft
0345	Monument Box	8210001	1.000	Ea

0350	Monument Preservation	8210010	1.000	Ea
------	-----------------------	---------	-------	----



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 041**Letting Date:** March 3, 2023**Contract ID:** 25400-120049

Description: Installation of traffic adaptive system with signal upgrades, controller interface and communications at 5 locations on Hill Road from Fenton Road to Saginaw Road, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120049A	23A0252	N/A	CRU 25400

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$83,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	79.000	Ft
0015	Sidewalk, Rem	2040055	44.000	Syd
0020	Exploratory Investigation, Vertical	2040080	50.000	Ft
0025	_ Pavt, Rem, Modified	2047011	19.000	Syd
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Erosion Control, Silt Fence	2080036	20.000	Ft
0045	Subbase, CIP	3010002	9.000	Cyd
0050	_ Aggregate Base, Modified	3027031	21.000	Ton
0055	Hand Patching	5010025	12.000	Ton
0060	Curb and Gutter, Conc, Det F4	8020038	38.000	Ft
0065	Detectable Warning Surface	8030010	35.000	Ft
0070	Curb Ramp Opening, Conc	8030030	42.000	Ft
0075	Curb Ramp, Conc, 4 inch	8032001	307.000	Sft
0080	Curb Ramp, Conc, 6 inch	8032002	248.000	Sft
0085	Fence, Protective	8080007	50.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,536.000	Ft
0095	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,008.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	16.000	Ea
0105	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0110	Rem Spec Mrkg	8110343	1,255.000	Sft
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0125	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea

0135	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,536.000	Ft
0160	Sign, Type A, Temp, Prismatic, Furn	8120340	100.000	Sft
0165	Sign, Type A, Temp, Prismatic, Oper	8120341	100.000	Sft
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	Slope Restoration, Non-Freeway, Type A	8162001	26.000	Syd
0190	Power Company (Estimated Cost to Contractor)	8180001	8,000.000	Dlr
0195	Conduit, Directional Bore, 1, 3 inch	8182035	100.000	Ft
0200	Conduit, DB, 1, 1 1/2 inch	8182048	200.000	Ft
0205	Conduit, DB, 1, 3 inch	8182050	200.000	Ft
0210	Conduit, DB, 3, 3 inch	8182056	200.000	Ft
0215	Conduit, DB, 4, 3 inch	8182059	175.000	Ft
0220	Cable, Sec, 600V, 1, 3/C#6	8182238	400.000	Ft
0225	Hh, Round	8182310	1.000	Ea
0230	Hh, Round, 3 foot dia	8182319	4.000	Ea
0235	Wood Pole, Cl 4, 40 foot	8182351	2.000	Ea
0240	Serv Disconnect	8182366	4.000	Ea
0245	Serv Disconnect, Rem	8182367	4.000	Ea
0250	Wood Pole, Fit Up, TS Cable Pole	8182387	2.000	Ea
0255	Case Sign, Rem	8200020	3.000	Ea
0260	Conduit Repr, Under Pavt	8200027	20.000	Ft
0265	Conduit Repr, Under Sidewalk or Earth	8200028	20.000	Ft
0270	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	2.000	Ea
0275	Controller and Cabinet, Rem	8200030	4.000	Ea
0280	Controller Fdn, Base Mtd	8200045	4.000	Ea
0285	Fdn, Rem	8200065	2.000	Ea
0290	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	5.000	Ea
0295	Pedestal, Fdn	8200105	1.000	Ea
0300	Pedestal Fdn, Rem	8200106	1.000	Ea
0305	Pushbutton and Sign	8200121	24.000	Ea
0310	Pushbutton, Rem	8200122	20.000	Ea
0315	Pushbutton, Pedestal, Alum	8200123	3.000	Ea
0320	Pushbutton, Pedestal, Rem	8200124	3.000	Ea
0325	Span Wire	8200140	16.000	Ea
0330	Span Wire, Rem	8200141	8.000	Ea
0335	Span Wire Tether	8200142	16.000	Ea
0340	Steel Pole, Rem	8200145	1.000	Ea
0345	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
0350	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0355	TS, Pedestrian, Pedestal Mtd, Rem	8200181	7.000	Ea

0360	TS, Span Wire Mtd, Rem	8200182	24.000	Ea
0365	TS, One Way Span Wire Mtd (LED)	8200313	32.000	Ea
0370	TS, One Way Span Wire Mtd, FYA (LED)	8200314	10.000	Ea
0375	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0380	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	7.000	Ea
0385	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea
0390	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0395	TS, Antenna, Rem	8200368	7.000	Ea
0400	Bracket, Truss, with 12 foot Arm	8200376	13.000	Ea
0405	Wireless Vehicle Detection System, Salv	8200424	4.000	Ea
0410	Strain Pole, Steel, 6 bolt, 30 foot	8200460	5.000	Ea
0415	Strain Pole, Steel, 6 bolt, 36 foot	8200461	4.000	Ea
0420	Strain Pole Fdn, 6 Bolt	8200470	108.000	Ft
0425	Casing	8200480	81.000	Ft
0430	Backplate, TS	8200501	54.000	Ea
0435	_ Cellular Modem, TS, Modified	8207050	5.000	Ea
0440	_ Controller Cabinet, Modified	8207050	4.000	Ea
0445	_ Controller, Modified	8207050	4.000	Ea
0450	_ Video Traf Detection Camera, InSync Fire Camera	8207050	20.000	Ea
0455	_ Video Traf Detection System, InSync Pedestrian Module, Delivered	8207050	5.000	Ea
0460	_ Video Traf Detection System, InSyncTraffic Adaptive, Delivered	8207050	5.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 042

Letting Date: March 3, 2023

Contract ID: 81132-211427

Description: 0.04 mi of hot mix asphalt removal and resurfacing, concrete curb and sidewalk repairs and pavement markings on US-12 BR/M-17 over the Huron River in the City of Ypsilanti, Washtenaw County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211427A	23A0283	N/A	ST 81132

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$33,900.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	28.000	Syd
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0020	Project Cleanup	2090001	1.000	LSUM
0025	Dr Structure Cover, Adj, Case 1, Modified	4030004	3.000	Ea
0030	Dr Structure, Temp Lowering	4030390	4.000	Ea
0035	Pavt, Cleaning	5010001	1.000	LSUM
0040	Longit Joint Density Quality Initiative	5010018	950.000	Dlr
0045	HMA Approach	5010061	150.000	Ton
0050	_ HMA Ovly, Rem	5017011	1,341.000	Syd
0055	Sidewalk, Conc, 4 inch	8030044	275.000	Sft
0060	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	100.000	Ft
0065	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	24.000	Ft
0070	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0075	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	20.000	Ft
0080	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	50.000	Ft
0085	Recessing Pavt Mrkg, Longit	8110450	500.000	Ft
0090	Recessing Pavt Mrkg, Transv	8110451	98.000	Sft
0095	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	100.000	Ft
0100	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	400.000	Ft
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0115	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Ltg for Night Work	8120160	1.000	LSUM

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Plastic Drum, Fluorescent, Furn	8120252	62.000	Ea
0145	Plastic Drum, Fluorescent, Oper	8120253	62.000	Ea
0150	Sign Cover	8120310	6.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	970.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	970.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	462.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	462.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	Slope Restoration, Non-Freeway, Type A	8162001	10.000	Syd
0195	Contractor Staking	8240001	1.000	LSUM
0200	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr

Section: 2

0205	Reinforcement, Steel, Epoxy Coated	7060092	500.000	Lb
0210	Hand Chipping, Shallow	7120003	39.000	Syd
0215	Hand Chipping, Other Than Deck	7120007	394.000	Cft
0220	Patch, Forming	7120017	1,052.000	Sft
0225	Patching Conc, C-L	7120112	17.000	Cyd
0230	Embedded Galvanic Anode	7120120	240.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 043**Letting Date:** March 3, 2023**Contract ID:** 81103-211818**Description:** 0.39 mi of installation of high friction surface treatment on US-23 and M-14 Trilevel interchange ramps, Washtenaw County. This project includes a 5 year thin epoxy performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211818A	23A0282	N/A	HSIP 81103

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,100.00	1100001	1.000	LSUM
0010	High Friction Surface Treatment	5060800	14,200.000	Syd
0015	_ High Friction Epoxy Ovly, Warranty	7127011	580.000	Syd
0020	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,655.000	Ft
0025	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,700.000	Ft
0030	Pavt Mrkg, Waterborne, 12 inch, White	8110237	1,000.000	Ft
0035	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0040	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0045	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0050	Ltg for Night Work	8120160	1.000	LSUM
0055	Minor Traf Devices	8120170	1.000	LSUM
0060	Mobile Attenuator	8120180	2.000	Ea
0065	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0070	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0075	Sign Cover	8120310	6.000	Ea
0080	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0085	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0090	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 044**Letting Date:** March 3, 2023**Contract ID:** 47000-213807**Description:** 52.77 lane mi of hot mix asphalt crack sealing on various routes, Livingston and Monroe Counties.
This project includes a 2 year pavement performance warranty.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213807A	23A0305	N/A	ST 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Great Lake Central Railroad	1027060	5,000.000	Dlr
0010	Mobilization, Max \$20,900.00	1100001	1.000	LSUM
0015	HMA Crack Treatment, Lane, Warranty	5020027	52.770	Lnmi
0020	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	130.000	Ea
0025	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	130.000	Ea
0030	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0035	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0040	Minor Traf Devices	8120170	1.000	LSUM
0045	Sign Cover	8120310	6.000	Ea
0050	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0055	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0060	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0065	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft
0070	Traf Regulator Control	8120370	1.000	LSUM



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 045**Letting Date:** March 3, 2023**Contract ID:** 75061-212957**Description:** 98.88 mi of delineator installation on M-28 from the Alger/Schoolcraft County line eastward to M-129, Chippewa, Luce, and Schoolcraft Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212957A	23A0289	N/A	HSIP 75061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,400.00	1100001	1.000	LSUM
0010	Delineator Reflector, White	8100134	5,352.000	Ea
0015	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	828.000	Ea
0020	Delineator, Rem	8100349	200.000	Ea
0025	Post, Flexible, Delineator	8100360	414.000	Ea
0030	Post, Rigid, Delineator	8100361	2,676.000	Ea
0035	Minor Traf Devices	8120170	1.000	LSUM
0040	Mobile Attenuator	8120180	1.000	Ea
0045	Contractor Staking	8240001	1.000	LSUM
0050	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 046**Letting Date:** March 3, 2023**Contract ID:** 30062-202656**Description:** 47.51 mi of non-freeway signing upgrades on US-12 from the west Hillsdale County line to the north Lenawee County line, Lenawee and Hillsdale Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202656A	23A0286	N/A	NHG 30062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$85,500.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	72.000	Ea
0015	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	1,108.000	Ea
0020	Fdn, Wood Support, Rem	8100280	216.000	Ea
0025	Installing MDOT Supplied Sign, Type III	8100302	167.000	Ea
0030	Perforated Steel Square Tube Breakaway System	8100330	1.000	Ea
0035	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
0040	Post Hole Through Conc for Steel Post	8100340	28.000	Ea
0045	Post Hole Through Conc for Wood Post	8100341	3.000	Ea
0050	Post, Flexible, Delineator	8100360	554.000	Ea
0055	Post, Steel, 3 pound	8100371	29,186.000	Ft
0060	Post, Wood, 4 inch by 6 inch	8100380	4,475.000	Ft
0065	Post, Wood, 6 inch by 8 inch	8100382	1,406.000	Ft
0070	Sign, Type I, Rem	8100391	5.000	Ea
0075	Sign, Type IA	8100392	134.000	Sft
0080	Sign, Type II, Erect, Salv	8100396	9.000	Ea
0085	Sign, Type II, Rem	8100397	315.000	Ea
0090	Sign, Type IIA	8100398	2,148.000	Sft
0095	Sign, Type IIB	8100399	989.000	Sft
0100	Sign, Type III, Erect, Salv	8100402	163.000	Ea
0105	Sign, Type III, Rem	8100403	1,490.000	Ea
0110	Sign, Type IIIA	8100404	2,021.000	Sft
0115	Sign, Type IIIB	8100405	6,026.000	Sft
0120	Sign, Type V, Rem	8100421	39.000	Ea
0125	Sign, Type VA	8100424	176.000	Sft
0130	Sign, Type VB	8100425	1,488.000	Sft
0135	Reflective Panel for Permanent Sign Support, 3 foot	8100613	22.000	Ea

0140	Reflective Panel for Permanent Sign Support, 6 foot	8100616	713.000	Ea
0145	Sign, Type II, Rem, Salv	8102002	9.000	Ea
0150	Sign, Type III, Rem, Salv	8102003	163.000	Ea
0155	Ground Mtd Sign Support, Rem	8102010	2,164.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Plastic Drum, Fluorescent, Furn	8120252	24.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	24.000	Ea
0195	Sign Cover	8120310	10.000	Ea
0200	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0205	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0210	Sign, Type B, Temp, Prismatic, Furn	8120350	775.000	Sft
0215	Sign, Type B, Temp, Prismatic, Oper	8120351	775.000	Sft
0220	Traf Regulator Control	8120370	1.000	LSUM
0225	Contractor Staking	8240001	1.000	LSUM
0230	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 047**Letting Date:** March 3, 2023**Contract ID:** 05031-211362

Description: 22.96 mi of overband crack fill, chip seal, fog seal and pavement markings on M-88 from Fourth Street north to Park Street and from Ellsworth Road north to US-31, on M-93 from Military Road north to M-72 and on M-18 from Flooter Road north to M-72, Antrim, Roscommon and Crawford Counties. This project includes two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211362A	23A0293	N/A	NH 05031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$194,500.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	100.000	Ton
0015	Overband Crack Fill, Lane	5020003	21.840	Lnmi
0020	_ Asphalt Repr Mastic	5027001	2,500.000	Ft
0025	Seal, Fog	5050015	370,300.000	Syd
0030	Chip Seal, Double, Warranty	5050020	193,100.000	Syd
0035	Chip Seal, Single, Warranty	5050040	224,600.000	Syd
0040	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	3.000	Ea
0050	Pavt Mrkg, Polyurea, Bike	8110100	6.000	Ea
0055	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	25.000	Ft
0060	Pavt Mrkg, Waterborne, 6 inch, White	8110233	240,000.000	Ft
0065	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	124,200.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	240,000.000	Ft
0075	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	124,200.000	Ft
0080	Rem Spec Mrkg	8110343	1,141.000	Sft
0085	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0090	Protective Ovly, Snowmobile Trail Crossing	8110550	80.000	Syd
0095	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	6.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	2,400.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	2,400.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	10.000	Ea
0130	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	9,700.000	Ea

0135	Sign Cover	8120310	20.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	6,080.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	6,080.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM
0155	Rumble Strip, Temp, Portable, Furn	8122188	60.000	Ea
0160	Rumble Strip, Temp, Portable, Oper	8122189	60.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 048

Letting Date: March 3, 2023

Contract ID: 63052-213482

Description: 4.56 mi of soft binder fiber micro-surface, concrete patching, overband crackfill, sidewalk ramp upgrades and pavement markings on US-24BR from US-24 easterly to M-1 and US-24 from M-102 northerly to I-696 in the city of Southfield, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213482A	23A0295	N/A	NH 63052
213483A	23A0296	N/A	NH 63031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$271,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	530.000	Ft
0015	Sidewalk, Rem	2040055	253.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	445.000	Ea
0025	Project Cleanup	2090001	1.000	LSUM
0030	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0035	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0040	Pavt, Cleaning	5010001	1.000	LSUM
0045	Pavt Joint and Crack Repr, Det 7	5010020	14,641.000	Ft
0050	Hand Patching	5010025	10.000	Ton
0055	Overband Crack Fill, Lane	5020003	34.620	Lnmi
0060	_ Soft Binder Fiber, Micro-Surface	5047011	258,717.000	Syd
0065	Joint, Contraction, Cp	6020200	264.000	Ft
0070	Cement	6030005	11.000	Ton
0075	Joint, Contraction, Crg	6030020	1,530.000	Ft
0080	Lane Tie, Epoxy Anchored	6030030	366.000	Ea
0085	Non-Chloride Accelerator	6030035	352.000	Gal
0090	Pavt Repr, Nonreinf Conc, 10 inch	6030048	206.000	Syd
0095	Pavt Repr, Nonreinf Conc, 11 inch	6030050	552.000	Syd
0100	Pavt Repr, Rem	6030080	758.000	Syd
0105	Saw Cut, Intermediate	6030090	204.000	Ft
0110	Curb and Gutter, Conc, Det B3	8020017	200.000	Ft
0115	Detectable Warning Surface	8030010	125.000	Ft
0120	Curb Ramp Opening, Conc	8030030	336.000	Ft
0125	Curb Ramp, Conc, 4 inch	8032001	1,946.000	Sft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	78.000	Ea

