



6/21/2023 4:03 PM

AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 001**Letting Date:** August 4, 2023**Contract ID:** 33084-209403

Description: 3.66 mi of roadway reconstruction including an additional lane, corrections to horizontal curvature, geometric changes, bridge rehabilitation or reconstruction of 18 bridges, soundwall construction, additional freeway lighting, drainage improvements, additional ITS facilities, traffic signal work, guardrail work and pavement markings in the cities of Lansing and East Lansing, Ingham County. This project includes a 5 year epoxy overlay warranty and a 2 year concrete surface coating warranty. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209403A	23A0662	N/A	HSIP 33084
210069A	23A0663	N/A	RBMP 33045

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	53,710.000	Dlr
0010	Dispute Review Board, Hearing	1040010	50,000.000	Dlr
0015	Dispute Review Board, Progress Meeting	1040050	25,000.000	Dlr
0020	Critical Path Method Schedule	1080005	15,000.000	Dlr
0025	Mobilization, Max \$15,975,000.00	1100001	1.000	LSUM
0030	Clearing	2010001	25.160	Acre
0035	Clearing, Fence	2010002	370.000	Sta
0040	Tree, Rem, 19 inch to 36 inch	2020002	38.000	Ea
0045	Tree, Rem, 37 inch or Larger	2020003	3.000	Ea
0050	Tree, Rem, 6 inch to 18 inch	2020004	184.000	Ea
0055	Stump, Rem, 19 inch to 36 inch	2020006	6.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	25.000	Ea
0065	Culv, Rem, Less than 24 inch	2030001	71.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	15.000	Ea
0075	Culv, Rem, Over 48 inch	2030003	4.000	Ea
0080	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0085	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0090	Dr Structure, Abandon	2030010	2.000	Ea
0095	Dr Structure, Rem	2030011	20.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	1,491.000	Ft
0105	Sewer, Rem, 24 inch to 48 inch	2030016	1,533.000	Ft
0110	Curb and Gutter, Rem	2040020	16,262.000	Ft
0115	Fence, Rem	2040025	35,237.000	Ft

0120	Guardrail, Rem	2040035	48,043.000	Ft
0125	Masonry and Conc Structure, Rem	2040045	59.000	Cyd
0130	Pavt, Rem	2040050	183,047.000	Syd
0135	Sidewalk, Rem	2040055	34.000	Syd
0140	Exploratory Investigation, Vertical	2040080	442.000	Ft
0145	Backfill, Swamp	2050001	30,676.000	Cyd
0150	Embankment, CIP	2050010	4,837.000	Cyd
0155	Embankment, LM	2050011	52.000	Cyd
0160	Excavation, Earth	2050016	85,156.000	Cyd
0165	Excavation, Peat	2050017	21,612.000	Cyd
0170	Granular Blanket, Type 2	2050021	1,000.000	Cyd
0175	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,600.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	6,500.000	Cyd
0185	Flowable Fill, Non-Structural	2050148	395.000	Cyd
0190	_ Embankment, CIP, Spec	2057021	14,150.000	Cyd
0195	Aggregate	2060005	410.000	Cyd
0200	Erosion Control, Check Dam, Stone	2080012	2,922.000	Ft
0205	Erosion Control, Gravel Access Approach	2080016	5.000	Ea
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	341.000	Ea
0215	Erosion Control, Inlet Protection, Sediment Trap	2080024	53.000	Ea
0220	Erosion Control, Maintenance, Sediment Rem	2080026	284.000	Cyd
0225	Erosion Control, Sand Bag	2080028	689.000	Ea
0230	Erosion Control, Sediment Basin	2080032	80.000	Cyd
0235	Erosion Control, Sediment Trap	2080034	181.000	Ea
0240	Erosion Control, Silt Fence	2080036	74,880.000	Ft
0245	_ Straw Wattle	2087001	5,871.000	Ft
0250	Project Cleanup	2090001	1.000	LSUM
0255	Subbase, CIP	3010002	26,020.000	Cyd
0260	Aggregate Base, LM	3020002	110.000	Cyd
0265	Aggregate Base, 6 inch	3020016	13,272.000	Syd
0270	Aggregate Base, 8 inch	3020020	140.000	Syd
0275	Open-Graded Dr Cse, 6 inch	3030006	133.000	Syd
0280	Maintenance Gravel	3060020	2,800.000	Ton
0285	Driveway Maintenance, Commercial	3062000	5.000	Ea
0290	Shld, CI II	3070121	68.000	Ton
0295	Shld, CI II, Temp	3070170	1,381.000	Ton
0300	_ Shld, CI II, 7 1/4 inch, Modified	3077011	60.000	Syd
0305	Geotextile, Separator	3080005	500.000	Syd
0310	Geotextile, Stabilization	3080010	600.000	Syd
0315	Geotextile, Separator, Non-Woven	3082000	7,663.000	Syd
0320	Road Grade Biaxial Geogrid	3082002	160.000	Syd
0325	Culv End Sect, 12 inch	4010012	25.000	Ea
0330	Culv End Sect, 18 inch	4010018	8.000	Ea
0335	Culv End Sect, 24 inch	4010024	51.000	Ea

0340	Culv End Sect, 30 inch	4010030	12.000	Ea
0345	Culv End Sect, 36 inch	4010036	20.000	Ea
0350	Culv End Sect, Conc, 15 inch	4010048	8.000	Ea
0355	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0360	Culv End Sect, Conc, 36 inch	4010053	1.000	Ea
0365	Culv End Sect, Conc, 42 inch	4010054	3.000	Ea
0370	Culv End Sect, Conc, 48 inch	4010055	2.000	Ea
0375	Culv End Sect, Footing	4010072	107.000	Ea
0380	Culv, CI A, 24 inch	4010134	207.000	Ft
0385	Culv, CI A, 30 inch	4010135	66.000	Ft
0390	Culv, CI A, 36 inch	4010136	349.000	Ft
0395	Culv, CI A, 48 inch	4010138	16.000	Ft
0400	Culv, CI A, Conc, 24 inch	4010168	65.000	Ft
0405	Culv, CI A, Conc, 30 inch	4010169	64.000	Ft
0410	Culv, CI A, Conc, 36 inch	4010170	32.000	Ft
0415	Culv, CI A, CSP, 18 inch	4010201	100.000	Ft
0420	Culv, CI B, 30 inch	4010237	125.000	Ft
0425	Culv, CI B, 36 inch	4010238	286.000	Ft
0430	Culv, CI B, Conc, 36 inch	4010272	128.000	Ft
0435	Culv, CI C, Conc, 36 inch	4010374	176.000	Ft
0440	Culv, CI E, 12 inch	4010539	12.000	Ft
0445	Culv, CI E, 24 inch	4010542	399.000	Ft
0450	Culv, CI E, 30 inch	4010543	248.000	Ft
0455	Culv, CI E, Conc, 15 inch	4010574	515.000	Ft
0460	Culv, CI E, Conc, 18 inch	4010575	18.000	Ft
0465	Culv, CI IV, 36 inch, Jacked in Place	4010709	422.000	Ft
0470	Culv, Downspout, 12 inch	4010795	3,606.000	Ft
0475	Dr Marker Post	4011109	144.000	Ea
0480	Steel Casing Pipe, 36 inch, Jacked in Place	4011160	1,135.000	Ft
0485	Steel Casing Pipe, 42 inch, Jacked in Place	4011173	536.000	Ft
0490	Culv, Outlet Headwall, 12 inch	4012000	99.000	Ea
0495	_ Culv, Slp End Sect, 1 on 2, 36 inch, Transv	4017050	2.000	Ea
0500	Sewer, CI A, 12 inch, Tr Det A	4020004	335.000	Ft
0505	Sewer, CI A, 18 inch, Tr Det A	4020006	93.000	Ft
0510	Sewer, CI A, 24 inch, Tr Det A	4020007	734.000	Ft
0515	Sewer, CI A, 36 inch, Tr Det A	4020009	162.000	Ft
0520	Sewer, CI A, 42 inch, Tr Det A	4020010	597.000	Ft
0525	Sewer, CI A, 12 inch, Tr Det B	4020033	11,622.000	Ft
0530	Sewer, CI A, 18 inch, Tr Det B	4020035	4,484.000	Ft
0535	Sewer, CI A, 24 inch, Tr Det B	4020036	2,995.000	Ft
0540	Sewer, CI A, 30 inch, Tr Det B	4020037	88.000	Ft
0545	Sewer, CI A, 36 inch, Tr Det B	4020038	189.000	Ft
0550	Sewer, CI A, 42 inch, Tr Det B	4020039	105.000	Ft
0555	Sewer, CI B, 12 inch, Tr Det A	4020153	32.000	Ft
0560	Sewer, CI B, 42 inch, Tr Det A	4020159	878.000	Ft