0135	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	39.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	39.000	Ea
0145	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	2.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	10.000	Ea
0155	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0160	Pavt Mrkg, Polyurea, 6 inch, White	8110094	58,509.000	Ft
0165	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	941.000	Ft
0170	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	4,938.000	Ft
0175	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	2,696.000	Ft
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	211,980.000	Ft
0185	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,436.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	105,990.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	1,218.000	Ft
0200	Rem Spec Mrkg	8110343	4,592.000	Sft
0205	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	48.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	48.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	18.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	18.000	Ea
0230	Ltg for Night Work	8120160	1.000	LSUM
0235	Minor Traf Devices	8120170	1.000	LSUM
0240	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	59,450.000	Ft
0245	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	7,634.000	Ft
0250	Plastic Drum, Fluorescent, Furn	8120252	972.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	972.000	Ea
0260	Sign Cover	8120310	24.000	Ea
0265	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0270	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0275	Sign, Type B, Temp, Prismatic, Furn	8120350	3,686.000	Sft
0280	Sign, Type B, Temp, Prismatic, Oper	8120351	3,686.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	108.000	Sft
0290	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	108.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	_ Turf Establishment, Performance	8167011	181.000	Syd
0305	TS Face, Bag	8200458	4.000	Ea
0310	TS Face, Bag, Rem	8200459	4.000	Ea
0315	Contractor Staking	8240001	1.000	LSUM
0320	Staking Plan Errors and Extras, Max \$180/hour	8240002	28.000	Hr
0325	Sanitary Structure Cover, Adj, Case 2	8252146	2.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 049**Letting Date:** March 3, 2023**Contract ID:** 39000-207365**Description:** Longitudinal pavement marking application on trunklines, Berrien, Branch, Calhoun, Cass, Kalamazoo, St. Joseph and Van Buren Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207365A	23A0306	N/A	HSIP 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$180,300.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,500,450.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,425,346.000	Ft
0020	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,340,329.000	Ft
0025	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	164,565.000	Ft
0030	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	45.000	Ea
0035	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,148,823.000	Ft
0040	Pavt Mrkg, Waterborne, 6 inch, White	8110233	5,515,469.000	Ft
0045	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,070,605.000	Ft
0050	Pavt Mrkg, Waterborne, 12 inch, White	8110237	90,954.000	Ft
0055	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	3,325.000	Ft
0060	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	37,315.000	Ft
0065	Rem Spec Mrkg	8110343	480.000	Sft
0070	Recessing Pavt Mrkg, Longit	8110450	500.000	Ft
0075	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	538,641.000	Ft
0080	_ Pavt Mrkg, Waterborne, 12 inch, White, Curb Painting	8117001	250.000	Ft
0085	_ Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb Painting	8117001	500.000	Ft
0090	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	100.000	Mi
0095	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	700.000	Mi
0100	_ Call Back, Intermediate Transportation, Surface Prep, \$3.75	8117003	500.000	Mi

0105	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	2.000	Ea
0110	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	3.000	Ea
0115	_ Call Back, Mobilization, Surface Prep, \$470.00	8117050	3.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,550.000	Ft



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 050**Letting Date:** March 3, 2023**Contract ID:** 38073-132635**Description:** 2.32 mi of hot mix asphalt shoulder widening, shoulder gravel and shoulder corrugations on M-50 from Valley Farm Road northwesterly to Lincoln Road, Jackson County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
132635A	23A0285	N/A	VRU 38073

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	500.000	Dlr
0010	Mobilization, Max \$46,400.00	1100001	1.000	LSUM
0015	Pavt, Rem	2040050	199.000	Syd
0020	Berm Grading	2050008	5.000	Sta
0025	Driveway Maintenance, Commercial	3062000	2.000	Ea
0030	Driveway Maintenance, Residential	3062001	42.000	Ea
0035	Shld, CI II	3070121	300.000	Ton
0040	Trenching	3070200	220.000	Sta
0045	Pavt, Cleaning	5010001	1.000	LSUM
0050	HMA Surface, Rem	5010005	546.000	Syd
0055	HMA Quality Initiative	5010007	5,860.000	Dlr
0060	Edge Trimming	5010009	2,000.000	Ft
0065	HMA Approach	5010061	30.000	Ton
0070	HMA, 5EL	5012036	2,900.000	Ton
0075	Driveway, Nonreinf Conc, 6 inch	8010005	156.000	Syd
0080	Curb Slp, HMA	8050010	815.000	Ft
0085	Post, Mailbox	8070095	10.000	Ea
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,000.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,000.000	Ft
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Mobile Attenuator	8120180	1.000	Ea
0130	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0135	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0140	Sign Cover	8120310	5.000	Ea

0145	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0150	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	Riprap, Plain	8130010	12.000	Syd
0175	_ HMA Spillway	8147011	12.000	Syd
0180	Fertilizer, Chemical Nutrient, CI A	8160020	14.000	Lb
0185	Seeding, Mixture THV	8160040	17.000	Lb
0190	Topsoil Surface, Furn, 4 inch	8160062	365.000	Syd
0195	_ Mulch Blanket, Modified	8167011	365.000	Syd
0200	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	9,300.000	Ft



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 051**Letting Date:** March 3, 2023**Contract ID:** 41000-207359**Description:** Application of special pavement markings on various routes, Mason, Muskegon, Oceana and Ottawa Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207359A	23A0299	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$47,400.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	741.000	Ft
0015	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	5.000	Ea
0020	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	63.000	Ea
0025	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	534.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	17.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	6.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	391.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, School	8110074	27.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	13.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	29.000	Ea
0065	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	35,685.000	Ft
0070	Pavt Mrkg, Polyurea, Yield	8110103	4.000	Ea
0075	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	797.000	Ft
0080	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	8,957.000	Ft
0085	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,548.000	Ft
0090	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	17,713.000	Ft
0095	Rem Spec Mrkg	8110343	22,151.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	721.000	Ft
0105	Scarification, for Polyurea Spec Mrkg	8112159	68,800.000	Sft
0110	_ Call Back, Intermediate Transportation, Spec Mrkg, \$4.55	8117003	500.000	Mi
0115	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	500.000	Mi
0120	_ Call Back, Mobilization, Spec Mrkg, \$570.00	8117050	5.000	Ea
0125	_ Call Back, Mobilization, Surface Preparation,	8117050	5.000	Ea

\$470.00

0130	Minor Traf Devices	8120170	1.000	LSUM
------	--------------------	---------	-------	------

Schedule of Pay Items

Report v1

Letting Call: 230303 052

Letting Date: March 3, 2023

Contract ID: 46101-209388

Description: Install radar activated curve warning system including curve signing upgrades on US-12 east of Person Highway and east of Deer Run Court, Lenawee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209388A	23A0291	N/A	HSIP 46101

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$18,600.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Flashing LED Border Sign, Alternating Current	8007050	6.000	Ea
0020	_ Flashing LED Border Sign, Solar	8007050	6.000	Ea
0025	Post, Wood, 4 inch by 6 inch	8100380	384.000	Ft
0030	Sign, Type III, Rem	8100403	20.000	Ea
0035	Sign, Type IIIB	8100405	40.000	Sft
0040	Sign, Type V, Rem	8100421	2.000	Ea
0045	Sign, Type VB	8100425	35.000	Sft
0050	Reflective Panel for Permanent Sign Support, 6 foot	8100616	20.000	Ea
0055	Ground Mtd Sign Support, Rem	8102010	22.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0065	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0070	Minor Traf Devices	8120170	1.000	LSUM
0075	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0080	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0085	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0090	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0095	Sign, Type B, Temp, Prismatic, Furn	8120350	1,120.000	Sft
0100	Sign, Type B, Temp, Prismatic, Oper	8120351	1,120.000	Sft
0105	Traf Regulator Control	8120370	1.000	LSUM
0110	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0115	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0120	Mulch	8160025	20.000	Syd
0125	Seeding, Mixture THV	8160040	5.000	Lb
0130	Topsoil Surface, Furn, 4 inch	8160062	20.000	Syd
0135	_ Mulch Blanket, Modified	8167011	20.000	Syd
0140	Power Company (Estimated Cost to Contractor)	8180001	7,000.000	Dlr

0145	Conduit, DB, 1, 3 inch	8182050	400.000	Ft
0150	Conduit, Schedule 80, 2 inch	8182146	100.000	Ft
0155	Cable, Equipment Grounding Wire, 1/C#12	8182294	500.000	Ft
0160	_ Cable, Sec, 600V, 1, 3/C#12	8187001	500.000	Ft
0165	_ Hh, Round, Elec	8187050	6.000	Ea
0170	Contractor Staking	8240001	1.000	LSUM
0175	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr
0180	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0185	Power Serv, Underground, 30AMP, 120/240V	8260100	1.000	Ea



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 053**Letting Date:** March 3, 2023**Contract ID:** 28012-213383

Description: 2.79 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and sidewalk ramps and pavement markings on US-31/M-37 from Airport Road to Bay Street in the city of Traverse City, Grand Traverse County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213383A	23A0304	N/A	NH 28012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$206,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	599.000	Ft
0015	Sidewalk, Rem	2040055	71.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	100.000	Ea
0025	Dr Structure Cover, Adj, Case 1	4030005	114.000	Ea
0030	Dr Structure Cover, Type B	4030010	4.000	Ea
0035	Dr Structure Cover, Type D	4030025	4.000	Ea
0040	Dr Structure Cover, Type K	4030050	96.000	Ea
0045	Dr Structure Cover, Type Q	4030065	10.000	Ea
0050	Cold Milling HMA Surface	5010002	96,749.000	Syd
0055	HMA Surface, Rem	5010005	51.000	Syd
0060	HMA Quality Initiative	5010007	21,162.000	Dlr
0065	Hand Patching	5010025	26.000	Ton
0070	HMA Approach, High Stress	5010520	89.000	Ton
0075	HMA, 4EML, High Stress	5012073	10,466.000	Ton
0080	_ Void Reducing Asphalt Membrane	5017001	28,500.000	Ft
0085	_ Void Reducing Asphalt Membrane, Half-Width	5017001	57,000.000	Ft
0090	Curb and Gutter, Conc, Det C2	8020021	458.000	Ft
0095	Driveway Opening, Conc, Det M	8020050	86.000	Ft
0100	Curb Ramp Opening, Conc	8030030	55.000	Ft
0105	Sidewalk, Conc, 6 inch	8030046	617.000	Sft
0110	Curb Ramp, Conc, 6 inch	8032002	378.000	Sft
0115	_ Detectable Warning Surface, Cast Iron, Spec	8037001	59.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	7.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	8.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0135	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	254.000	Ft

0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	168.000	Ft
0145	Pavt Mrkg, Waterborne, 6 inch, White	8110233	8,591.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	33,659.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	8,591.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	33,659.000	Ft
0165	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0170	Recessing Pavt Mrkg, Longit	8110450	43,682.000	Ft
0175	Recessing Pavt Mrkg, Transv	8110451	1,164.000	Sft
0180	_ Pavt Mrkg, Durable Spec Mrkg, 24 inch, Stop Bar	8117001	1,440.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0195	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0205	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0210	Ltg for Night Work	8120160	1.000	LSUM
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,800.000	Ft
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,000.000	Ft
0230	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0240	Sign Cover	8120310	5.000	Ea
0245	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0250	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0255	Sign, Type B, Temp, Prismatic, Furn	8120350	1,340.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	1,340.000	Sft
0265	Traf Regulator Control	8120370	1.000	LSUM
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	Fertilizer, Chemical Nutrient, CI A	8160020	4.000	Lb
0290	Mulch Blanket	8160027	114.000	Syd
0295	Seeding, Mixture TDS	8160037	5.000	Lb
0300	Topsoil Surface, Furn, 3 inch	8160061	114.000	Syd
0305	Wireless Vehicle Sensor Node	8200425	15.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 054

Letting Date: March 3, 2023

Contract ID: 41000-205689

Description: 1.49 mi of hot mix asphalt surfacing and shared-use path, curb ramps, water main and pavement markings 52nd Street from Kalamazoo Avenue easterly to Breton Road in the city of Kentwood, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205689A	23A0226	N/A	STU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$399,900.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Curb and Gutter, Rem	2040020	925.000	Ft
0025	Pavt, Rem	2040050	2,205.000	Syd
0030	Sidewalk, Rem	2040055	2,455.000	Syd
0035	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0040	Flowable Fill, Non-Structural	2050148	225.000	Cyd
0045	_ Roadway Grading	2057002	80.000	Sta
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	66.000	Ea
0055	Erosion Control, Silt Fence	2080036	500.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Subbase, CIP	3010002	1,710.000	Cyd
0070	_ Aggregate Base, 6 inch, Modified	3027011	3,225.000	Syd
0075	_ Aggregate Base, 8 inch, Modified	3027011	5,575.000	Syd
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	39.000	Ft
0085	Video Taping Sewer and Culv Pipe	4021275	39.000	Ft
0090	Dr Structure Cover, Adj, Case 1	4030005	63.000	Ea
0095	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0100	Dr Structure, Tap, 4 inch	4030304	4.000	Ea
0105	Dr Structure, Tap, 12 inch	4030312	4.000	Ea
0110	Dr Structure, Temp Lowering	4030390	64.000	Ea
0115	_ Dr Structure Cover, Type B, Storm, Installation	4037050	43.000	Ea
0120	_ Dr Structure Cover, Type Q, Sanitary, Installation	4037050	22.000	Ea
0125	Underdrain, Subbase, 4 inch	4040061	400.000	Ft
0130	HMA Approach	5010061	700.000	Ton
0135	HMA, 3EML	5012013	8,575.000	Ton

0140	HMA, 4EML	5012025	6,385.000	Ton
0145	HMA, 5EML	5012037	5,045.000	Ton
0150	_ HMA Surface, Rem, Modified	5017011	45,680.000	Syd
0155	_ Cold Milled HMA Surface, Transport	5017051	1.000	LSUM
0160	Driveway, Nonreinf Conc, 6 inch	8010005	585.000	Syd
0165	Curb and Gutter, Conc, Det F3	8020037	92.000	Ft
0170	Curb and Gutter, Conc, Det F4	8020038	770.000	Ft
0175	Curb Ramp Opening, Conc	8030030	213.000	Ft
0180	Sidewalk, Conc, 4 inch	8030044	3,390.000	Sft
0185	Sidewalk, Conc, 6 inch	8030046	875.000	Sft
0190	Curb Ramp, Conc, 6 inch	8032002	1,285.000	Sft
0195	_ Detectable Warning Surface, Metal	8037001	187.000	Ft
0200	Shared use Path, Grading	8060030	3,333.000	Ft
0205	Shared use Path, HMA	8060040	580.000	Ton
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,215.000	Ft
0215	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	18,580.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,215.000	Ft
0225	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	18,580.000	Ft
0230	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	282.000	Ft
0235	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	282.000	Ft
0240	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	1,295.000	Ft
0245	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	1,295.000	Ft
0250	_ Pavt Mrkg, Waterborne, 2nd Application, Lt Turn Arrow Sym	8117050	10.000	Ea
0255	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	10.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	40.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	40.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0275	Minor Traf Devices	8120170	1.000	LSUM
0280	Plastic Drum, Fluorescent, Furn	8120252	265.000	Ea
0285	Plastic Drum, Fluorescent, Oper	8120253	265.000	Ea
0290	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0295	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	632.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	632.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0320	_ Turf Establishment, Performance	8167011	4,725.000	Syd
0325	Monument Preservation	8210010	3.000	Ea
0330	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
0335	Gate Box, Adj, Case 1	8230431	5.000	Ea
0340	_ Water Main, DI, 12 inch, Tr Det G, Installation	8237001	7,540.000	Ft
0345	_ Water Main, DI, 16 inch, Tr Det G, Installation	8237001	25.000	Ft

0350	_ Water Main, DI, 6 inch, Tr Det G, Installation	8237001	65.000	Ft
0355	_ Water Main, DI, 8 inch, Tr Det G, Installation	8237001	275.000	Ft
0360	_ Abandon Valve Chamber and Place Valve Box	8237050	2.000	Ea
0365	_ Fire Hydrant Assembly, Installation	8237050	12.000	Ea
0370	_ Fire Hydrant, Rem	8237050	11.000	Ea
0375	_ Gate Valve and Box, 12 inch, Installation	8237050	10.000	Ea
0380	_ Gate Valve and Box, 8 inch, Installation	8237050	7.000	Ea
0385	_ Water Main Fitting, DI, 12 inch, Installation	8237050	56.000	Ea
0390	_ Water Main Fitting, DI, 16 inch, Installation	8237050	4.000	Ea
0395	_ Water Main Fitting, DI, 6 inch, Installation	8237050	9.000	Ea
0400	_ Water Main Fitting, DI, 8 inch, Installation	8237050	37.000	Ea
0405	_ Water Service, 1 inch, Long, Installation	8237050	12.000	Ea
0410	_ Water Service, 1 inch, Short, Installation	8237050	27.000	Ea
0415	_ Water Service, 1.5 inch, Short, Installation	8237050	1.000	Ea
0420	_ Water Service, 2 inch, Short, Installation	8237050	1.000	Ea
0425	_ Owner Provided Materials Sales Tax	8507060	49,346.000	Dlr