0565	Sewer, CI E, 12 inch, Tr Det B	4020600	141.000	Ft
0570	Sewer, CI E, 24 inch, Tr Det B	4020603	71.000	Ft
0575	Sewer, CI E, 36 inch, Tr Det B	4020605	22.000	Ft
0580	Sewer, CI IV, 24 inch, Tr Det B	4020993	776.000	Ft
0585	Sewer, CI IV, 30 inch, Tr Det B	4020994	362.000	Ft
0590	Sewer, CI IV, 42 inch, Jacked in Place	4021176	94.000	Ft
0595	Sewer Tap, 18 inch	4021206	2.000	Ea
0600	Sewer Tap, 24 inch	4021207	3.000	Ea
0605	Sewer Tap, 36 inch	4021209	1.000	Ea
0610	Sewer Bulkhead, 24 inch	4021234	1.000	Ea
0615	Sewer Bulkhead, 36 inch	4021237	2.000	Ea
0620	Trench Undercut and Backfill	4021260	250.000	Cyd
0625	Video Taping Sewer and Culv Pipe	4021275	22,802.000	Ft
0630	_ Culv Cleanout	4027001	198.000	Ft
0635	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0640	Dr Structure Cover, Adj, Case 2	4030006	11.000	Ea
0645	Dr Structure Cover, Type B	4030010	40.000	Ea
0650	Dr Structure Cover, Type CX	4030020	10.000	Ea
0655	Dr Structure Cover, Type DX	4030030	1.000	Ea
0660	Dr Structure Cover, Type E	4030035	18.000	Ea
0665	Dr Structure Cover, Type G	4030040	6.000	Ea
0670	Dr Structure Cover, Type K	4030050	46.000	Ea
0675	Dr Structure Cover, Type RX	4030075	49.000	Ea
0680	Dr Structure Cover, Type VG	4030090	162.000	Ea
0685	Dr Structure, 24 inch dia	4030200	39.000	Ea
0690	Dr Structure, 48 inch dia	4030210	269.000	Ea
0695	Dr Structure, 60 inch dia	4030220	16.000	Ea
0700	Dr Structure, 72 inch dia	4030230	10.000	Ea
0705	Dr Structure, 84 inch dia	4030231	2.000	Ea
0710	Dr Structure, Add Depth of 24 inch dia, 8 foot to 15 foot	4030240	3.000	Ft
0715	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	354.000	Ft
0720	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	88.000	Ft
0725	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	42.000	Ft
0730	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	29.000	Ft
0735	Dr Structure, Add Depth of 72 inch dia, more than 15 foot	4030271	3.000	Ft
0740	Dr Structure, Adj, Add Depth	4030280	25.000	Ft
0745	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0750	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0755	Mh Base, 48 inch, Type 1	4030401	1.000	Ea
0760	Underdrain, Bank, 6 inch	4040003	2,000.000	Ft
0765	Underdrain, Subbase, 6 inch	4040063	2,048.000	Ft

0770	Underdrain, Subgrade, 6 inch	4040073	3,500.000	Ft
0775	Underdrain Outlet, 4 inch	4040091	51.000	Ft
0780	Underdrain Outlet, 6 inch	4040093	1,692.000	Ft
0785	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0790	Underdrain, Outlet Ending, 6 inch	4040113	47.000	Ea
0795	Video Inspection of Underdrain	4040200	144,222.000	Ft
0800	_ Underdrain, Rem	4047001	5,000.000	Ft
0805	Pavt, Cleaning	5010001	1.000	LSUM
0810	Cold Milling HMA Surface	5010002	130.000	Syd
0815	Bump Grinding	5010004	3,000.000	Syd
0820	HMA Surface, Rem	5010005	214,964.000	Syd
0825	HMA Quality Initiative	5010007	61,460.000	Dlr
0830	Hand Patching	5010025	110.000	Ton
0835	HMA Approach	5010061	200.000	Ton
0840	HMA, Temp Pavt (2EML)	5012100	56.000	Ton
0845	HMA, Temp Pavt (3EML)	5012101	2,321.000	Ton
0850	HMA, Temp Pavt (4EML)	5012103	1,547.000	Ton
0855	HMA, Temp Pavt (5EML)	5012105	447.000	Ton
0860	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	5,000.000	Ft
0865	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	1,000.000	Ft
0870	_ Ride Incentive	5017060	108,648.000	Dlr
0875	Shld, Nonreinf Conc	6020222	20.000	Syd
0880	Shld, Nonreinf Conc, High Performance	6020524	3,273.000	Syd
0885	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	5,935.000	Syd
0890	Steel Sheet Piling, Permanent	7040001	19,844.000	Sft
0895	_ Rub Rail	7097001	55.000	Ft
0900	Reflective Marker, Permanent Barrier	7110003	724.000	Ea
0905	Filler Wall Conc	7120087	14.000	Cyd
0910	Drilled Shaft Equipment, Furn (NB-C)	7180010	1.000	LSUM
0915	Drilled Shaft Equipment, Furn (NB-G)	7180010	1.000	LSUM
0920	Drilled Shaft, 42 inch	7180042	3,486.000	Ft
0925	Obstruction Rem	7180100	70,000.000	Dlr
0930	Temp Casing-Left in Place	7180121	1,110.000	Ft
0935	_ Atmospheric Sensor, Visibility	8007050	2.000	Ea
0940	_ Atmospheric Sensor, Visibility, Rem and Salv	8007050	3.000	Ea
0945	_ Cabinet Equipment, Cabinet Monitoring System, Rem	8007050	2.000	Ea
0950	_ Cabinet Equipment, Power Distribution Unit, Rem	8007050	1.000	Ea
0955	_ Closed Circuit Television Camera, Rem	8007050	2.000	Ea
0960	_ Closed-Circuit Television Camera Equipment, Install Salv	8007050	2.000	Ea
0965	_ Closed-Circuit Television Camera Equipment, Rem and Salv	8007050	2.000	Ea
0970	_ Digital Video Encoder, Rem	8007050	2.000	Ea
0975	_ Impact Attenuator, Test Level-3, Furn and Install, Type 7	8007050	1.000	Ea

0980	_ ITS Cabinet, Double Door, Ground Mtd	8007050	1.000	Ea
0985	_ ITS Cabinet, Ground Mtd	8007050	4.000	Ea
0990	_ Pavt Sensor, Invasive Condition, Rem	8007050	5.000	Ea
0995	_ Pavt Sensor, Non-Invasive Condition	8007050	5.000	Ea
1000	_ Power Distribution Unit	8007050	6.000	Ea
1005	_ Rack-Mtd Step-Down Transformer, 5 kV AMP	8007050	2.000	Ea
1010	_ Rack-Mtd Step-Up Transformer, 7.5 kV AMP	8007050	1.000	Ea
1015	_ Radio, Install Salv, Licensed	8007050	1.000	Ea
1020	_ Radio, Install Salv, Unlicensed	8007050	4.000	Ea
1025	_ Radio, Rem	8007050	4.000	Ea
1030	_ Radio, Rem and Salv, Licensed	8007050	1.000	Ea
1035	_ Radio, Rem and Salv, Unlicensed	8007050	4.000	Ea
1040	_ Remote Processing Unit	8007050	3.000	Ea
1045	_ Remote Processing Unit, Rem and Salv	8007050	3.000	Ea
1050	_ Wireless Link, 5.8 gigahertz, Access Point	8007050	1.000	Ea
1055	_ Wireless Link, 5.8 gigahertz, Subscriber Unit	8007050	1.000	Ea
1060	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
1065	Driveway, Nonreinf Conc, 6 inch	8010005	82.000	Syd
1070	Curb, Conc, Det G1	8020005	1,267.000	Ft
1075	Curb and Gutter, Conc, Det B2	8020016	160.000	Ft
1080	Curb and Gutter, Conc, Det F3	8020037	71.000	Ft
1085	Driveway Opening, Conc, Det M	8020050	73.000	Ft
1090	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
1095	Valley Gutter, Conc	8020060	320.000	Ft
1100	Downspout Header, Conc	8020070	84.000	Ea
1105	Spillway, Conc	8020075	10.000	Ft
1110	Curb and Gutter, Bridge Approach, Det 1	8022010	320.000	Ft
1115	Curb and Gutter, Bridge Approach, Det 3	8022012	1,068.000	Ft
1120	Curb and Gutter, Bridge Approach, Det 5	8022016	815.000	Ft
1125	Curb and Gutter, Bridge Approach, Det 7	8022018	278.000	Ft
1130	Curb and Gutter, Bridge Approach, Det 7A	8022020	66.000	Ft
1135	_ Curb, Conc, Det G1, Modified	8027001	180.000	Ft
1140	_ Curb, Conc, Det G2, Modified	8027001	1,247.000	Ft
1145	_ Valley Gutter, Conc, Modified	8027001	27,060.000	Ft
1150	Detectable Warning Surface	8030010	36.000	Ft
1155	Curb Ramp Opening, Conc	8030030	44.000	Ft
1160	Sidewalk, Conc, 4 inch	8030044	27,842.000	Sft
1165	Curb Ramp, Conc, 6 inch	8032002	485.000	Sft
1170	Conc Barrier, Single Face, Type B	8040002	929.000	Ft
1175	Conc Barrier, Single Face, Type C	8040003	11,337.000	Ft
1180	Glare Screen, Conc	8040015	12,008.000	Ft
1185	Conc Barrier Backfill, CIP	8040030	2,705.000	Cyd
1190	_ Conc Barrier, Double Face, Type B, Modified, 0 To 2 Foot	8047001	5,045.000	Ft