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 055**Letting Date:** March 3, 2023**Contract ID:** 41000-205712**Description:** 2.15 mi of hot mix asphalt surfacing, curb ramps and pavement markings on Northland Drive from 12 Mile Road northerly to south of 14 Mile Road (M-57), Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205712A	23A0239	N/A	EDC 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$232,800.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	45.000	Ft
0015	Sidewalk, Rem	2040055	26.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	52.000	Ea
0025	_ Project Cleanup, Modified	2097051	1.000	LSUM
0030	_ Aggregate Base Grading	3027002	118.000	Sta
0035	_ Aggregate Base, Modified	3027031	1,200.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	12.000	Ea
0045	Dr Structure, Temp Lowering	4030390	12.000	Ea
0050	HMA Surface, Rem	5010005	69,200.000	Syd
0055	HMA, 2EMH	5012002	18,850.000	Ton
0060	HMA, 5EMH	5012038	8,380.000	Ton
0065	Curb and Gutter, Conc, Det F4	8020038	16.000	Ft
0070	Detectable Warning Surface	8030010	30.000	Ft
0075	Curb Ramp Opening, Conc	8030030	24.000	Ft
0080	Curb Ramp, Conc, 6 inch	8032002	200.000	Sft
0085	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,650.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	45,244.000	Ft
0095	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	150.000	Ft
0100	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	575.000	Ft
0105	_ Pavt Mrkg, Waterborne, Lt Turn Arrow Sym	8117050	12.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	220.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	220.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0135	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	45,250.000	Ft
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,130.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,010.000	Ft
0160	Sign, Type B, Temp, Prismatic, Furn	8120350	1,555.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	1,555.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	9.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	9.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	Speed Radar Trailer, Temp	8122028	2.000	Ea
0190	_ Roadside Seeding	8167011	200.000	Syd
0195	TS Face, Bag	8200458	4.000	Ea
0200	TS Face, Bag, Rem	8200459	4.000	Ea
0205	Monument Box	8210001	1.000	Ea
0210	Protect Corners	8210020	1.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 056**Letting Date:** March 3, 2023**Contract ID:** 82000-216846

Description: 0.99 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on McNichols Road from Telegraph Road (US-24) easterly to Lahser Road in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216846A	22A1104	N/A	ST 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$219,800.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.200	Acre
0015	Curb and Gutter, Rem	2040020	397.000	Ft
0020	Sidewalk, Rem	2040055	726.000	Syd
0025	_ Pavt Repr, Remove, Patching	2047011	3,757.000	Syd
0030	_ Misc Obstruction, Rem	2047021	3.000	Cyd
0035	Excavation, Earth	2050016	20.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0045	Project Cleanup	2090001	1.000	LSUM
0050	Dr Structure, Temp Lowering	4030390	21.000	Ea
0055	_ Dr Structure Reconstruct	4037001	34.000	Ft
0060	_ Dr Structure Cover, Adj	4037050	51.000	Ea
0065	_ Dr Structure Cover, Adj, Furn Cover A	4037050	4.000	Ea
0070	_ Dr Structure Cover, Adj, Furn Cover S	4037050	4.000	Ea
0075	_ San Structure Cover, Adj	4037050	6.000	Ea
0080	Pavt Joint and Crack Repr, Det 8	5010021	840.000	Ft
0085	_ Cold Milling HMA Surface, Modified	5017011	31,218.000	Syd
0090	_ Bit Mixture for Patching, Temp	5017031	20.000	Ton
0095	_ Conditioning Existing Pavement	5017031	541.000	Ton
0100	_ Misc HMA Approach	5017031	57.000	Ton
0105	_ Misc HMA, 4EMH	5017031	3,758.000	Ton
0110	_ Misc HMA, 5EMH	5017031	2,704.000	Ton
0115	_ Misc HMA, Hand Patching	5017031	232.000	Ton
0120	_ Misc HMA, Wedge	5017031	173.000	Ton
0125	Joint, Contraction, Cp	6020200	2,880.000	Ft
0130	Joint, Expansion, E2	6020207	432.000	Ft
0135	_ Cold Weather Protection, Conc Pavt	6027011	3,757.000	Syd

0140	Crack Sealing, Conc Pavt	6030010	602.000	Ft
0145	Lane Tie, Epoxy Anchored	6030030	328.000	Ea
0150	Resealing Trans Joints with Hot-Poured Rubber	6030100	144.000	Ft
0155	Resealing Longit Joints with Hot-Poured Rubber	6030101	380.000	Ft
0160	_ Pavt Repr, Nonreinf Conc, Patching	6037011	3,757.000	Syd
0165	_ Conc Curb Cap	8027001	265.000	Ft
0170	_ Conc Curb Cap, Patching	8027001	585.000	Ft
0175	Detectable Warning Surface	8030010	240.000	Ft
0180	Curb Ramp Opening, Conc	8030030	397.000	Ft
0185	Sidewalk, Conc, 4 inch	8030044	379.000	Sft
0190	Curb Ramp, Conc, 4 inch	8032001	2,970.000	Sft
0195	_ Curb Ramp, Conc, 8 inch	8037010	1,799.000	Sft
0200	_ Field Office	8097043	3.000	Mo
0205	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0210	_ Sign, Type B, Perm	8107010	525.000	Sft
0215	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,050.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	120.000	Ft
0225	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	280.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0235	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0240	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,200.000	Ft
0245	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,600.000	Ft
0250	Rem Curing Compound, for Spec Mrkg	8110321	150.000	Sft
0255	Rem Spec Mrkg	8110343	200.000	Sft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	70.000	Ea
0265	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	70.000	Ea
0270	Pedestrian Type II Barricade, Temp	8120026	28.000	Ea
0275	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0280	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0285	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	700.000	Ft
0295	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	550.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0305	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0310	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	700.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	550.000	Ft
0320	Sign Cover	8120310	8.000	Ea
0325	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0330	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0335	Sign, Type B, Temp, Prismatic, Furn	8120350	1,042.000	Sft

0340	Sign, Type B, Temp, Prismatic, Oper	8120351	1,042.000	Sft
0345	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0350	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0355	Traf Regulator Control	8120370	1.000	LSUM
0360	Topsoil Surface, Furn, 3 inch	8160061	2,450.000	Syd
0365	Water, Sodding/Seeding	8160090	132.000	Unit
0370	_ Seeding, Mixture THM, Modified	8167011	2,450.000	Syd
0375	Monument Box Adj	8210005	2.000	Ea
0380	Monument Preservation	8210010	2.000	Ea
0385	Protect Corners	8210020	2.000	Ea
0390	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr
0395	_ Contractor Staking, Modified	8247051	1.000	LSUM



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 057**Letting Date:** March 3, 2023**Contract ID:** 31000-215956-2

Description: 0.35 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb, sidewalk and ramps and pavement markings on 6th Street from Spruce Street to Oak Street in the village of Calumet, Houghton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215956A	22A0635	N/A	ST 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$27,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	235.000	Ft
0015	Sidewalk, Rem	2040055	250.000	Syd
0020	Excavation, Earth	2050016	10.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0030	Subbase, LM	3010003	25.000	Cyd
0035	Aggregate Base	3020001	10.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0045	Cold Milling HMA Surface	5010002	7,400.000	Syd
0050	Hand Patching	5010025	10.000	Ton
0055	HMA Approach	5010061	15.000	Ton
0060	HMA, 5EML	5012037	650.000	Ton
0065	_ Conc, Pavt, Reinf, 8 inch, Modified	6027011	7.000	Syd
0070	_ Brick Paver, Remove and Replace	6037010	40.000	Sft
0075	Curb and Gutter, Conc, Det F2	8020036	175.000	Ft
0080	Curb Ramp Opening, Conc	8030030	150.000	Ft
0085	Sidewalk, Conc, 6 inch	8030046	650.000	Sft
0090	Curb Ramp, Conc, 6 inch	8032002	1,200.000	Sft
0095	_ Detectable Warning Surface, Modified	8037001	60.000	Ft
0100	_ Sidewalk, Conc, 6 inch, Modified	8037010	400.000	Sft
0105	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	350.000	Ft
0110	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	60.000	Ft
0115	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,440.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,440.000	Ft
0130	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	1,088.000	Ft
0135	Barricade, Type III, High Intensity, Double Sided,	8120012	14.000	Ea

	Lighted, Furn			
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0145	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0165	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	120.000	Ft
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	398.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	398.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	26.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	26.000	Sft
0190	_ Slope Restoration, Modified	8167011	25.000	Syd
0195	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0200	Contractor Staking	8240001	1.000	LSUM
0205	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 058**Letting Date:** March 3, 2023**Contract ID:** 78000-212287**Description:** Bridge rehabilitation including removal and replace portions, guardrail and approach work on Covered Bridge Road over the St. Joseph County River, St. Joseph County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212287A	23A0253	N/A	BFPO 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$225,200.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	100.000	Ft
0015	Embankment, CIP	2050010	30.000	Cyd
0020	Excavation, Earth	2050016	20.000	Cyd
0025	Erosion Control, Silt Fence	2080036	200.000	Ft
0030	Subbase, CIP	3010002	23.000	Cyd
0035	Aggregate Base, 12 inch	3020030	95.000	Syd
0040	Shld, CI II, 6 inch	3070128	30.000	Syd
0045	HMA Surface, Rem	5010005	100.000	Syd
0050	HMA, 4EML	5012025	31.000	Ton
0055	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0060	Guardrail Reflector	8070080	8.000	Ea
0065	Guardrail, Type B, 72 inch Post	8072171	52.000	Ft
0070	_ Overhead Sign, Rem, Salv, and Reinstall	8107050	2.000	Ea
0075	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	276.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	276.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	203.000	Sft
0115	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	203.000	Sft
0120	Slope Restoration, Non-Freeway, Type B	8162002	120.000	Syd

Section: 2

0125	Structures, Rem Portions	2040061	1.000	LSUM
------	--------------------------	---------	-------	------

0130	Backfill, Structure, CIP	2060002	175.000	Cyd
0135	Excavation, Fdn	2060010	299.000	Cyd
0140	_ Fill, Low Density Cellular Conc, Class IV	2067021	61.000	Cyd
0145	Erosion Control, Turbidity Curtain, Deep	2080042	120.000	Ft
0150	_ Trench Drain	4037001	40.000	Ft
0155	Underdrain, Fdn, 8 inch	4040035	52.000	Ft
0160	Underdrain Outlet, 8 inch	4040095	124.000	Ft
0165	Underdrain, Outlet Ending, 8 inch	4040115	4.000	Ea
0170	Reinforcement, Steel, Epoxy Coated	7060092	5,915.000	Lb
0175	Conc, Grade 4500	7062003	27.000	Cyd
0180	Bearing, Elastomeric, 3/4 inch	7070011	672.000	Sin
0185	Structural Steel, Plate, Erect	7070060	18,920.000	Lb
0190	Structural Steel, Plate, Furn and Fab	7070061	18,920.000	Lb
0195	Structural Steel, Rolled Shape, Erect	7070070	54,230.000	Lb
0200	Structural Steel, Rolled Shape, Furn and Fab	7070071	54,230.000	Lb
0205	_ Precast Conc Substructure, Abutment	7087050	2.000	Ea
0210	Hardware, Misc.	7090010	1.000	LSUM
0215	Structure, Timber	7090020	1.000	LSUM
0220	Substructure Horizontal Surface Sealer	7100030	9.000	Syd
0225	_ Silane Treatment	7107010	916.000	Sft
0230	_ Partial Replacement and Coating of Timber Siding	7107051	1.000	LSUM
0235	_ Temporary Bracing	7127051	1.000	LSUM
0240	_ Timber Truss Repair	7127051	1.000	LSUM
0245	_ Jacking and Shoring	7137051	1.000	LSUM
0250	_ Metal Roofing System, Rem and Replace	7137051	1.000	LSUM
0255	Steel Structure, Cleaning, Type 4	7150045	1.000	LSUM
0260	Steel Structure, Coating, Type 4	7150046	1.000	LSUM
0265	Field Repr of Damaged Coating	7160001	1.000	LSUM
0270	_ Barrier Float, Temp	8127001	400.000	Ft
0275	_ Regulatory Buoy, Closed Area, Temp	8127050	16.000	Ea
0280	Riprap, Plain	8130011	60.000	Ton



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 059**Letting Date:** March 3, 2023**Contract ID:** 78000-217884**Description:** 3.32 mi of hot mix asphalt overlay and pavement markings on Klinger Lake Road from Timm Road to Banker Road, St. Joseph County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
217884A	23A0245	N/A	STL 78000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$46,500.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Shld, CI II	3070121	1,500.000	Ton
0020	Pavt for Butt Joints, Rem	5010008	160.000	Syd
0025	HMA Approach	5010061	150.000	Ton
0030	HMA, 5EL	5012036	4,600.000	Ton
0035	Pavt Mrkg, Waterborne, 4 inch, White	8110231	35,060.000	Ft
0040	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	21,920.000	Ft
0045	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	175.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	175.000	Ea
0055	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0060	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0075	Sign, Type B, Temp, Prismatic, Furn	8120350	416.000	Sft
0080	Sign, Type B, Temp, Prismatic, Oper	8120351	416.000	Sft
0085	Traf Regulator Control	8120370	1.000	LSUM



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 060**Letting Date:** March 3, 2023**Contract ID:** 79051-214234**Description:** Guardrail upgrades including minor shoulder improvements on various routes at 11 locations, Tuscola County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214234A	23A0238	N/A	HSIP 79051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$41,500.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	2,883.000	Ft
0015	_ Barrier Wall, Partial, Remove	2047001	199.000	Ft
0020	Erosion Control, Silt Fence	2080036	600.000	Ft
0025	Shld, CI II	3070121	778.000	Ton
0030	HMA Surface, Rem	5010005	50.000	Syd
0035	Guardrail Approach Terminal, Type 2M	8070044	38.000	Ea
0040	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0045	Guardrail Reflector	8070080	150.000	Ea
0050	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	50.000	Ft
0055	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	100.000	Ft
0060	Guardrail, Type MGS-8, 72 inch Post	8072179	825.000	Ft
0065	Guardrail, Type MGS-8, 108 inch Post	8072180	1,425.000	Ft
0070	_ Thrie Beam Retrofit	8077001	900.000	Ft
0075	_ Thrie Beam Retrofit, Steel Bridge	8077001	75.000	Ft
0080	_ Thrie Beam Retrofit, Post	8077050	124.000	Ea
0085	_ Thrie Beam Retrofit, Steel Bridge, Post	8077050	10.000	Ea
0090	Delineator Reflector, Green	8100133	6.000	Ea
0095	Post, Rigid, Delineator	8100361	6.000	Ea
0100	Post, Steel, 3 pound	8100371	28.000	Ft
0105	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0110	Sign, Type III, Rem	8100403	10.000	Ea
0115	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0120	Ground Mtd Sign Support, Rem	8102010	10.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0135	Lighted Arrow, Type C, Furn	8120140	4.000	Ea

0140	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	78.000	Ea
0155	Plastic Drum, Fluorescent, Oper	8120253	78.000	Ea
0160	Sign Cover	8120310	98.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	1,158.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,158.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	_ Slope Restoration, Modified	8167011	2,101.000	Syd



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 061**Letting Date:** March 3, 2023**Contract ID:** 63000-216036

Description: 0.38 mi of install concrete sidewalk and construct pedestrian crossing with light emitting diode bordered crosswalk signs on Pinecrest Drive from Eight Mile Road (M-102) to Marshfield Street in the city of Ferndale, Oakland County. This is a Local Agency project. This is a Small Business Program project. Only those approved by MDOT as a Small Business may be eligible to bid as a prime contractor.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216036A	23A0255	N/A	VRU 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$15,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0015	Curb and Gutter, Rem	2040020	20.000	Ft
0020	Pavt, Rem	2040050	125.000	Syd
0025	Sidewalk, Rem	2040055	10.000	Syd
0030	_ Erosion Control, WRC Inlet Filter, Install	2087050	10.000	Ea
0035	_ Erosion Control, WRC Inlet Filter, Rem	2087050	10.000	Ea
0040	Aggregate Base	3020001	5.000	Ton
0045	Aggregate Base, Conditioning	3020050	125.000	Syd
0050	_ Aggregate Base, 4 inch, Modified	3027011	1,300.000	Syd
0055	_ Maintenance Gravel, LM, Modified	3067021	20.000	Cyd
0060	Lane Tie, Epoxy Anchored	6030030	50.000	Ea
0065	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	100.000	Syd
0070	Curb Ramp Opening, Conc	8030030	20.000	Ft
0075	Sidewalk, Conc, 4 inch	8030044	7,900.000	Sft
0080	Sidewalk, Conc, 8 inch	8030048	350.000	Sft
0085	Curb Ramp, Conc, 4 inch	8032001	300.000	Sft
0090	Curb Ramp, Conc, 6 inch	8032002	525.000	Sft
0095	_ Detectable Warning Surface, Modified	8037001	50.000	Ft
0100	_ Sidewalk, Conc, 4 inch, Modified	8037010	550.000	Sft
0105	Fence Post	8080130	2.000	Ea
0110	Pavt Mrkg, Polyurea, Bike, Small Sym	8110105	2.000	Ea
0115	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	100.000	Ft
0120	Rem Spec Mrkg	8110343	50.000	Sft
0125	Pavt Mrkg, Polyurea, Bike Thru Arrow Sym	8112170	2.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided,	8120012	1.000	Ea

	Lighted, Furn			
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	1.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	80.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	80.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	20.000	Ft
0165	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0175	Sign Cover	8120310	1.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	130.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	130.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Water, Sodding/Seeding	8160090	10.000	Unit
0200	_ Hydroseeding	8167011	2,350.000	Syd
0205	_ Topsoil Surface, Furn, 2 inch, Modified	8167011	2,350.000	Syd
0210	_ LED Crosswalk Signal, Solar Powered	8507050	2.000	Ea
0215	_ Sign, Relocate, Special	8507050	1.000	Ea
0220	_ Reimbursed Permit Fees	8507060	400.000	Dlr