1195	_ Conc Barrier, Double Face, Type B, Modified, 2 To 3 Foot	8047001	442.000	Ft
1200	_ Conc Barrier, Split, Type B, Modified	8047001	2,060.000	Ft
1205	_ Light Std Fdn, Conc Barrier, Modified, 0 - 2 Foot	8047050	26.000	Ea
1210	_ Light Std Fdn, Conc Barrier, Modified, 2 - 3 Foot	8047050	1.000	Ea
1215	Shared use Path, Aggregate	8060010	300.000	Ton
1220	Shared use Path, Grading	8060030	440.000	Ft
1225	Shared use Path, HMA	8060040	120.000	Ton
1230	Guardrail Anch, Bridge, Det T1	8070022	13.000	Ea
1235	Guardrail Anch, Bridge, Det T1, Temp	8070030	2.000	Ea
1240	Guardrail Approach Terminal, Type 3B	8070038	4.000	Ea
1245	Guardrail Approach Terminal, Type 2M	8070044	30.000	Ea
1250	Guardrail Approach Terminal, Type 2M, Temp	8070049	4.000	Ea
1255	Guardrail Departing Terminal, Type MGS	8070052	27.000	Ea
1260	Guardrail Departing Terminal, Type T, Temp	8070056	1.000	Ea
1265	Guardrail Reflector	8070080	1,109.000	Ea
1270	Guardrail, Reconst, Type T	8070109	2,620.000	Ft
1275	Guardrail Anch, Bridge, Det M1	8070130	42.000	Ea
1280	Guardrail Anch, Bridge, Det M4	8070133	7.000	Ea
1285	Guardrail Anch, Bridge, Det M7	8070136	2.000	Ea
1290	Guardrail Anch, Bridge, Det A3	8070150	5.000	Ea
1295	Guardrail, Temp, Type MGS-8, 72 inch Post	8072004	3,088.000	Ft
1300	Guardrail, Curved, Temp, Type MGS-8, 72 inch Post	8072152	38.000	Ft
1305	Guardrail, Curved, Type B-CRT	8072154	170.000	Ft
1310	Guardrail, Type B, 72 inch Post	8072171	364.000	Ft
1315	Guardrail, Type MGS-8, 72 inch Post	8072179	40,673.000	Ft
1320	Guardrail, Type MGS-8, 108 inch Post	8072180	863.000	Ft
1325	Guardrail, Type MGS-8D, 108 inch Post	8072182	1,417.000	Ft
1330	_ Guardrail Approach Terminal, Type 1B	8077050	1.000	Ea
1335	Fence, Woven Wire with Wood Post	8080001	3,090.000	Ft
1340	Fence, Woven Wire with Steel Post	8080002	39,712.000	Ft
1345	Fence, Temp	8080004	40.000	Ft
1350	Fence, Protective	8080007	570.000	Ft
1355	Band, Sign	8100010	3.000	Ea
1360	Bridge Sign Connection, Bolt Replacement	8100020	13.000	Ea
1365	Bridge Sign Connection, Conc, Type A1	8100031	7.000	Ea
1370	Bridge Sign Connection, Type A, Rem	8100080	7.000	Ea
1375	Bridge Sign Connection, Type C, Rem	8100082	3.000	Ea
1380	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
1385	Cantilever, Rem	8100090	5.000	Ea
1390	Cantilever, Type E	8100104	5.000	Ea
1395	Column, Breakaway, W8 x 13	8100120	16.000	Ea
1400	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1405	Delineator Reflector, Red	8100131	90.000	Ea
1410	Delineator Reflector, Yellow	8100132	80.000	Ea

1415	Delineator Reflector, Green	8100133	67.000	Ea
1420	Delineator Reflector, White	8100134	280.000	Ea
1425	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	20.000	Ea
1430	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	20.000	Ea
1435	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	40.000	Ea
1440	Fdn, Breakaway, W8 x 13	8100160	14.000	Ea
1445	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
1450	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	105.000	Ft
1455	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Uncased	8100171	28.000	Ft
1460	Fdn, Cantilever, Rem	8100190	5.000	Ea
1465	Fdn, Column Breakaway, Rem	8100220	18.000	Ea
1470	Fdn, Truss Sign Structure Type E, 48 inch dia, Cased	8100250	709.000	Ft
1475	Fdn, Truss Sign Structure Type E, 48 inch dia, Uncased	8100251	37.000	Ft
1480	Fdn, Truss Sign Structure Type E, 54 inch dia, Cased	8100252	75.000	Ft
1485	Fdn, Truss, Rem	8100260	12.000	Ea
1490	Fdn, Wood Support, Rem	8100280	87.000	Ea
1495	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	9.000	Ea
1500	Installing MDOT Supplied Sign, Type III	8100302	6.000	Ea
1505	Perforated Steel Square Tube Breakaway System	8100330	30.000	Ea
1510	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	20.000	Ea
1515	Post Hole Through Conc for Steel Post	8100340	17.000	Ea
1520	Post, Flexible, Delineator	8100360	82.000	Ea
1525	Post, Rigid, Delineator	8100361	515.000	Ea
1530	Post, Steel, 3 pound	8100371	4,564.000	Ft
1535	Post, Wood, 4 inch by 6 inch	8100380	702.000	Ft
1540	Post, Wood, 6 inch by 8 inch	8100382	822.000	Ft
1545	Sign, Type I, Erect, Salv	8100390	2.000	Ea
1550	Sign, Type I, Rem	8100391	49.000	Ea
1555	Sign, Type IA	8100392	7,065.000	Sft
1560	Sign, Type IB	8100393	597.000	Sft
1565	Sign, Type II, Erect, Salv	8100396	4.000	Ea
1570	Sign, Type II, Rem	8100397	75.000	Ea
1575	Sign, Type IIA	8100398	490.000	Sft
1580	Sign, Type IIB	8100399	531.000	Sft
1585	Sign, Type III, Erect, Salv	8100402	6.000	Ea
1590	Sign, Type III, Rem	8100403	218.000	Ea
1595	Sign, Type IIIA	8100404	735.000	Sft
1600	Sign, Type IIIB	8100405	753.000	Sft
1605	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1610	Sign, Type V, Rem	8100421	19.000	Ea