Schedule of Pay Items

Report v1

Letting Call: 230303 062

Letting Date: March 3, 2023

Contract ID: 25000-207675

Description: 1.01 mi of hot mix asphalt cold milling and resurfacing, concrete curb, gutter and ramps, guardrail and pavement markings on Grand Blanc Road from west of Porter Road to Dort Highway (M-54), Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207675A	N/A	N/A	EDC 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$172,500.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	17.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Dr Structure, Rem	2030011	4.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	612.000	Ft
0030	Guardrail, Rem	2040035	189.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0040	_ Pavt, Rem, Modified	2047011	3,671.000	Syd
0045	Embankment, CIP	2050010	1,400.000	Cyd
0050	Excavation, Earth	2050016	5,400.000	Cyd
0055	Subgrade Undercutting, Type IV	2050043	280.000	Cyd
0060	Erosion Control, Check Dam, Stone	2080012	180.000	Ft
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0070	Erosion Control, Sediment Trap	2080034	2.000	Ea
0075	Erosion Control, Silt Fence	2080036	2,402.000	Ft
0080	_ Aggregate Base, Modified	3027031	4,891.000	Ton
0085	_ Maintenance Gravel, Modified	3067031	950.000	Ton
0090	_ Approach, CI II, Modified	3077031	93.000	Ton
0095	_ Shld, CI II, Modified	3077031	725.000	Ton
0100	Culv End Sect, Conc, 12 inch	4010047	5.000	Ea
0105	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea
0110	Culv, CI F, 12 inch	4010607	509.000	Ft
0115	Sewer, CI II, 12 inch, Tr Det A	4020720	338.000	Ft
0120	Sewer, CI II, 15 inch, Tr Det A	4020721	4.000	Ft
0125	Sewer, CI II, 18 inch, Tr Det A	4020722	6.000	Ft
0130	Sewer, CI II, 12 inch, Tr Det B	4020748	926.000	Ft
0135	Sewer, CI II, 15 inch, Tr Det B	4020749	3.000	Ft

0140	Sewer, CI II, 18 inch, Tr Det B	4020751	58.000	Ft
0145	Sewer, CI IV, 12 inch, Tr Det A	4020960	80.000	Ft
0150	Sewer, CI IV, 12 inch, Tr Det B	4020987	217.000	Ft
0155	Sewer Tap, 12 inch	4021204	8.000	Ea
0160	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0165	Dr Structure Cover, Type B	4030010	4.000	Ea
0170	Dr Structure Cover, Type G	4030040	13.000	Ea
0175	Dr Structure Cover, Type J	4030045	1.000	Ea
0180	Dr Structure Cover, Type K	4030050	7.000	Ea
0185	Dr Structure Cover, Type Q	4030065	1.000	Ea
0190	Dr Structure, 48 inch dia	4030210	21.000	Ea
0195	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	6.000	Ft
0200	Dr Structure, Adj, Add Depth	4030280	7.000	Ft
0205	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0210	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0215	_ Accessible Dr Structure Cover	4037050	2.000	Ea
0220	_ Dr Structure Cover, Adj, Case 1, Spec	4037050	1.000	Ea
0225	_ Dr Structure Cover, Adj, Case 2, Spec	4037050	6.000	Ea
0230	Underdrain, Subgrade, 4 inch	4040071	9,306.000	Ft
0235	Underdrain Outlet, 4 inch	4040091	435.000	Ft
0240	Underdrain, Outlet Ending, 4 inch	4040111	29.000	Ea
0245	Cold Milling HMA Surface	5010002	17,634.000	Syd
0250	Hand Patching	5010025	83.000	Ton
0255	HMA, 2C	5010030	1,830.000	Ton
0260	HMA, 3C	5010031	1,308.000	Ton
0265	HMA, 4C	5010032	3,101.000	Ton
0270	HMA Approach	5010061	753.000	Ton
0275	Driveway, Nonreinf Conc, 6 inch	8010005	468.000	Syd
0280	Curb and Gutter, Conc, Det B2	8020016	197.000	Ft
0285	Curb and Gutter, Conc, Det F4	8020038	2,934.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	64.000	Ft
0295	Shld Gutter, Conc, Det 2	8020056	3.000	Ea
0300	Spillway, Conc	8020075	3.000	Ft
0305	Detectable Warning Surface	8030010	23.000	Ft
0310	Curb Ramp Opening, Conc	8030030	31.000	Ft
0315	Curb Ramp, Conc, 4 inch	8032001	160.000	Sft
0320	Curb Ramp, Conc, 6 inch	8032002	300.000	Sft
0325	Shared use Path, HMA	8060040	29.000	Ton
0330	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0335	Guardrail Reflector	8070080	16.000	Ea
0340	Post, Mailbox	8070095	39.000	Ea
0345	Guardrail, Type MGS-8, 108 inch Post	8072180	350.000	Ft
0350	Post, Steel, 3 pound	8100371	254.000	Ft
0355	Post, Wood, 4 inch by 6 inch	8100380	18.000	Ft

0360	Post, Wood, 6 inch by 8 inch	8100382	64.000	Ft
0365	Sign, Type IIA	8100398	50.000	Sft
0370	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0375	Sign, Type III, Rem	8100403	26.000	Ea
0380	Sign, Type IIIA	8100404	14.000	Sft
0385	Sign, Type IIIB	8100405	77.000	Sft
0390	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	63.000	Ft
0395	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0400	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0405	Pavt Mrkg, Ovly Cold Plastic, School	8110074	1.000	Ea
0410	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0415	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,243.000	Ft
0420	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,451.000	Ft
0425	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	78.000	Ea
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	78.000	Ea
0435	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0440	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	445.000	Ea
0445	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	445.000	Ea
0450	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0455	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0460	Minor Traf Devices	8120170	1.000	LSUM
0465	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,250.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	26.000	Ft
0475	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,696.000	Ft
0480	Sign Cover	8120310	2.000	Ea
0485	Sign, Type B, Temp, Prismatic, Furn	8120350	767.000	Sft
0490	Sign, Type B, Temp, Prismatic, Oper	8120351	767.000	Sft
0495	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	276.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	276.000	Sft
0505	Pedestrian Path, Temp	8122250	10.000	Ft
0510	Pedestrian Ramp, Temp	8122251	2.000	Ea
0515	Riprap, Plain	8130010	20.000	Syd
0520	Slope Restoration, Non-Freeway, Type B	8162002	7,330.000	Syd
0525	Slope Restoration, Non-Freeway, Type C	8162003	2,860.000	Syd
0530	Slope Restoration, Non-Freeway, Type D	8162004	290.000	Syd
0535	Slope Restoration, Non-Freeway, Type F	8162006	1,170.000	Syd
0540	Monument Box Adj	8210005	2.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 063**Letting Date:** March 3, 2023**Contract ID:** 19000-214735

Description: 0.75 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramps, sanitary and storm sewer and pavement markings on Turner Road from Herbison Road north to East Dill Drive in the city of DeWitt, Clinton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214735A	23A0248	N/A	STU 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$34,700.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	170.000	Ft
0015	Pavt, Rem	2040050	30.000	Syd
0020	Sidewalk, Rem	2040055	50.000	Syd
0025	Exploratory Investigation, Vertical	2040080	5.000	Ft
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0035	Aggregate Base, LM	3020002	10.000	Cyd
0040	Sewer, CI A, 12 inch, Tr Det B	4020033	25.000	Ft
0045	Sewer Tap, 12 inch	4021204	1.000	Ea
0050	Dr Structure Cover, Type K	4030050	1.000	Ea
0055	Dr Structure, 48 inch dia	4030210	1.000	Ea
0060	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0065	_ Dr Structure, Chimney Rehabilitation	4037050	38.000	Ea
0070	_ Sanitary Structure Cover, Adj, Case 1, Modified	4037050	14.000	Ea
0075	Pavt, Cleaning	5010001	1.000	LSUM
0080	Cold Milling HMA Surface	5010003	1,680.000	Ton
0085	HMA Surface, Rem	5010005	60.000	Syd
0090	Hand Patching	5010025	30.000	Ton
0095	HMA, 13A	5010033	1,680.000	Ton
0100	Curb and Gutter, Conc, Det F4	8020038	140.000	Ft
0105	Curb Ramp Opening, Conc	8030030	40.000	Ft
0110	_ Detectable Warning Surface, Modified	8037001	30.000	Ft
0115	_ Curb Ramp, Conc, 6 inch, Modified	8037010	450.000	Sft
0120	Curb Slp, HMA	8050010	6,335.000	Ft
0125	Post, Steel, 3 pound	8100371	30.000	Ft
0130	Sign, Type III, Erect, Salv	8100402	4.000	Ea
0135	Sign, Type III, Rem	8100403	4.000	Ea

0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	7,900.000	Ft
0145	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	7,900.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	7,900.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	7,900.000	Ft
0160	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0165	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	45.000	Ft
0170	_ Pavt Mrkg, Waterborne, 2nd Application, 24 inch, Stop Bar	8117001	45.000	Ft
0175	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	120.000	Ft
0180	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	120.000	Ft
0185	_ Pavt Mrkg, Waterborne, 2nd Application, Bike, Small Sym	8117050	6.000	Ea
0190	_ Pavt Mrkg, Waterborne, 2nd Application, Bike, Thru Arrow Sym	8117050	6.000	Ea
0195	_ Pavt Mrkg, Waterborne, Bike, Small Sym	8117050	6.000	Ea
0200	_ Pavt Mrkg, Waterborne, Bike, Thru Arrow Sym	8117050	6.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0215	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
0225	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Sign, Type B, Temp, Prismatic, Furn	8120350	330.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	330.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	120.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	120.000	Sft
0255	Traf Regulator Control	8120370	1.000	LSUM
0260	Slope Restoration, Non-Freeway, Type A	8162001	2,570.000	Syd
0265	Sanitary Structure, Adj, Add Depth	8252140	8.000	Ft



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 064**Letting Date:** March 3, 2023**Contract ID:** 47000-210604

Description: 1.60 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulder and pavement markings on Chilson Road from Crooked Lake Road north to Beck Road, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210604A	23A0183	N/A	STL 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$133,800.00	1100001	1.000	LSUM
0010	_ Machine Grading, Modified	2057002	172.000	Sta
0015	Erosion Control, Silt Fence	2080036	500.000	Ft
0020	Aggregate Base	3020001	426.000	Ton
0025	Maintenance Gravel	3060020	25.000	Ton
0030	Shld, CI I	3070101	1,300.000	Ton
0035	Shld, CI II	3070121	2,452.000	Ton
0040	Cold Milling HMA Surface	5010003	21,899.000	Ton
0045	HMA Surface, Rem	5010005	665.000	Syd
0050	Pavt for Butt Joints, Rem	5010008	224.000	Syd
0055	Hand Patching	5010025	25.000	Ton
0060	HMA Approach	5010061	476.000	Ton
0065	HMA, 4EML	5012025	3,081.000	Ton
0070	HMA, 5EML	5012037	2,267.000	Ton
0075	_ HMA Wedging	5017031	1,500.000	Ton
0080	Post, Mailbox	8070095	20.000	Ea
0085	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,700.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,100.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	16,700.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,100.000	Ft
0105	Pavt Mrkg, Modified Epoxy, 24 inch, Stop Bar	8112232	28.000	Ft
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0115	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	190.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	190.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea

0135	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	290.000	Ft
0150	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,500.000	Ft
0155	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	290.000	Ft
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0165	Plastic Drum, Fluorescent, Furn	8120252	10.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	10.000	Ea
0175	Sign Cover	8120310	5.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Slope Restoration, Non-Freeway, Type B	8162002	12,383.000	Syd
0210	Monument Box Adj	8210005	1.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 065**Letting Date:** March 3, 2023**Contract ID:** 81000-214634

Description: 2.71 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulders, signs and pavement markings on Whitmore Lake Road from Joy Road north to North Territorial Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214634A	23A0191	N/A	STL 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$75,900.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	_ Shld, CI II, Modified	3077031	371.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0025	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	1.000	Ea
0030	Cold Milling HMA Surface	5010002	51,750.000	Syd
0035	Hand Patching	5010025	20.000	Ton
0040	HMA Approach	5010061	56.000	Ton
0045	HMA, 5EML	5012037	4,636.000	Ton
0050	_ Void Reducing Asphalt Membrane	5017001	15,723.000	Ft
0055	_ Hand Patching, Modified	5017031	7.000	Ton
0060	Post, Mailbox	8070095	1.000	Ea
0065	Post, Steel, 3 pound	8100371	476.000	Ft
0070	Sign, Type III, Rem	8100403	34.000	Ea
0075	Sign, Type IIIA	8100404	5.000	Sft
0080	Sign, Type IIIB	8100405	215.000	Sft
0085	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0090	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	138.000	Ft
0095	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, White	8112000	500.000	Ft
0100	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	28,578.000	Ft
0105	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 4 inch, Yellow	8112003	17,862.000	Ft
0110	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	4.000	Ea
0115	Pavt Mrkg, Preformed Thermopl, School	8112053	2.000	Ea
0120	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	500.000	Ft
0125	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	28,578.000	Ft
0130	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	17,862.000	Ft

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	572.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	572.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	572.000	Ft
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	512.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	512.000	Sft
0195	Traf Regulator Control	8120370	1.000	LSUM
0200	Monument Box Adj	8210005	2.000	Ea
0205	_ Monument Box, Modified	8217050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 066

Letting Date: March 3, 2023

Contract ID: 25000-206084

Description: Bridge reconstruction including removal and replacement with a 36-inch x 49-inch prestressed concrete bulb tee beams on Fenton Road over Thread Creek in the city of Flint, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206084A	23A0265	N/A	HIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	300.000	Dlr
0010	Mobilization, Max \$218,000.00	1100001	1.000	LSUM
0015	_ Clearing, Modified	2017002	11.000	Sta
0020	Dr Structure, Rem	2030011	6.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	135.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0035	Sidewalk, Rem	2040055	331.000	Syd
0040	Exploratory Investigation, Vertical	2040080	95.000	Ft
0045	_ Pave, Rem, Modified	2047011	3,790.000	Syd
0050	Embankment, CIP	2050010	1,428.000	Cyd
0055	Excavation, Earth	2050016	3,532.000	Cyd
0060	Flowable Fill, Non-Structural	2050148	4.000	Cyd
0065	Obliterate Old Road	2070001	5.000	Sta
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0075	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0080	Subbase, CIP	3010002	1,588.000	Cyd
0085	_ Aggregate Base, 24 inch, Modified	3027011	288.000	Syd
0090	_ Aggregate Base, 3 inch, Modified	3027011	762.000	Syd
0095	_ Aggregate Base, 7 inch, Modified	3027011	3,475.000	Syd
0100	Approach, CI II, 5 inch	3070027	531.000	Syd
0105	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0110	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0115	Sewer, CI A, 12 inch, Tr Det A	4020004	79.000	Ft
0120	Sewer, CI A, 12 inch, Tr Det B	4020033	434.000	Ft
0125	Sewer, CI B, 12 inch, Tr Det A	4020153	48.000	Ft
0130	Sewer, CI B, 15 inch, Tr Det A	4020154	108.000	Ft
0135	Sewer, CI B, 12 inch, Tr Det B	4020183	8.000	Ft

0140	Sewer, CI C, 12 inch, Tr Det A	4020303	57.000	Ft
0145	Sewer, CI C, 12 inch, Tr Det B	4020333	8.000	Ft
0150	Sewer, CI E, 12 inch, Tr Det B	4020600	57.000	Ft
0155	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0160	Dr Structure Cover, Adj, Case 2	4030006	13.000	Ea
0165	Dr Structure, 24 inch dia	4030200	4.000	Ea
0170	Dr Structure, 48 inch dia	4030210	14.000	Ea
0175	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	21.000	Ft
0180	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	13.000	Ft
0185	Dr Structure, Adj, Add Depth	4030280	34.000	Ft
0190	Dr Structure, Tap, 4 inch	4030304	20.000	Ea
0195	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0200	_ Dr Structure Cover, Type CF-1	4037050	7.000	Ea
0205	_ Dr Structure Cover, Type CF-2	4037050	9.000	Ea
0210	_ Dr Structure Cover, Type CF-3	4037050	10.000	Ea
0215	_ Dr Structure Cover, Type CF-5	4037050	8.000	Ea
0220	_ Dr Structure Cover, Type CF-6	4037050	1.000	Ea
0225	Underdrain, Fdn, 8 inch	4040035	20.000	Ft
0230	Underdrain, Subbase, 4 inch	4040061	1,436.000	Ft
0235	HMA, 3C	5010031	418.000	Ton
0240	HMA, 4EL	5012024	600.000	Ton
0245	Joint, Expansion, E3	6020208	40.000	Ft
0250	Driveway, Nonreinf Conc, 6 inch	8010005	28.000	Syd
0255	Driveway, Nonreinf Conc, 8 inch	8010007	10.000	Syd
0260	Curb and Gutter, Conc, Det F4	8020038	1,623.000	Ft
0265	_ Curb and Gutter, Bridge Approach, Modified	8027001	98.000	Ft
0270	Curb Ramp Opening, Conc	8030030	19.000	Ft
0275	Sidewalk, Conc, 4 inch	8030044	7,904.000	Sft
0280	Sidewalk, Conc, 6 inch	8030046	142.000	Sft
0285	Sidewalk, Conc, 8 inch	8030048	73.000	Sft
0290	Curb Ramp, Conc, 7 inch	8032003	381.000	Sft
0295	_ Detectable Warning Surface, Modified	8037001	18.000	Ft
0300	Guardrail Reflector	8070080	8.000	Ea
0305	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0310	_ Guardrail Departing Terminal, Type MGS-8, Modified	8077050	4.000	Ea
0315	Delineator Reflector, Green	8100133	4.000	Ea
0320	Post, Rigid, Delineator	8100361	4.000	Ea
0325	Post, Steel, 3 pound	8100371	596.000	Ft
0330	Sign, Type III, Rem	8100403	8.000	Ea
0335	Sign, Type IIIA	8100404	11.000	Sft
0340	Sign, Type IIIB	8100405	149.000	Sft
0345	Sign, Type IIIC	8100406	18.000	Sft
0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	2,280.000	Ft