1615	Sign, Type VA	8100424	64.000	Sft
1620	Sign, Type VB	8100425	775.000	Sft
1625	Truss, Rem	8100440	7.000	Ea
1630	Truss, Type E, 55 foot	8100485	1.000	Ea
1635	Truss, Type E, 70 foot	8100488	1.000	Ea
1640	Truss, Type E, 80 foot	8100490	3.000	Ea
1645	Truss, Type E, 90 foot	8100492	3.000	Ea
1650	Truss, Type E, 95 foot	8100493	1.000	Ea
1655	Truss, Type E, 100 foot	8100494	1.000	Ea
1660	Truss, Type E, 130 foot	8100500	1.000	Ea
1665	Reflective Panel for Permanent Sign Support, 3 foot	8100613	72.000	Ea
1670	Reflective Panel for Permanent Sign Support, 6 foot	8100616	47.000	Ea
1675	Bracket, H	8100650	2.000	Ea
1680	Sign, Type I, Rem, Salv	8102001	2.000	Ea
1685	Sign, Type II, Rem, Salv	8102002	2.000	Ea
1690	Sign, Type III, Rem, Salv	8102003	6.000	Ea
1695	Ground Mtd Sign Support, Rem	8102010	357.000	Ea
1700	_Enhanced Delineation, Bidirectional, Conc Barrier, Top Mtd	8107001	5,993.000	Ft
1705	_Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	15,677.000	Ft
1710	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
1715	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
1720	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
1725	Pavt Mrkg, Ovly Cold Plastic, Merge	8110065	2.000	Ea
1730	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
1735	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1740	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	92.000	Ft
1745	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	125,000.000	Ft
1750	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	110,000.000	Ft
1755	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	5,000.000	Ft
1760	Pavt Mrkg, Waterborne, 4 inch, White	8110231	590.000	Ft
1765	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,250.000	Ft
1770	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	590.000	Ft
1775	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,250.000	Ft
1780	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	235,830.000	Ft
1785	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	4,160.000	Ft
1790	Rem Curing Compound, for Spec Mrkg	8110321	859.000	Sft
1795	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	23,448.000	Ft
1800	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Wet Reflective, White	8110383	633.000	Ft
1805	Recessing Pavt Mrkg, Longit	8110450	146,625.000	Ft
1810	Recessing Pavt Mrkg, Transv	8110451	1,016.000	Sft
1815	Recessing Pavt Mrkg, Guide Line	8110453	66.000	Ft
1820	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning	8110562	49.000	Ft

	Guide Line, White			
1825	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	17.000	Ft
1830	Pavt Mrkg, Preformed Thermopl, East	8112067	4.000	Ea
1835	Pavt Mrkg, Preformed Thermopl, West	8112068	2.000	Ea
1840	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	60,275.000	Ft
1845	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	13,845.000	Ft
1850	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	59,299.000	Ft
1855	_ Lane Separator System, White	8117001	1,680.000	Ft
1860	_ Pavt Mrkg, Polyurea, Yellow, Island Painting	8117010	859.000	Sft
1865	_ Pavt Mrkg, Preformed Thermopl, I496 Route Shield, 8 foot by 20 foot	8117050	4.000	Ea
1870	_ Pavt Mrkg, Preformed Thermopl, I96 Route Shield, 7 foot by 17.5 foot	8117050	6.000	Ea
1875	_ Pavt Mrkg, Preformed Thermopl, US127 Route Shield, 8 foot by 20 foot	8117050	8.000	Ea
1880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	120.000	Ea
1885	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	120.000	Ea
1890	Pedestrian Type II Barricade, Temp	8120026	16.000	Ea
1895	Conc Barrier Ending, Temp, Det 2, Adj	8120040	10.000	Ea
1900	Conc Barrier Ending, Temp, Det 2, Furn	8120041	12.000	Ea
1905	Conc Barrier Ending, Temp, Det 2, Oper	8120042	12.000	Ea
1910	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	16.000	Ea
1915	Conc Barrier Reflector Replacement	8120070	3,125.000	Ea
1920	Conc Barrier, Temp, Adj	8120080	5,000.000	Ft
1925	Conc Barrier, Temp, Furn	8120081	25,780.000	Ft
1930	Conc Barrier, Temp, Oper	8120082	25,780.000	Ft
1935	Conc Barrier, Temp, Relocated	8120083	7,500.000	Ft
1940	Culv, Temp	8120090	6.000	Ea
1945	Delineator, Flexible, Temp, Furn	8120091	250.000	Ea
1950	Delineator, Flexible, Temp, Oper	8120092	250.000	Ea
1955	Glare Screen, Temp	8120094	2,500.000	Ft
1960	Glare Screen, Temp, Relocated	8120095	2,500.000	Ft
1965	Glare Screen, Temp, Complete Sect, Replaced	8120096	200.000	Ea
1970	Tubular Marker	8120097	30.000	Ea
1975	Tubular Marker, Replacement	8120098	10.000	Ea
1980	High Intensity Light, Type B, Furn	8120110	14.000	Ea
1985	High Intensity Light, Type B, Oper	8120111	14.000	Ea
1990	Lighted Arrow, Type C, Furn	8120140	9.000	Ea
1995	Lighted Arrow, Type C, Oper	8120141	9.000	Ea
2000	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
2005	Ltg for Night Work	8120160	1.000	LSUM
2010	Minor Traf Devices	8120170	1.000	LSUM
2015	Mobile Attenuator	8120180	4.000	Ea
2020	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	202,160.000	Ft