0355	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	2,580.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	2,280.000	Ft
0365	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	2,580.000	Ft
0370	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	519.000	Ft
0375	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0385	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0390	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0395	Minor Traf Devices	8120170	1.000	LSUM
0400	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0405	Sign Cover	8120310	47.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0415	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0420	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	237.000	Sft
0425	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	237.000	Sft
0430	_ Conc Barrier, Temp, Furn, Modified	8127001	167.000	Ft
0435	_ Riprap, Plain, Modified	8137011	12.000	Syd
0440	_ Turf Establishment, Performance-No Rye, Special	8167011	6,046.000	Syd
0445	Gate Box, Adj, Case 1	8230431	1.000	Ea
0450	_ Water Main Conflict, 6 inch, Modified	8237050	3.000	Ea

Section: 2

0455	Backfill, Structure, CIP	2060002	2,378.000	Cyd
0460	Excavation, Fdn	2060010	1,934.000	Cyd
0465	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	410.000	Cyd
0470	Erosion Control, Turbidity Curtain, Deep	2080042	220.000	Ft
0475	Erosion Control, Turbidity Curtain, Shallow	2080044	220.000	Ft
0480	Underdrain, Fdn, 4 inch	4040031	547.000	Ft
0485	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0490	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0495	_ Conc Base Cse, Reinf, Spec	6027021	57.000	Cyd
0500	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0505	Pile, Steel, Furn and Driven, 14 inch	7050034	1,530.000	Ft
0510	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0515	Pile Point, Steel	7050039	60.000	Ea
0520	Pile, Steel, Splice	7050050	60.000	Ea
0525	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0530	Bridge Ltg, Oper and Maintain	7060002	203.000	Cyd
0535	Expansion Joint Device	7060050	40.000	Ft
0540	False Decking	7060060	3,972.000	Sft
0545	Reinforcement, Steel, Epoxy Coated	7060092	92,484.000	Lb
0550	Substructure Conc	7060100	406.000	Cyd
0555	Superstructure Conc	7060110	59.000	Cyd

0560	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0565	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0570	Superstructure Conc, Night Casting	7060113	203.000	Cyd
0575	Sealing Localized Cracks (Str 2840)	7060220	1.000	LSUM
0580	Conc, Grade 3500, Subfooting	7062000	22.000	Cyd
0585	_ PVC Liner for Expanded Polystyrene Block	7067011	312.000	Syd
0590	Bearing, Elastomeric, 3 inch	7070020	4,059.000	Sin
0595	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	875.000	Lb
0600	Steel Diaphragm, Prest Conc Beam, Erect	7070054	875.000	Lb
0605	Prest Conc Bulb-Tee Beam, Furn, 36 inch by 49 inch	7080110	471.000	Ft
0610	Prest Conc Bulb-Tee Beam, Erect, 36 inch by 49 inch	7080111	471.000	Ft
0615	Joint Waterproofing	7100001	610.000	Sft
0620	Joint Waterproofing, Expansion	7100003	224.000	Sft
0625	_ Silane Treatment	7107010	3,197.000	Sft
0630	Bridge Railing, Aesthetic Parapet Tube	7110005	160.000	Ft
0635	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	72.000	Ea
0640	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	2.000	Ea
0645	_ Riprap, Heavy, Modified	8137011	419.000	Syd



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 067**Letting Date:** March 3, 2023**Contract ID:** 03000-211686

Description: Hot mix asphalt surfacing, concrete curb, gutter, sidewalk and ramps, storm sewer, signing and pavement markings on South Main Street from the south city limits of Wayland to Sycamore Street in the city of Wayland, Allegan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211686A	23A0241	N/A	STL 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$170,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	4.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	3.000	Ea
0020	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0025	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0035	Dr Structure, Rem	2030011	28.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	3,225.000	Ft
0045	Sewer, Rem, 24 inch to 48 inch	2030016	20.000	Ft
0050	Curb and Gutter, Rem	2040020	5,755.000	Ft
0055	Masonry and Conc Structure, Rem	2040045	30.000	Cyd
0060	Sidewalk, Rem	2040055	745.000	Syd
0065	Exploratory Investigation, Vertical	2040080	20.000	Ft
0070	_ Pavt, Rem, Modified	2047011	11,825.000	Syd
0075	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0080	Flowable Fill, Non-Structural	2050148	20.000	Cyd
0085	_ Roadway Grading	2057002	35.000	Sta
0090	_ Trenching, Modified	2057002	3.000	Sta
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	46.000	Ea
0100	Erosion Control, Silt Fence	2080036	300.000	Ft
0105	Subbase, CIP	3010002	5,550.000	Cyd
0110	Aggregate Base, 8 inch	3020020	16,530.000	Syd
0115	Driveway Maintenance, Commercial	3062000	18.000	Ea
0120	Driveway Maintenance, Residential	3062001	28.000	Ea
0125	Intersection Maintenance	3062002	5.000	Ea
0130	Approach, CI II, 6 inch	3070028	64.000	Syd
0135	Approach, CI II, 8 inch	3070030	186.000	Syd

0140	Shld, CI II	3070121	20.000	Ton
0145	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0150	Sewer, CI A, 8 inch, Tr Det B	4020031	10.000	Ft
0155	Sewer, CI E, 12 inch, Tr Det B	4020600	2,420.000	Ft
0160	Sewer, CI E, 18 inch, Tr Det B	4020602	235.000	Ft
0165	Sewer, CI E, 24 inch, Tr Det B	4020603	25.000	Ft
0170	Sewer Tap, 12 inch	4021204	4.000	Ea
0175	Sewer Tap, 18 inch	4021206	1.000	Ea
0180	Video Taping Sewer and Culv Pipe	4021275	2,680.000	Ft
0185	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0190	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0195	Dr Structure Cover, Type D	4030025	5.000	Ea
0200	Dr Structure Cover, Type E	4030035	1.000	Ea
0205	Dr Structure Cover, Type K	4030050	18.000	Ea
0210	Dr Structure, 24 inch dia	4030200	13.000	Ea
0215	Dr Structure, 48 inch dia	4030210	20.000	Ea
0220	Dr Structure, Tap, 8 inch	4030308	1.000	Ea
0225	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0230	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0235	_ Dr Structure Cover, Type B, Modified	4037050	14.000	Ea
0240	_ Dr Structure Cover, Type G, Modified	4037050	1.000	Ea
0245	_ Dr Structure Cover, Type Q, Modified	4037050	7.000	Ea
0250	Cold Milling HMA Surface	5010002	610.000	Syd
0255	Hand Patching	5010025	20.000	Ton
0260	HMA Approach	5010061	42.000	Ton
0265	HMA, 4EL	5012024	3,175.000	Ton
0270	HMA, 5EL	5012036	1,345.000	Ton
0275	_ HMA Surface, Rem, Modified	5017011	7,480.000	Syd
0280	Driveway, Nonreinf Conc, 6 inch	8010005	1,390.000	Syd
0285	Curb and Gutter, Conc, Det C4	8020023	5,050.000	Ft
0290	Driveway Opening, Conc, Det M	8020050	770.000	Ft
0295	Curb Ramp Opening, Conc	8030030	130.000	Ft
0300	Sidewalk, Conc, 4 inch	8030044	10,885.000	Sft
0305	Sidewalk, Conc, 6 inch	8030046	3,600.000	Sft
0310	Curb Ramp, Conc, 6 inch	8032002	1,050.000	Sft
0315	_ Detectable Warning Surface, Cast Iron, Spec	8037001	85.000	Ft
0320	_ Sidewalk, Conc, 4 inch, Modified	8037010	1,525.000	Sft
0325	Post, Mailbox	8070095	13.000	Ea
0330	Post, Steel, 3 pound	8100371	650.000	Ft
0335	Sign, Type I, Rem	8100391	10.000	Ea
0340	Sign, Type IA	8100392	22.000	Sft
0345	Sign, Type III, Erect, Salv	8100402	6.000	Ea
0350	Sign, Type III, Rem	8100403	57.000	Ea
0355	Sign, Type IIIA	8100404	94.000	Sft
0360	Sign, Type IIIB	8100405	177.000	Sft

0365	_ Decorative Sign and Post, Erect, Salv	8107050	1.000	Ea
0370	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	125.000	Ft
0375	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	50.000	Ft
0380	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0385	Pavt Mrkg, Waterborne, 4 inch, White	8110231	575.000	Ft
0390	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,805.000	Ft
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0405	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0410	Dust Palliative, Applied	8120100	20.000	Ton
0415	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	115.000	Ft
0425	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0430	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0435	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0440	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0445	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	54.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	54.000	Sft
0455	Traf Regulator Control	8120370	1.000	LSUM
0460	Riprap, Plain	8130010	5.000	Syd
0465	Slope Restoration, Non-Freeway, Type A	8162001	8,000.000	Syd
0470	Slope Restoration, Non-Freeway, Type B	8162002	1,000.000	Syd
0475	Hydrant, Rem	8230091	3.000	Ea
0480	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	30.000	Ft
0485	_ Fire Hydrant, Modified	8237050	3.000	Ea
0490	_ Gate Box, Adj, Case 1, Modified	8237050	1.000	Ea
0495	_ Gate Box, Adj, Case 2, Modified	8237050	3.000	Ea
0500	_ Water Shutoff, Adj, Case 1, Modified	8237050	3.000	Ea
0505	_ Water Shutoff, Adj, Case 2, Modified	8237050	17.000	Ea
0510	Sanitary Structure Cover, Adj, Case 1	8252145	4.000	Ea
0515	Sanitary Structure Cover, Adj, Case 2	8252146	3.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 068**Letting Date:** March 3, 2023**Contract ID:** 41000-212261**Description:** Bridge rehabilitation including superstructure and partial substructure removal, guardrail and approach work on 18 Mile Road over the Rogue River, Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212261A	23A0242	N/A	BFPO 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$110,000.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	200.000	Ft
0015	Pavt, Rem	2040050	1,390.000	Syd
0020	Embankment, CIP	2050010	906.000	Cyd
0025	Excavation, Earth	2050016	855.000	Cyd
0030	Erosion Control, Silt Fence	2080036	1,200.000	Ft
0035	Subbase, CIP	3010002	1,087.000	Cyd
0040	_ Aggregate Base, 6 inch, 21AA Modified	3027021	330.000	Cyd
0045	Shld, CI II	3070121	130.000	Ton
0050	HMA, 4EML	5012025	400.000	Ton
0055	_ HMA Spillway	5017001	50.000	Ft
0060	_ Curb and Gutter, Bridge Approach, Modified	8027001	68.000	Ft
0065	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0070	Guardrail Reflector	8070080	16.000	Ea
0075	_ Guardrail Approach Terminal, Type 2B	8077050	4.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0090	Plastic Drum, Fluorescent, Furn	8120252	12.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	12.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	359.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	359.000	Sft
0110	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	22.000	Sft
0115	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	22.000	Sft
0120	_ Minor Traf Devices, Max. \$50,000	8127051	1.000	LSUM
0125	Mulch Blanket, High Velocity	8160028	2,100.000	Syd
0130	Topsoil Surface, Furn, 4 inch	8160062	2,100.000	Syd
0135	_ Roadside Seeding	8167011	2,100.000	Syd

Section: 2

0140	Structures, Rem Portions	2040061	1.000	LSUM
0145	Excavation, Fdn	2060010	224.000	Cyd
0150	_ Backfill, Structure, CIP, Modified	2067021	228.000	Cyd
0155	Erosion Control, Filter Bag	2080014	2.000	Ea
0160	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0165	Test Pile, CIP Conc, 14 inch	7050023	1.000	Ea
0170	Pile, Steel, Furn and Driven, 12 inch	7050030	1,500.000	Ft
0175	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0180	Pile, Steel, Splice	7050050	26.000	Ea
0185	_ Pile, CIP, Conc, Furn and Driven, 14 Inch, Modified	7057001	550.000	Ft
0190	Expansion Joint Device	7060050	39.000	Ft
0195	False Decking	7060060	2,000.000	Sft
0200	Reinforcement, Steel, Epoxy Coated	7060092	25,773.000	Lb
0205	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0210	Conc, Grade 3500	7062001	91.000	Cyd
0215	_ Conc, Grade 4000, Modified	7067021	85.000	Cyd
0220	Bearing, Elastomeric, 3/4 inch	7070011	3,042.000	Sin
0225	Bearing, Elastomeric, 1 1/2 inch	7070014	2,340.000	Sin
0230	Shear Developers	7070040	1.000	LSUM
0235	Structural Steel, Rolled Shape, Erect	7070070	72,440.000	Lb
0240	Structural Steel, Rolled Shape, Furn and Fab	7070071	72,440.000	Lb
0245	Bridge Barrier Railing, Type 4	7110001	152.000	Ft
0250	Ltg for Night Work	8120160	1.000	LSUM
0255	Riprap, Plain	8130010	60.000	Syd
0260	_ Riprap, Modified	8137011	160.000	Syd



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 069**Letting Date:** March 3, 2023**Contract ID:** 82000-209891

Description: 0.49 mi of concrete reconstruction, hot mix asphalt surfacing, concrete box culvert, guardrail, signing and pavement markings on Wayne Road at Ecorse Road in the city of Romulus, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209891A	22A1107	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$313,000.00	1100001	1.000	LSUM
0010	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0015	Dr Structure, Rem	2030011	9.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	1,030.000	Ft
0025	Sewer, Rem, 24 inch to 48 inch	2030016	64.000	Ft
0030	Curb and Gutter, Rem	2040020	1,160.000	Ft
0035	Guardrail, Rem	2040035	28.000	Ft
0040	Pavt, Rem	2040050	11,507.000	Syd
0045	Sidewalk, Rem	2040055	51.000	Syd
0050	Exploratory Investigation, Vertical	2040080	30.000	Ft
0055	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0060	Excavation, Earth	2050016	3,460.000	Cyd
0065	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0070	_ Embankment, CIP, Modified	2057021	500.000	Cyd
0075	_ Subgrade Undercutting, Type I, Modified	2057021	250.000	Cyd
0080	_ Subgrade Undercutting, Type II, Modified	2057021	250.000	Cyd
0085	_ Subgrade Undercutting, Type IV, Modified	2057021	300.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0100	Erosion Control, Silt Fence	2080036	4,300.000	Ft
0105	_ Erosion Control, Stone Filter at Structure	2087050	3.000	Ea
0110	Project Cleanup	2090001	1.000	LSUM
0115	_ Aggregate Base, 12 inch, Modified	3027011	16,403.000	Syd
0120	_ Aggregate Base, 6 inch, Modified	3027011	1,254.000	Syd
0125	_ Shld, Cl I, 6 inch, Modified	3077011	317.000	Syd
0130	Geotextile, Stabilization	3080010	16,403.000	Syd
0135	Culv End Sect, 18 inch	4010018	1.000	Ea

0140	Culv End Sect, 24 inch	4010024	2.000	Ea
0145	Outfall Label	4011115	3.000	Ea
0150	Culv End Sect 18 inch, Grate	4012022	1.000	Ea
0155	Culv End Sect 24 inch, Grate	4012024	2.000	Ea
0160	Sewer, Cl A, 12 inch, Tr Det B	4020033	961.000	Ft
0165	Sewer, Cl A, 18 inch, Tr Det B	4020035	1,350.000	Ft
0170	Sewer, Cl A, 24 inch, Tr Det B	4020036	280.000	Ft
0175	Video Taping Sewer and Culv Pipe	4021275	2,800.000	Ft
0180	_ Storm Sewer Cleanout	4027001	500.000	Ft
0185	Dr Structure, Cleaning	4030290	10.000	Ea
0190	Dr Structure, Temp Lowering	4030390	5.000	Ea
0195	_ Dr Structure Cover, Adj	4037050	3.000	Ea
0200	_ Dr Structure Cover, Adj, Furn Cover A	4037050	3.000	Ea
0205	_ Dr Structure Cover, Adj, Furn Cover C	4037050	3.000	Ea
0210	_ Dr Structure Cover, Adj, Furn Cover S	4037050	3.000	Ea
0215	_ Inlet A, Cover S	4037050	13.000	Ea
0220	_ Mh D, 48 inch dia, Cover A	4037050	1.000	Ea
0225	_ Mh D, 48 inch dia, Cover S	4037050	15.000	Ea
0230	_ Mh D, 60 inch dia, Cover S	4037050	2.000	Ea
0235	_ San Structure Cover, Adj	4037050	1.000	Ea
0240	_ Storm Water Pollution Control Unit, 2.7 cfs	4037050	1.000	Ea
0245	_ Storm Water Pollution Control Unit, 3.2 cfs	4037050	1.000	Ea
0250	_ Storm Water Pollution Control Unit, 4.1 cfs	4037050	1.000	Ea
0255	_ Storm Water Pollution Control Unit, 4.8 cfs	4037050	1.000	Ea
0260	_ Storm Water Pollution Control Unit, 6.1 cfs	4037050	1.000	Ea
0265	_ Storm Water Pollution Control Unit, 6.8 cfs	4037050	1.000	Ea
0270	_ Underdrain Trench Lining	4047001	4,280.000	Ft
0275	_ Underdrain, Subgrade, Shallow, 6 inch	4047001	4,280.000	Ft
0280	Culv, Precast Conc Box, 5 foot by 3 foot	4060102	86.000	Ft
0285	HMA Surface, Rem	5010005	11,991.000	Syd
0290	_ Misc HMA Approach	5017031	218.000	Ton
0295	_ Misc HMA, 3EMH	5017031	395.000	Ton
0300	_ Misc HMA, 4EMH	5017031	165.000	Ton
0305	_ Misc HMA, 5EMH	5017031	104.000	Ton
0310	Joint, Contraction, Cp	6020200	6,900.000	Ft
0315	Joint, Expansion, E2	6020207	650.000	Ft
0320	Joint, Contraction, Cp, Intersection	6020250	380.000	Ft
0325	_ Cold Weather Protection, Conc Pavt	6027011	11,215.000	Syd
0330	_ Conc Pavt, Nonreinf, 10 inch, Modified	6027011	11,215.000	Syd
0335	_ Diamond Grinding Conc Pavt, Modified	6037011	600.000	Syd
0340	Reinforcement, Steel, Culv and Headwall	7060091	260.000	Lb
0345	Conc, Grade 3500	7062001	50.000	Cyd
0350	Driveway, Nonreinf Conc, 6 inch	8010005	993.000	Syd
0355	Driveway, Nonreinf Conc, 8 inch	8010007	119.000	Syd
0360	Curb and Gutter, Conc, Det F3	8020037	4,461.000	Ft