2025	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	2,000.000	Ft
2030	Plastic Drum, Fluorescent, Furn	8120252	1,460.000	Ea
2035	Plastic Drum, Fluorescent, Oper	8120253	1,460.000	Ea
2040	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	1.000	Ea
2045	Sign Cover	8120310	54.000	Ea
2050	Sign Cover, Type I	8120320	10.000	Ea
2055	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	18.000	Ea
2060	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	18.000	Ea
2065	Sign, Type A, Temp, Prismatic, Furn	8120340	1,000.000	Sft
2070	Sign, Type A, Temp, Prismatic, Oper	8120341	1,000.000	Sft
2075	Sign, Type B, Temp, Prismatic, Furn	8120350	9,303.000	Sft
2080	Sign, Type B, Temp, Prismatic, Oper	8120351	9,303.000	Sft
2085	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	9,156.000	Sft
2090	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	9,156.000	Sft
2095	Traf Regulator Control	8120370	1.000	LSUM
2100	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	27,270.000	Ft
2105	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	12,770.000	Ft
2110	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	200,000.000	Ft
2115	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	126,000.000	Ft
2120	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	10,000.000	Ft
2125	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Yellow, Temp	8122014	10,000.000	Ft
2130	Speed Radar Trailer, Temp	8122028	4.000	Ea
2135	Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8122111	1.000	Ea
2140	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru and Lt Turn Arrow Sym	8122147	4.000	Ea
2145	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,200.000	Ft
2150	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	10.000	Ea
2155	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	10.000	Ea
2160	_ Lane Separator System, White, Temp	8127001	425.000	Ft
2165	_ Moveable Conc Traffic Barrier	8127001	29,000.000	Ft
2170	_ Moveable Conc Traffic Barrier, Add Transfer	8127001	58,520.000	Ft
2175	_ Moveable Conc Traffic Barrier, Relocate	8127001	6,000.000	Ft
2180	_ Moveable Conc Traffic Barrier, Replacement	8127001	1,000.000	Ft
2185	_ Moveable Wall Layout Line Temp	8127001	19,000.000	Ft
2190	_ Driveway Maintenance	8127050	20.000	Ea
2195	_ Heavy Duty Wrecker	8127050	5.000	Ea
2200	_ Light Duty Wrecker	8127050	10.000	Ea
2205	_ Medium Duty Wrecker	8127050	5.000	Ea

2210	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
2215	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
2220	_ Pavt Repr, Spec	8127060	1.000	Dlr
2225	Riprap, Heavy	8130005	2,406.000	Syd
2230	Riprap, Plain	8130010	1,580.000	Syd
2235	Ditch, Plain Cobble	8140005	1,260.000	Syd
2240	Site Preparation, Max \$128,300.00	8150001	1.000	LSUM
2245	Watering and Cultivating, First Season, Min \$62,300.00	8150002	1.000	LSUM
2250	Watering and Cultivating, 2nd Season, Min \$77,000.00	8150003	1.000	LSUM
2255	Acer rubrum, 2 inch	8150149	80.000	Ea
2260	Carpinus caroliniana, #10 cont.	8150735	31.000	Ea
2265	Celtis occidentalis, 2 inch	8150780	31.000	Ea
2270	Clethra alnifolia 'Hummingbird', #2 cont.	8150862	25.000	Ea
2275	Cornus alternifolia, 6 foot	8150945	15.000	Ea
2280	Cornus sericea 'Kelseyi', #3 cont.	8151059	33.000	Ea
2285	Diervilla lonicera, #2 cont.	8151219	16.000	Ea
2290	Fothergilla gardenii 'Blue Mist', #3 cont.	8151518	32.000	Ea
2295	Itea virginica 'Sprich', #3 cont.	8151926	33.000	Ea
2300	Juniperus virginiana, 6 foot	8152032	23.000	Ea
2305	Liquidambar styraciflua, 2 inch	8152164	23.000	Ea
2310	Liriodendron tulipifera, 2 inch	8152177	21.000	Ea
2315	Nyssa sylvatica, 2 inch	8152513	33.000	Ea
2320	Picea glauca, 8 foot	8152760	56.000	Ea
2325	Pinus strobus, 8 foot	8152872	23.000	Ea
2330	Platanus x acerifolia 'Bloodgood', 2 inch	8152885	45.000	Ea
2335	Quercus alba, 2 inch	8153031	59.000	Ea
2340	Quercus bicolor, 2 inch	8153044	37.000	Ea
2345	Quercus macrocarpa, 2 inch	8153085	83.000	Ea
2350	Quercus rubra, 2 inch	8153126	69.000	Ea
2355	Rhus aromatica 'Gro-Low', #3 cont.	8153167	49.000	Ea
2360	Sambucus canadensis, 3 foot	8153379	36.000	Ea
2365	Taxodium distichum, 2 inch	8153746	42.000	Ea
2370	Tilia americana, 2 inch	8153843	42.000	Ea
2375	_ Horticultural Work	8157040	100.000	Hr
2380	_ Carya ovata, 2 inch	8157050	48.000	Ea
2385	_ Comptonia peregrina, #3 cont.	8157050	36.000	Ea
2390	_ Ilex glabra 'Strongbox', #3 cont.	8157050	45.000	Ea
2395	_ Prunus serotina, 2 inch	8157050	48.000	Ea
2400	Slope Restoration, Non-Freeway, Type C	8162003	1,000.000	Syd
2405	Slope Restoration, Freeway, Type A	8162013	146,335.000	Syd
2410	Slope Restoration, Freeway, Type B	8162014	168,356.000	Syd
2415	Slope Restoration, Freeway, Type C	8162015	154,837.000	Syd
2420	Slope Restoration, Freeway, Type D	8162016	41,393.000	Syd