0365	Driveway Opening, Conc, Det M	8020050	293.000	Ft
0370	Detectable Warning Surface	8030010	25.000	Ft
0375	Curb Ramp Opening, Conc	8030030	25.000	Ft
0380	_ Curb Ramp, Conc, 8 inch	8037010	178.000	Sft
0385	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0390	Guardrail Reflector	8070080	4.000	Ea
0395	Post, Mailbox	8070095	7.000	Ea
0400	Guardrail, Type MGS-8, 108 inch Post	8072180	25.000	Ft
0405	_ Field Office	8097043	8.000	Mo
0410	_ Sign, Type B, Perm	8107010	168.000	Sft
0415	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	320.000	Ft
0420	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	155.000	Ft
0425	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	18.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0435	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0440	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	400.000	Ft
0445	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	5,000.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	80.000	Ft
0455	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	100.000	Ft
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0465	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0470	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0475	Minor Traf Devices	8120170	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft
0485	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0490	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0495	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0500	Sign Cover	8120310	5.000	Ea
0505	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0510	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0515	Sign, Type B, Temp, Prismatic, Furn	8120350	593.000	Sft
0520	Sign, Type B, Temp, Prismatic, Oper	8120351	593.000	Sft
0525	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	830.000	Sft
0530	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	830.000	Sft
0535	Traf Regulator Control	8120370	1.000	LSUM
0540	_ Riprap, Plain, Modified	8137011	51.000	Syd
0545	Mulch Blanket	8160027	8,840.000	Syd
0550	Topsoil Surface, Furn, 2 inch	8160060	8,840.000	Syd
0555	Water, Sodding/Seeding	8160090	26.000	Unit
0560	_ Seeding, Mixture THM, Modified	8167011	8,840.000	Syd
0565	Monument Box	8210001	2.000	Ea

0570	Monument Preservation	8210010	1.000	Ea
0575	Protect Corners	8210020	1.000	Ea
0580	_ Monument, Prec Bench Mark	8217050	2.000	Ea
0585	Gate Box, Adj, Case 1	8230431	2.000	Ea
0590	Staking Plan Errors and Extras, Max \$180/hour	8240002	34.000	Hr
0595	_ Contractor Staking, Modified	8247051	1.000	LSUM
0600	_ Audio-Video Rte Survey	8507051	1.000	LSUM



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 070**Letting Date:** March 3, 2023**Contract ID:** 82000-215558

Description: 1.04 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Wayne Road from Palmer Road northerly to Cherry Hill Road in the city of Westland, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215558A	23A0168	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$172,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	351.000	Ft
0015	Sidewalk, Rem	2040055	328.000	Syd
0020	_ Pavt Repr, Remove, Patching	2047011	1,400.000	Syd
0025	_ Misc Obstruction, Rem	2047021	1.000	Cyd
0030	Excavation, Earth	2050016	60.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	35.000	Ea
0040	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0045	Project Cleanup	2090001	1.000	LSUM
0050	Dr Structure, Temp Lowering	4030390	24.000	Ea
0055	_ Dr Structure Reconstruct	4037001	20.000	Ft
0060	_ Dr Structure Cover, Adj	4037050	58.000	Ea
0065	_ Dr Structure Cover, Adj, Furn Cover A	4037050	2.000	Ea
0070	_ Dr Structure Cover, Adj, Furn Cover S	4037050	2.000	Ea
0075	_ San Structure Cover, Adj	4037050	2.000	Ea
0080	HMA Surface, Rem	5010005	651.000	Syd
0085	_ Cold Milling HMA Surface, Modified	5017011	38,470.000	Syd
0090	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0095	_ Conditioning Existing Pavement	5017031	658.000	Ton
0100	_ Misc HMA Approach	5017031	176.000	Ton
0105	_ Misc HMA, 4EMH	5017031	4,691.000	Ton
0110	_ Misc HMA, 5EMH	5017031	3,333.000	Ton
0115	_ Misc HMA, Wedge	5017031	209.000	Ton
0120	Joint, Contraction, Cp	6020200	560.000	Ft
0125	Joint, Expansion, E2	6020207	84.000	Ft
0130	_ Cold Weather Protection, Conc Pavt	6027011	1,873.000	Syd
0135	Lane Tie, Epoxy Anchored	6030030	273.000	Ea

0140	_ Pavt Repr, Nonreinf Conc, Patching	6037011	1,400.000	Syd
0145	Curb and Gutter, Conc, Det F5	8020039	100.000	Ft
0150	_ Conc Curb Cap	8027001	70.000	Ft
0155	_ Conc Curb Cap, Patching	8027001	743.000	Ft
0160	Detectable Warning Surface	8030010	195.000	Ft
0165	Curb Ramp Opening, Conc	8030030	351.000	Ft
0170	Sidewalk, Conc, 4 inch	8030044	1,921.000	Sft
0175	Sidewalk, Clay Brick Pavers, Rem	8030051	75.000	Sft
0180	Curb Ramp, Conc, 4 inch	8032001	1,174.000	Sft
0185	_ Curb Ramp, Conc, 8 inch	8037010	1,776.000	Sft
0190	_ Field Office	8097043	4.000	Mo
0195	_ Sign, Type B, Perm	8107010	260.000	Sft
0200	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	2,000.000	Ft
0205	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	500.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	11.000	Ea
0215	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0220	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0225	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,800.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	12,500.000	Ft
0235	Rem Spec Mrkg	8110343	1,240.000	Sft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	70.000	Ea
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	70.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0265	Minor Traf Devices	8120170	1.000	LSUM
0270	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	300.000	Ft
0275	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,000.000	Ft
0285	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0295	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	1,000.000	Ft
0300	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,000.000	Ft
0305	Sign Cover	8120310	5.000	Ea
0310	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0315	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	1,159.000	Sft
0325	Sign, Type B, Temp, Prismatic, Oper	8120351	1,159.000	Sft
0330	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	28.000	Sft
0335	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	28.000	Sft
0340	Traf Regulator Control	8120370	1.000	LSUM

0345	Topsoil Surface, Furn, 2 inch	8160060	1,836.000	Syd
0350	Water, Sodding/Seeding	8160090	57.000	Unit
0355	_ Sodding, Modified	8167011	1,836.000	Syd
0360	Monument Box Adj	8210005	3.000	Ea
0365	Monument Preservation	8210010	3.000	Ea
0370	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr
0375	_ Contractor Staking, Modified	8247051	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230303 071

Letting Date: March 3, 2023

Contract ID: 19000-214284

Description: 0.78 mi of concrete shared-use path and sidewalk and ramp upgrades and drainage on Webb Road from the east city limit of Dewitt to Old US-27, Clinton County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214284A	23A0243	N/A	TAU 19000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$57,500.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0025	Dr Structure, Rem	2030011	1.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	210.000	Ft
0035	Curb and Gutter, Rem	2040020	410.000	Ft
0040	Pavt, Rem	2040050	345.000	Syd
0045	Sidewalk, Rem	2040055	1,010.000	Syd
0050	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0055	_ Ditching, Modified	2057001	1,772.000	Ft
0060	_ Sidewalk Grading	2057001	2,997.000	Ft
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0070	Erosion Control, Silt Fence	2080036	1,050.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	728.000	Cyd
0085	Aggregate Base, 6 inch	3020016	230.000	Syd
0090	Culv End Sect, 12 inch	4010012	13.000	Ea
0095	Culv End Sect, 15 inch	4010015	2.000	Ea
0100	Culv, CI A, 12 inch	4010131	107.000	Ft
0105	Culv, CI A, 15 inch	4010132	23.000	Ft
0110	Culv, CI F, 12 inch	4010607	203.000	Ft
0115	_ Culv, CI A, 6 inch	4017001	7.000	Ft
0120	Sewer, CI A, 12 inch, Tr Det B	4020033	674.000	Ft
0125	Sewer Tap, 12 inch	4021204	2.000	Ea
0130	Sewer Tap, 15 inch	4021205	3.000	Ea
0135	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0140	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea

0145	Dr Structure Cover, Type G	4030040	6.000	Ea
0150	Dr Structure, 48 inch dia	4030210	7.000	Ea
0155	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0160	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0165	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0170	HMA Surface, Rem	5010005	685.000	Syd
0175	HMA Approach	5010061	66.000	Ton
0180	_ Underground Sprinkling Systems, Restore	8007060	5,000.000	Dlr
0185	Driveway, Nonreinf Conc, 6 inch	8010005	605.000	Syd
0190	Curb, Conc, Det E2	8020002	200.000	Ft
0195	Curb and Gutter, Conc, Det D2	8020031	40.000	Ft
0200	Curb and Gutter, Conc, Det F4	8020038	137.000	Ft
0205	Detectable Warning Surface	8030010	165.000	Ft
0210	Curb Ramp Opening, Conc	8030030	151.000	Ft
0215	Sidewalk, Conc, 4 inch	8030044	40,750.000	Sft
0220	Sidewalk, Conc, 6 inch	8030046	2,360.000	Sft
0225	Curb Ramp, Conc, 6 inch	8032002	1,365.000	Sft
0230	Shared use Path, Grading	8060030	3,030.000	Ft
0235	Post, Mailbox	8070095	1.000	Ea
0240	Pavt Mrkg, Waterborne, 6 inch, White	8110233	837.000	Ft
0245	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0255	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0275	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	512.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	512.000	Sft
0295	Riprap, Plain	8130010	20.000	Syd
0300	_ Sulfur Application	8157010	200.000	Sft
0305	_ Root Pruning	8157051	1.000	LSUM
0310	_ Turf Establishment, Performance	8167011	9,175.000	Syd

Schedule of Pay Items

Report v1

Letting Call: 230303 072

Letting Date: March 3, 2023

Contract ID: 25000-211462

Description: 1.96 mi of hot mix asphalt shared-use path and concrete sidewalk and ramps, and installation of a RRFB crossing system on Morrish Road at Swartz Creek, Elms and Syring Elementary, and Swartz Creek Middle School in the city of Swartz Creek, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211462A	23A0281	N/A	TA 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$73,000.00	1100001	1.000	LSUM
0010	_ Clearing, Special	2017002	18.000	Sta
0015	Curb and Gutter, Rem	2040020	313.000	Ft
0020	Fence, Rem	2040025	93.000	Ft
0025	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0030	_ Pavt, Rem, Modified	2047011	520.000	Syd
0035	_ Sidewalk, Rem, Modified	2047011	195.000	Syd
0040	_ Station Grading, Sidewalk	2057002	25.000	Sta
0045	_ Subgrade Undercutting, Type II, Modified	2057021	125.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	19.000	Ea
0055	Erosion Control, Silt Fence	2080036	4,865.000	Ft
0060	Project Cleanup	2090001	1.000	LSUM
0065	Aggregate Base, 4 inch	3020010	2,447.000	Syd
0070	Aggregate Base, 6 inch	3020016	6,604.000	Syd
0075	Maintenance Gravel, LM	3060021	250.000	Cyd
0080	Culv End Sect, 12 inch	4010012	6.000	Ea
0085	Culv, CI B, 12 inch	4010233	162.000	Ft
0090	_ Culv, CI B, 8 inch	4017001	132.000	Ft
0095	_ Culv End Sect, 8 inch	4017050	12.000	Ea
0100	Dr Structure Cover, Type B	4030010	1.000	Ea
0105	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0110	_ Structure Cover, Adj, Add Depth	4037001	1.000	Ft
0115	_ San Structure Cover, Adj	4037050	6.000	Ea
0120	_ Stm Structure Cover, Adj	4037050	4.000	Ea
0125	_ Utl Structure Cover, Adj	4037050	1.000	Ea
0130	Hand Patching	5010025	104.000	Ton
0135	HMA Approach	5010061	10.000	Ton

0140	Driveway, Nonreinf Conc, 6 inch	8010005	271.000	Syd
0145	Curb and Gutter, Conc, Det F4	8020038	227.000	Ft
0150	_ Curb and Gutter, Conc, Det B2, Modified	8027001	31.000	Ft
0155	Detectable Warning Surface	8030010	76.000	Ft
0160	Curb Ramp Opening, Conc	8030030	118.000	Ft
0165	Sidewalk, Conc, 4 inch	8030044	10,023.000	Sft
0170	Sidewalk, Conc, 6 inch	8030046	1,908.000	Sft
0175	Curb Ramp, Conc, 6 inch	8032002	1,372.000	Sft
0180	Shared use Path, Conc	8060020	213.000	Syd
0185	Shared use Path, HMA	8060040	960.000	Ton
0190	_ Shared use Path, Grading, Modified	8067001	5,017.000	Ft
0195	_ Post Mailbox, Remove and Reset	8077050	6.000	Ea
0200	_ Fence, Split Rail with Wood Post	8087001	2,676.000	Ft
0205	Post, Steel, 3 pound	8100371	126.000	Ft
0210	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0215	Sign, Type IIIB	8100405	118.000	Sft
0220	_ Flsh Beacon, Rectangular Rapid, Solar Power	8107050	2.000	Ea
0225	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	446.000	Ft
0230	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	128.000	Ft
0235	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	81.000	Ft
0240	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	150.000	Ft
0245	Pedestrian Type II Barricade, Temp	8120026	25.000	Ea
0250	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0255	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0265	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0275	Traf Regulator Control	8120370	1.000	LSUM
0280	Riprap, Plain	8130010	68.000	Syd
0285	_ Turf Establishment, Performance	8167011	7,501.000	Syd
0290	Pedestal, Alum	8200100	2.000	Ea
0295	Pedestal, Fdn	8200105	2.000	Ea
0300	Pushbutton and Sign	8200121	2.000	Ea
0305	_ R1-6 Gateway Treatment Package	8207051	1.000	LSUM
0310	Protect Corners	8210020	10.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 073**Letting Date:** March 3, 2023**Contract ID:** 47000-214434

Description: 0.33 mi of hot mix asphalt surface removal and resurfacing, aggregate base, concrete curb replacement and pavement markings on Fowlerville Road from Van Buren Road north to the south village limits of Fowlerville, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214434A	23A0229	N/A	HIC 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$75,900.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	407.000	Ft
0015	Guardrail, Rem	2040035	1,375.000	Ft
0020	Pavt, Rem	2040050	795.000	Syd
0025	Sidewalk, Rem	2040055	27.000	Syd
0030	Embankment, CIP	2050010	181.000	Cyd
0035	Excavation, Earth	2050016	215.000	Cyd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0045	Aggregate Base	3020001	293.000	Ton
0050	Aggregate Base, LM	3020002	702.000	Cyd
0055	Aggregate Base, Conditioning	3020050	7,327.000	Syd
0060	Maintenance Gravel	3060020	25.000	Ton
0065	Shld, CI II	3070121	323.000	Ton
0070	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0075	HMA Surface, Rem	5010005	6,841.000	Syd
0080	Pavt for Butt Joints, Rem	5010008	383.000	Syd
0085	Hand Patching	5010025	50.000	Ton
0090	HMA Approach, High Stress	5010520	889.000	Ton
0095	HMA, 3EML	5012013	678.000	Ton
0100	HMA, 4EML, High Stress	5012073	566.000	Ton
0105	HMA, 5EML, High Stress	5012085	454.000	Ton
0110	_ HMA Wedging	5017031	79.000	Ton
0115	Joint, Expansion, E3	6020208	60.000	Ft
0120	Conc Pavt, Bridge Approach, Reinf	6020600	142.000	Syd
0125	Driveway, Nonreinf Conc, 7 inch	8010006	299.000	Syd
0130	Curb and Gutter, Conc, Det D2	8020031	108.000	Ft
0135	Curb and Gutter, Conc, Det F4	8020038	188.000	Ft

0140	Curb and Gutter, Bridge Approach, Det 4A	8022021	100.000	Ft
0145	Detectable Warning Surface	8030010	10.000	Ft
0150	Curb Ramp Opening, Conc	8030030	22.000	Ft
0155	Curb Ramp, Conc, 6 inch	8032002	300.000	Sft
0160	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
0165	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0170	Guardrail Reflector	8070080	42.000	Ea
0175	Post, Mailbox	8070095	2.000	Ea
0180	Guardrail, Type MGS-8, 108 inch Post	8072180	1,038.000	Ft
0185	Delineator Reflector, Green	8100133	6.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	61.000	Ft
0195	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,620.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,080.000	Ft
0205	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,620.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	3,080.000	Ft
0215	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	42.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Thru Guide Line, Yellow	8110567	35.000	Ft
0225	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0235	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,500.000	Ft
0260	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0265	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0270	Sign Cover	8120310	15.000	Ea
0275	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0280	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0285	Sign, Type A, Temp, Prismatic, Furn	8120340	92.000	Sft
0290	Sign, Type A, Temp, Prismatic, Oper	8120341	92.000	Sft
0295	Sign, Type B, Temp, Prismatic, Furn	8120350	818.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	818.000	Sft
0305	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	243.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	243.000	Sft
0315	Traf Regulator Control	8120370	1.000	LSUM
0320	Slope Restoration, Non-Freeway, Type E	8162005	2,885.000	Syd
0325	Conduit, Directional Bore, 1, 3 inch	8182035	73.000	Ft
0330	Conduit, DB, 1, 1 1/2 inch	8182048	41.000	Ft
0335	Hh, Round	8182310	2.000	Ea

0340	Pedestal, Alum	8200100	2.000	Ea
0345	Pedestal, Fdn	8200105	2.000	Ea
0350	Pushbutton and Sign	8200121	2.000	Ea
0355	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0360	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0365	Wireless Vehicle Sensor Node, Salv	8200427	6.000	Ea
0370	Protect Corners	8210020	4.000	Ea
0375	Contractor Staking	8240001	1.000	LSUM
0380	Staking Plan Errors and Extras, Max \$180/hour	8240002	9.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 230303 074

Letting Date: March 3, 2023

Contract ID: 63000-211914-2

Description: 0.79 mi of hot mix asphalt cold milling and resurfacing, shoulders, trenching, high friction surface treatment and pavement markings on Hickory Ridge Road from Clyde Road to Catherine Anne Road and on Frembes Road from Hatchery Road to US-24, Oakland County. This is a Local Agency Project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211914A	22A0495	N/A	HSIP 63000
211915A	22A0497	N/A	HSIP 63000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Grand Trunk Western Railroad	1027060	2,000.000	Dlr
0010	_ Reimbursed Permit Fees	1077060	90.000	Dlr
0015	Mobilization, Max \$28,000.00	1100001	1.000	LSUM
0020	Berm Grading	2050008	6.000	Sta
0025	Aggregate Base, Conditioning	3020050	2,308.000	Syd
0030	Trenching	3070200	76.000	Sta
0035	_ Shoulder, 21AA	3077031	149.000	Ton
0040	_ Public Utility Structure, Adj, Add Depth	4037001	10.000	Ft
0045	_ Public Utility Structure Cover, Adj, Case 2	4037050	5.000	Ea
0050	Edge Trimming	5010009	472.000	Ft
0055	Hand Patching	5010025	616.000	Ton
0060	HMA, 5EML	5012037	159.000	Ton
0065	_ Cold Milling Pavt	5017011	1,903.000	Syd
0070	_ Pavt, Cleaning, RCOC	5017051	1.000	LSUM
0075	High Friction Surface Treatment	5060800	1,441.000	Syd
0080	Post, Mailbox	8070095	19.000	Ea
0085	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	1,920.000	Ft
0090	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,920.000	Ft
0095	Rem Raised Pavt Marker	8110332	20.000	Ea
0100	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, Yellow	8112132	1,920.000	Ft
0105	_ Raised Pavt Marker, Retrflc, Amber, Bidirectional	8117050	20.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	86.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	86.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0125	Lighted Arrow, Type C, Oper	8120141	4.000	Ea

0130	Minor Traf Devices	8120170	1.000	LSUM
0135	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,416.000	Ft
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	200.000	Ft
0145	Sign, Type B, Temp, Prismatic, Furn	8120350	224.000	Sft
0150	Sign, Type B, Temp, Prismatic, Oper	8120351	224.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0165	Traf Regulator Control	8120370	1.000	LSUM
0170	_ Turf Establishment, THM Seed, Regular Mulch, Performance, RCOC	8167011	50.000	Syd
0175	_ Sinusoidal Corrugations, Milled, HMA Centerline, RCOC	8227001	500.000	Ft



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 075**Letting Date:** March 3, 2023**Contract ID:** 74000-206514

Description: 0.50 mi of hot mix asphalt base crushing, shaping and resurfacing, sidewalk ramps and pavement markings on Main Street from Maple Street to east of the railroad and from the west village limits of Minden City to Maple Street in the city of Minden, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206514A	23A0052	N/A	STL 74000
206521A	22A1039	N/A	STL 74000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Huron and Eastern Railway	1027060	1,000.000	Dlr
0010	Mobilization, Max \$74,500.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	175.000	Ft
0020	Pavt, Rem	2040050	66.000	Syd
0025	Sidewalk, Rem	2040055	250.000	Syd
0030	HMA Base Crushing and Shaping	3050002	11,760.000	Syd
0035	_ Material, Surplus and Unsuitable, Rem, LM, Modified	3057021	2,030.000	Cyd
0040	Shld, CI II	3070121	150.000	Ton
0045	Dr Structure Cover, Adj, Case 1	4030005	25.000	Ea
0050	Dr Structure, Tap, 4 inch	4030304	6.000	Ea
0055	Underdrain, Edge of Pavt, 12 inch	4040021	5,350.000	Ft
0060	HMA Surface, Rem	5010005	80.000	Syd
0065	Hand Patching	5010025	30.000	Ton
0070	HMA, 3C	5010031	3,020.000	Ton
0075	HMA, 13A	5010033	2,400.000	Ton
0080	HMA Approach	5010061	125.000	Ton
0085	_ Cold Milling HMA Surface, Modified	5017011	8,195.000	Syd
0090	Curb and Gutter, Conc, Det D2	8020031	50.000	Ft
0095	Detectable Warning Surface	8030010	155.000	Ft
0100	Curb Ramp Opening, Conc	8030030	175.000	Ft
0105	Sidewalk, Conc, 6 inch	8030046	100.000	Sft
0110	Curb Ramp, Conc, 6 inch	8032002	2,110.000	Sft
0115	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,000.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,000.000	Ft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea

0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0135	Pedestrian Type II Barricade, Temp	8120026	34.000	Ea
0140	Pedestrian Type II Channelizer, Temp	8120027	14.000	Ft
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0180	Traf Regulator Control	8120370	1.000	LSUM
0185	Slope Restoration, Non-Freeway, Type D	8162004	50.000	Syd
0190	Monument Preservation	8210010	2.000	Ea
0195	Gate Box, Adj, Case 1	8230431	17.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 076

Letting Date: March 3, 2023

Contract ID: 41000-215916

Description: 1.00 mi of hot mix asphalt reconstruction and intersection widening and pavement markings on 100th Street SE from East Paris Ave east to Patterson Ave, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215916A	23A0272	N/A	STL 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$141,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	22.000	Ea
0015	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0020	Stump, Rem, 6 inch to 18 inch	2020008	26.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	14.000	Ea
0030	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0035	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Curb and Gutter, Rem	2040020	100.000	Ft
0045	Pavt, Rem	2040050	79.000	Syd
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0055	Embankment, CIP	2050010	1,228.000	Cyd
0060	Excavation, Earth	2050016	20,014.000	Cyd
0065	Subgrade Undercutting, Type II	2050041	2,500.000	Cyd
0070	Erosion Control, Silt Fence	2080036	2,000.000	Ft
0075	_ Project Cleanup, Modified	2097051	1.000	LSUM
0080	Subbase, CIP	3010002	14,871.000	Cyd
0085	_ Aggregate Base, Modified	3027021	4,800.000	Cyd
0090	Approach, CI I, CIP	3070002	224.000	Cyd
0095	Shld, CI II, CIP	3070122	540.000	Cyd
0100	Culv End Sect, Conc, 12 inch	4010047	38.000	Ea
0105	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0110	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0115	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0120	Culv, CI B, Conc, 12 inch	4010267	485.000	Ft
0125	Culv, CI B, Conc, 15 inch	4010268	56.000	Ft
0130	Culv, CI B, Conc, 18 inch	4010269	120.000	Ft
0135	Culv, Outlet Headwall, 36 inch	4012006	1.000	Ea
0140	_ Sewer, CL A, Perforated SLCPP W/Sock, 18 inch, Tr Det B	4027001	198.000	Ft

0145	Dr Structure Cover, Type B	4030010	1.000	Ea
0150	Dr Structure, 48 inch dia	4030210	1.000	Ea
0155	Underdrain, Outlet Ending, 6 inch	4040113	6.000	Ea
0160	_ Underdrain, Subbase, 6 Inch, Modified	4047001	1,700.000	Ft
0165	HMA Surface, Rem	5010005	16,430.000	Syd
0170	HMA Approach	5010061	153.000	Ton
0175	HMA, 3EML	5012013	3,700.000	Ton
0180	HMA, 5EML	5012037	1,850.000	Ton
0185	_ HMA Spillway	5017001	90.000	Ft
0190	Driveway, Nonreinf Conc, 6 inch	8010005	77.000	Syd
0195	Curb and Gutter, Conc, Det B2	8020016	100.000	Ft
0200	Post, Mailbox	8070095	12.000	Ea
0205	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,456.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,456.000	Ft
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0225	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0235	Minor Traf Devices	8120170	1.000	LSUM
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	307.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	307.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	24.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	24.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0265	Riprap, Plain	8130010	190.000	Syd
0270	Mulch Blanket, High Velocity	8160028	2,000.000	Syd
0275	Topsoil Surface, Salv, 4 inch	8160077	20,000.000	Syd
0280	_ Roadside Seeding	8167011	20,000.000	Syd
0285	Monument Box	8210001	1.000	Ea
0290	Monument Preservation	8210010	1.000	Ea



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 077**Letting Date:** March 3, 2023**Contract ID:** 73000-207357

Description: Application of special pavement markings on various routes, Arenac, Bay, Clare, Genesee, Gladwin, Gratiot, Huron, Isabella, Lapeer, Midland, Saginaw, Sanilac, Shiawassee, St. Clair and Tuscola Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207357A	23A0315	N/A	HSIP 73000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$77,200.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,103.000	Ft
0015	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	442.000	Ft
0020	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	5,841.000	Ft
0025	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	2,565.000	Ft
0030	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	37.000	Ea
0040	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	8.000	Ea
0045	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	15.000	Ea
0050	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	703.000	Ea
0055	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	71.000	Ea
0060	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	78.000	Ea
0065	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	263.000	Ea
0070	Pavt Mrkg, Ovly Cold Plastic, Rt, Thru and Lt Turn Arrow Sym	8110073	2.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, School	8110074	81.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	22.000	Ea
0085	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	11.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	53.000	Ea
0095	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	49,184.000	Ft
0100	Pavt Mrkg, Polyurea, Yield	8110103	6.000	Ea
0105	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	34.000	Ea
0110	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	150.000	Ft
0115	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	18,116.000	Ft
0120	Rem Spec Mrkg	8110343	109,812.000	Sft

0125	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	4.000	Ea
0130	Pavt Mrkg, Polyurea, Merge	8110407	8.000	Ea
0135	Pavt Mrkg, Polyurea, Only	8110410	10.000	Ea
0140	Recessing Pavt Mrkg, Transv	8110451	200.000	Sft
0145	Recessing Pavt Mrkg, Guide Line	8110453	70.000	Ft
0150	Pavt Mrkg, Thermopl, Rumble Strip	8110470	1,056.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	20.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	118.000	Ft
0165	Pavt Mrkg, Preformed Thermopl, Canada	8112071	6.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	23.000	Ea
0175	_ Call Back, Intermediate Transportation, Spec Mrkg, \$4.55	8117003	500.000	Mi
0180	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	500.000	Mi
0185	_ Call Back, Mobilization, Spec Mrkg, \$570.00	8117050	3.000	Ea
0190	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	3.000	Ea
0195	_ Pavt Mrkg, Preformed Thermopl, US-10 Route Shield, 7 foot by 17.5 foot	8117050	5.000	Ea
0200	_ Pavt Mrkg, Preformed Thermopl, US-127 Route Shield, 8 foot by 20 foot	8117050	8.000	Ea
0205	_ Pavt Mrkg, Preformed Thermopl, USA	8117050	4.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230303 078

Letting Date: March 3, 2023

Contract ID: 21000-207368

Description: Application of longitudinal pavement markings on various trunkline routes, Alger, Baraga, Chippewa, Delta, Dickinson, Gogebic, Houghton, Iron, Keweenaw, Luce, Mackinac, Marquette, Menominee, Ontonagon, and Schoolcraft Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207368A	23A0319	N/A	HSIP 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$251,800.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	594,457.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	588,815.000	Ft
0020	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	16,323.000	Ft
0025	Pavt Mrkg, Waterborne, 6 inch, White	8110233	17,235,614.000	Ft
0030	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	7,605,128.000	Ft
0035	Pavt Mrkg, Waterborne, 12 inch, White	8110237	27,892.000	Ft
0040	Recessing Pavt Mrkg, Longit	8110450	8,100.000	Ft
0045	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	453,509.000	Ft
0050	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	28,136.000	Ft
0055	Pavt Mrkg, Wet Reflective Waterborne, 12 inch, White	8112146	16,323.000	Ft
0060	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	18,564.000	Ft
0065	_ Pavt Mrkg, Waterborne, 6 inch, White, Spec	8117001	89,700.000	Ft
0070	_ Pavt Mrkg, Waterborne, 6 inch, Yellow, Spec	8117001	11,050.000	Ft
0075	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	100.000	Mi
0080	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	2,000.000	Mi
0085	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	100.000	Mi
0090	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	1.000	Ea
0095	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	6.000	Ea
0100	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	1.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	550,000.000	Ft

0115	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,000.000	Ft
------	---	---------	-----------	----



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 079**Letting Date:** March 3, 2023**Contract ID:** 60021-202911**Description:** 76.73 mi of non-freeway signing upgrades on M-32, M-33 and M-65 in the villages of Hillman and Posen, Alpena, Montmorency and Preque Isle Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
202911A	23A0317	N/A	STG 60021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,700.00	1100001	1.000	LSUM
0010	Band, Sign	8100010	9.000	Ea
0015	Fdn, Wood Support, Rem	8100280	408.000	Ea
0020	Installing MDOT Supplied Sign, Type III	8100302	101.000	Ea
0025	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	1.000	Ea
0030	Post Hole Through Conc for Steel Post	8100340	14.000	Ea
0035	Post Hole Through Conc for Wood Post	8100341	8.000	Ea
0040	Post, Steel, 3 pound	8100371	38,636.000	Ft
0045	Post, Wood, 4 inch by 6 inch	8100380	3,343.000	Ft
0050	Post, Wood, 6 inch by 8 inch	8100382	1,462.000	Ft
0055	Sign, Type I, Rem	8100391	1.000	Ea
0060	Sign, Type II, Erect, Salv	8100396	8.000	Ea
0065	Sign, Type II, Rem	8100397	295.000	Ea
0070	Sign, Type IIA	8100398	2,603.000	Sft
0075	Sign, Type IIB	8100399	589.000	Sft
0080	Sign, Type III, Erect, Salv	8100402	143.000	Ea
0085	Sign, Type III, Rem	8100403	1,352.000	Ea
0090	Sign, Type IIIA	8100404	2,225.000	Sft
0095	Sign, Type IIIB	8100405	7,305.000	Sft
0100	Sign, Type V, Rem	8100421	33.000	Ea
0105	Sign, Type V, Erect, Salv	8100422	4.000	Ea
0110	Sign, Type VA	8100424	228.000	Sft
0115	Sign, Type VB	8100425	1,836.000	Sft
0120	Reflective Panel for Permanent Sign Support, 3 foot	8100613	180.000	Ea
0125	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1,106.000	Ea
0130	Sign, Type II, Rem, Salv	8102002	8.000	Ea
0135	Sign, Type III, Rem, Salv	8102003	143.000	Ea

0140	Sign, Type V, Rem, Salv	8102005	4.000	Ea
0145	Ground Mtd Sign Support, Rem	8102010	1,821.000	Ea
0150	_ Post Hole Through Rock for Steel Post	8107050	40.000	Ea
0155	_ Post Hole Through Rock for Wood Post	8107050	40.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0165	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0175	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0185	Mobile Attenuator	8120180	1.000	Ea
0190	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0195	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0200	Sign Cover	8120310	20.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	1,531.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,531.000	Sft
0215	Traf Regulator Control	8120370	1.000	LSUM
0220	Contractor Staking	8240001	1.000	LSUM
0225	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 080**Letting Date:** March 3, 2023**Contract ID:** 69023-207364

Description: Application of long line pavement markings on various routes, Alcona, Alpena, Antrim, Arenac, Benzie, Charlevoix, Cheboygan, Crawford, Emmet, Grand Traverse, Iosco, Kalkaska, Leelanau, Manistee, Missaukee, Montmorency, Ogemaw, Oscoda, Otsego, Presque Isle, Roscommon and Wexford Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207364A	23A0318	N/A	HSIP 69023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$252,200.00	1100001	1.000	LSUM
0010	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,730,000.000	Ft
0015	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	2,050,000.000	Ft
0020	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	43,100.000	Ft
0025	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	36.000	Ea
0030	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,500,000.000	Ft
0035	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,850,000.000	Ft
0040	Pavt Mrkg, Waterborne, 12 inch, White	8110237	72,000.000	Ft
0045	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	33,000.000	Ft
0050	Rem Spec Mrkg	8110343	436.000	Sft
0055	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	452,000.000	Ft
0060	_ Call Back, Intermediate Transportation, Freeway Longline, \$10.50	8117003	100.000	Mi
0065	_ Call Back, Intermediate Transportation, Non-Freeway Longline, \$8.00	8117003	1,000.000	Mi
0070	_ Call Back, Intermediate Transportation, Surface Preparation, \$3.75	8117003	100.000	Mi
0075	_ Call Back, Mobilization, Freeway Longline, \$1,300.00	8117050	2.000	Ea
0080	_ Call Back, Mobilization, Non-Freeway Longline, \$1,000.00	8117050	5.000	Ea
0085	_ Call Back, Mobilization, Surface Preparation, \$470.00	8117050	5.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft



2/8/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 081**Letting Date:** March 3, 2023**Contract ID:** 30033-208685

Description: 1.86 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramp upgrades, shoulder gravel, centerline and shoulder corrugations and pavement markings on M-99 from northwest of Cronk Road northwesterly to Park Street in the city of Litchfield, Hillsdale County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208685A	N/A	N/A	M 30033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	250.000	Dlr
0010	Mobilization, Max \$88,600.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	460.000	Ft
0020	Sidewalk, Rem	2040055	210.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0030	Project Cleanup	2090001	1.000	LSUM
0035	Shld, CI II	3070121	227.000	Ton
0040	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0045	Dr Structure, Temp Lowering	4030390	20.000	Ea
0050	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0055	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	20.000	Ea
0060	Cold Milling HMA Surface	5010002	48,150.000	Syd
0065	HMA Surface, Rem	5010005	127.000	Syd
0070	HMA Quality Initiative	5010007	8,004.000	Dlr
0075	Longit Joint Density Quality Initiative	5010018	29,462.000	Dlr
0080	Hand Patching	5010025	14.000	Ton
0085	HMA Approach	5010061	139.000	Ton
0090	HMA, 5EML	5012037	3,849.000	Ton
0095	Conc Base Cse, Nonreinf, 7 1/2 inch	6020018	126.000	Syd
0100	Curb and Gutter, Conc, Det F2	8020036	35.000	Ft
0105	Curb and Gutter, Conc, Det F4	8020038	77.000	Ft
0110	Curb and Gutter, Conc, Det F6	8020040	190.000	Ft
0115	Curb Ramp Opening, Conc	8030030	158.000	Ft
0120	Curb Ramp, Conc, 4 inch	8032001	2,006.000	Sft
0125	_ Detectable Warning Surface, Metal	8037001	137.000	Ft
0130	_ Brick Pavers, Rem	8037010	539.000	Sft
0135	_ Reinstall Sidewalk, Brick Pavers on Conc and Sand Bed	8037010	160.000	Sft

0140	Post Hole Through Conc for Steel Post	8100340	7.000	Ea
0145	Post, Steel, 3 pound	8100371	112.000	Ft
0150	Sign, Type III, Erect, Salv	8100402	3.000	Ea
0155	Sign, Type III, Rem	8100403	6.000	Ea
0160	Sign, Type IIIA	8100404	3.000	Sft
0165	Sign, Type IIIB	8100405	44.000	Sft
0170	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0175	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	680.000	Ft
0185	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	70.000	Ft
0190	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	2.000	Ea
0195	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,400.000	Ft
0200	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,450.000	Ft
0205	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,400.000	Ft
0210	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,450.000	Ft
0215	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0220	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	680.000	Ft
0225	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0230	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0235	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0240	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0245	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0255	Mobile Attenuator	8120180	1.000	Ea
0260	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0265	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0270	Sign Cover	8120310	6.000	Ea
0275	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0280	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0285	Sign, Type B, Temp, Prismatic, Furn	8120350	1,100.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	1,100.000	Sft
0295	Traf Regulator Control	8120370	1.000	LSUM
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,200.000	Ft
0305	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0310	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0315	Fertilizer, Chemical Nutrient, CI A	8160020	5.000	Lb
0320	Mulch Blanket	8160027	45.000	Syd
0325	Seeding, Mixture THV	8160040	5.000	Lb
0330	Topsoil Surface, Furn, 2 inch	8160060	45.000	Syd
0335	Centerline Corrugations, Milled, HMA	8220013	4,525.000	Ft
0340	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	9,050.000	Ft
0345	Water Shutoff, Adj, Case 1	8230421	8.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230303 201

Letting Date: March 3, 2023

Contract ID: 18022-208527

Description: 2.15 mi of bridge reconstruction including hot mix asphalt shared-use path, concrete sidewalk, drainage, signing, approach work and pavement markings along M-115 from west of the south branch of the Tobacco River to Beech Street in the city of Clare, Clare County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208527A	23A0193	N/A	TA 18022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	10,000.000	Dlr
0010	Mobilization, Max \$200,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	2.000	Acre
0020	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	2.000	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	50.000	Ft
0045	Curb and Gutter, Rem	2040020	4,343.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0055	Pavt, Rem	2040050	125.000	Syd
0060	Sidewalk, Rem	2040055	212.000	Syd
0065	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0070	Embankment, CIP	2050010	6,700.000	Cyd
0075	Excavation, Earth	2050016	4,900.000	Cyd
0080	Machine Grading	2050030	34.000	Sta
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0095	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0105	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd
0115	Erosion Control, Sediment Trap	2080034	5.000	Ea
0120	Erosion Control, Silt Fence	2080036	5,060.000	Ft
0125	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	375.000	Cyd

0135	Aggregate Base, 6 inch	3020016	11,547.000	Syd
0140	Maintenance Gravel, LM	3060021	100.000	Cyd
0145	Approach, CI I, 6 inch	3070008	1,376.000	Syd
0150	Culv End Sect, 15 inch	4010015	1.000	Ea
0155	Culv End Sect, 24 inch	4010024	2.000	Ea
0160	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0165	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0170	Culv End Sect, Footing	4010072	4.000	Ea
0175	Culv, CI E, Conc, 24 inch	4010576	4.000	Ft
0180	Culv, CI F, 24 inch	4010610	64.000	Ft
0185	Dr Marker Post	4011109	15.000	Ea
0190	Sewer, CI A, 15 inch, Tr Det B	4020034	8.000	Ft
0195	Sewer, CI E, 15 inch, Tr Det B	4020601	50.000	Ft
0200	Sewer, CI E, 18 inch, Tr Det B	4020602	8.000	Ft
0205	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0210	Dr Structure Cover, Type B	4030010	7.000	Ea
0215	Dr Structure Cover, Type G	4030040	3.000	Ea
0220	Dr Structure Cover, Type J	4030045	2.000	Ea
0225	Dr Structure Cover, Type K	4030050	6.000	Ea
0230	Dr Structure, 24 inch dia	4030200	1.000	Ea
0235	Dr Structure, 48 inch dia	4030210	7.000	Ea
0240	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0245	Underdrain, Outlet Ending, 6 inch	4040113	3.000	Ea
0250	HMA Surface, Rem	5010005	4,092.000	Syd
0255	Hand Patching	5010025	233.000	Ton
0260	HMA Approach	5010061	218.000	Ton
0265	Conc Base Cse, Nonreinf, 6 inch	6020015	898.000	Syd
0270	Driveway, Nonreinf Conc, 6 inch	8010005	352.000	Syd
0275	Curb and Gutter, Conc, Det B2	8020016	1,254.000	Ft
0280	Curb and Gutter, Conc, Det F4	8020038	2,662.000	Ft
0285	Driveway Opening, Conc, Det M	8020050	160.000	Ft
0290	_ Curb and Gutter, Conc, Det D2, Modified	8027001	90.000	Ft
0295	_ Curb and Gutter, Conc, Det F4, Modified	8027001	211.000	Ft
0300	Detectable Warning Surface	8030010	164.000	Ft
0305	Curb Ramp Opening, Conc	8030030	144.000	Ft
0310	Sidewalk, Conc, 4 inch	8030044	16,605.000	Sft
0315	Sidewalk, Conc, 6 inch	8030046	1,375.000	Sft
0320	Curb Ramp, Conc, 6 inch	8032002	2,111.000	Sft
0325	Shared use Path, HMA	8060040	1,150.000	Ton
0330	_ Shared Use Path, HMA Snowmobile Wearing Cse, Spec	8067031	885.000	Ton
0335	Fence, Chain Link, 48 inch	8080011	306.000	Ft
0340	_ Fence, Ornamental Alum, 48 inch	8087001	250.000	Ft
0345	_ Fence, Rustic Split Rail	8087001	706.000	Ft
0350	_ Fence Gate, Ornamental Alum, 10 foot	8087050	2.000	Ea

0355	Band, Sign	8100010	4.000	Ea
0360	Fdn, Wood Support, Rem	8100280	4.000	Ea
0365	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0370	Post, Steel, 3 pound	8100371	878.000	Ft
0375	Post, Wood, 4 inch by 6 inch	8100380	32.000	Ft
0380	Sign, Type II, Erect, Salv	8100396	2.000	Ea
0385	Sign, Type II, Rem	8100397	2.000	Ea
0390	Sign, Type III, Erect, Salv	8100402	21.000	Ea
0395	Sign, Type III, Rem	8100403	35.000	Ea
0400	Sign, Type IIIA	8100404	90.000	Sft
0405	Sign, Type IIIB	8100405	148.000	Sft
0410	Reflective Panel for Permanent Sign Support, 3 foot	8100613	2.000	Ea
0415	Reflective Panel for Permanent Sign Support, 6 foot	8100616	5.000	Ea
0420	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0425	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,798.000	Ft
0430	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,193.000	Ft
0435	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,798.000	Ft
0440	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,193.000	Ft
0445	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	51.000	Ft
0450	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	860.000	Ft
0455	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0460	Pavt Mrkg, Preformed Thermopl, Sharrow Sym	8112028	20.000	Ea
0465	Pavt Mrkg, Preformed Thermopl, 12 inch, Crosswalk	8112079	280.000	Ft
0470	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	208.000	Ft
0475	_ Pavt Mrkg, Preformed Thermopl, Railroad Sym	8117050	6.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0485	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0495	Pedestrian Type II Channelizer, Temp	8120027	110.000	Ft
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	290.000	Ea
0505	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	290.000	Ea
0510	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0515	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0520	Ltg for Night Work	8120160	1.000	LSUM
0525	Minor Traf Devices	8120170	1.000	LSUM
0530	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,052.000	Ft
0535	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	690.000	Ft
0540	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	690.000	Ft
0545	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,380.000	Ft
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	64.000	Ft

0555	Sign Cover	8120310	50.000	Ea
0560	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0565	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	1,465.000	Sft
0575	Sign, Type B, Temp, Prismatic, Oper	8120351	1,465.000	Sft
0580	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	30.000	Sft
0585	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	30.000	Sft
0590	Traf Regulator Control	8120370	1.000	LSUM
0595	Pedestrian Path, Temp	8122250	130.000	Ft
0600	Pedestrian Ramp, Temp	8122251	1.000	Ea
0605	Riprap, Plain	8130010	30.000	Syd
0610	Slope Restoration, Non-Freeway, Type B	8162002	3,100.000	Syd
0615	Slope Restoration, Non-Freeway, Type E	8162005	15,100.000	Syd
0620	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	4,443.000	Ft
0625	Gate Box, Adj, Case 1	8230431	3.000	Ea
0630	Contractor Staking	8240001	1.000	LSUM
0635	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr

Section: 2

0640	Structures, Rem Portions (N01 of 18022)	2040061	1.000	LSUM
0645	Backfill, Structure, CIP	2060002	14.000	Cyd
0650	Excavation, Fdn	2060010	110.000	Cyd
0655	Aggregate Base	3020001	149.000	Ton
0660	Bridge Ltg, Furn and Rem (N01 of 18022)	7060001	1.000	LSUM
0665	Bridge Ltg, Oper and Maintain	7060002	47.000	Cyd
0670	Expansion Joint Device	7060050	34.000	Ft
0675	Expansion Joint Device, Cover Plate	7060051	28.000	Ft
0680	False Decking	7060060	435.000	Sft
0685	Reinforcement, Steel, Epoxy Coated	7060092	9,148.000	Lb
0690	Superstructure Conc	7060110	4.000	Cyd
0695	Superstructure Conc, Form, Finish, and Cure (N01 of 18022)	7060111	1.000	LSUM
0700	Superstructure Conc, Form, Finish, and Cure, Night Casting (N01 of 18022)	7060112	1.000	LSUM
0705	Superstructure Conc, Night Casting	7060113	47.000	Cyd
0710	Conc, Grade 3500	7062001	2.000	Cyd
0715	_ Bridge Railing	7117001	187.000	Ft
0720	Hand Chipping, Other Than Deck	7120007	92.000	Cft
0725	Patch, Forming	7120017	220.000	Sft
0730	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	46.000	Ea
0735	Top Flanges and Beam Ends, Clean and Coat	7120100	15.000	Syd
0740	Patching Conc, C-L	7120112	4.000	Cyd
0745	Embedded Galvanic Anode	7120120	110.000	Ea
0750	_ Modular Block Wall	8007010	295.000	Sft

0755	_ Tie Disposal	8007051	1.000	LSUM
------	----------------	---------	-------	------



2/1/2023 4:19 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 230303 239**Letting Date:** March 3, 2023**Contract ID:** 58000-212307

Description: Bridge replacement removal and replacement with 30-inch steel tub girders and cast-in-place concrete slab and approach work on Finzel Road over Stony Creek, Monroe County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212307A	23A0147	N/A	BFPO 58000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$150,600.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	3.000	Sta
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0025	Guardrail, Rem	2040035	38.000	Ft
0030	Embankment, CIP	2050010	150.000	Cyd
0035	Excavation, Earth	2050016	350.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0045	Erosion Control, Silt Fence	2080036	418.000	Ft
0050	Subbase, CIP	3010002	350.000	Cyd
0055	Aggregate Base	3020001	440.000	Ton
0060	Aggregate Base, 8 inch	3020020	620.000	Syd
0065	Shld, CI II, 4 inch	3070126	150.000	Syd
0070	Culv, CI E, Conc, 24 inch	4010576	56.000	Ft
0075	Video Taping Sewer and Culv Pipe	4021275	56.000	Ft
0080	HMA Surface, Rem	5010005	530.000	Syd
0085	HMA, 4EL	5012024	137.000	Ton
0090	Curb and Gutter, Bridge Approach, Det 5	8022016	44.000	Ft
0095	Curb and Gutter, Bridge Approach, Det 6	8022017	69.000	Ft
0100	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0105	Guardrail Reflector	8070080	20.000	Ea
0110	Guardrail Anch, Bridge, Det M3	8070132	4.000	Ea
0115	Guardrail, Curved, Type B, 96 inch Post	8072142	25.000	Ft
0120	_ Guardrail Approach Terminal, Type 1B	8077050	1.000	Ea
0125	_ Guardrail Approach Terminal, Type 2B	8077050	2.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	566.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	566.000	Ft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Sign, Type B, Temp, Prismatic, Furn	8120350	395.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	395.000	Sft
0165	Ditch, Plain Cobble	8140005	20.000	Syd
0170	_ Slope Restoration, Modified	8167011	600.000	Syd

Section: 2

0175	Structures, Rem	2040060	1.000	LSUM
0180	Excavation, Channel	2050015	100.000	Cyd
0185	Backfill, Structure, CIP	2060002	450.000	Cyd
0190	Excavation, Fdn	2060010	1,400.000	Cyd
0195	Erosion Control, Filter Bag	2080014	2.000	Ea
0200	_ Turbidity Curtain, Modified	2087001	160.000	Ft
0205	Underdrain, Fdn, 4 inch	4040031	220.000	Ft
0210	Underdrain Outlet, 4 inch	4040091	64.000	Ft
0215	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0220	Cofferdams	7040007	1.000	LSUM
0225	Prebore, Fdn Piling	7050001	200.000	Ft
0230	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0235	Pile, Steel, Furn and Driven, 12 inch	7050030	760.000	Ft
0240	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0245	Pile Point, Steel	7050039	50.000	Ea
0250	Pile, Steel, Splice	7050050	50.000	Ea
0255	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0260	Bridge Ltg, Oper and Maintain	7060002	105.000	Cyd
0265	Expansion Joint Device	7060050	29.000	Ft
0270	False Decking	7060060	2,766.000	Sft
0275	Reinforcement, Steel, Epoxy Coated	7060092	47,026.000	Lb
0280	Substructure Conc	7060100	222.000	Cyd
0285	Superstructure Conc	7060110	12.000	Cyd
0290	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0295	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0300	Superstructure Conc, Night Casting	7060113	105.000	Cyd
0305	Sealing Localized Cracks	7060220	1.000	LSUM
0310	Conc, Grade 3500, Subfooting	7062000	127.000	Cyd
0315	_ Structural Steel, Erect, Special	7077051	1.000	LSUM
0320	_ Structural Steel, Furn and Fab, Special	7077051	1.000	LSUM
0325	Joint Waterproofing	7100001	80.000	Sft
0330	Joint Waterproofing, Expansion	7100003	220.000	Sft
0335	_ Silane Treatment	7107010	1,370.000	Sft
0340	Bridge Barrier Railing, Type 7	7110012	148.000	Ft

0345	Riprap, Heavy	8130005	300.000	Syd
------	---------------	---------	---------	-----