2425	Slope Restoration, Freeway, Type E	8162017	250.000	Syd
2430	_ Compacted Soil Restoration	8167011	30,000.000	Syd
2435	_ Mulch Blanket, Modified	8167011	297,324.000	Syd
2440	Power Company (Estimated Cost to Contractor)	8180001	5,000.000	Dlr
2445	Conduit, Rem	8182000	1,910.000	Ft
2450	Conduit, Directional Bore, 1, 3 inch	8182035	2,485.000	Ft
2455	Conduit, Directional Bore, 2, 3 inch	8182037	17,900.000	Ft
2460	Conduit, Directional Bore, 3, 3 inch	8182039	1,445.000	Ft
2465	Conduit, DB, 1, 1 1/2 inch	8182048	25.000	Ft
2470	Conduit, DB, 1, 3 inch	8182050	555.000	Ft
2475	Conduit, DB, 2, 3 inch	8182053	175.000	Ft
2480	Conduit, DB, 3, 3 inch	8182056	25.000	Ft
2485	Conduit, DB, 4, 3 inch	8182059	105.000	Ft
2490	Conduit, Schedule 80, 2 inch	8182146	3,820.000	Ft
2495	Conduit, Schedule 80, 3 inch	8182148	12,865.000	Ft
2500	Conduit, Schedule 80, 4 inch	8182150	75.000	Ft
2505	DB Cable, in Conduit, 600V, 1/C#4	8182185	44,665.000	Ft
2510	DB Cable, in Conduit, 600V, 1/C#6	8182187	18,860.000	Ft
2515	DB Cable, in Conduit, 600V, 1/C#10	8182189	11,295.000	Ft
2520	Cable, Rem	8182196	1,825.000	Ft
2525	DB Cable, in Conduit, Rem	8182197	150.000	Ft
2530	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
2535	Cable, Sec, 600V, 1, 3/C#6	8182238	50.000	Ft
2540	Cable, Equipment Grounding Wire, 1/C#4	8182290	14,965.000	Ft
2545	Cable, Equipment Grounding Wire, 1/C#6	8182291	6,855.000	Ft
2550	Cable, Equipment Grounding Wire, 1/C#10	8182293	4,965.000	Ft
2555	Hh, Round	8182310	87.000	Ea
2560	Hh, Round, 3 foot dia	8182319	35.000	Ea
2565	Hh, Adj	8182328	1.000	Ea
2570	Hh, Rem	8182330	12.000	Ea
2575	Metered Serv, Rem	8182339	1.000	Ea
2580	Wood Pole, Cl 4, 40 foot	8182351	4.000	Ea
2585	Wood Pole, Rem	8182363	4.000	Ea
2590	Serv Disconnect	8182366	1.000	Ea
2595	Serv Disconnect, Rem	8182367	1.000	Ea
2600	Wood Pole, Fit Up, Metered Sec Elec Serv with Photo Control	8182376	1.000	Ea
2605	Wood Pole, Fit Up, TS and Sec Cable Pole	8182386	1.000	Ea
2610	_ Cable, Equipment Grounding Wire, 1/C#14	8187001	170.000	Ft
2615	_ DB Cable, in Conduit, 600V, 1/C#14	8187001	510.000	Ft
2620	_ DB Cable, in Conduit, 600V, 1/C#350KCM	8187001	150.000	Ft
2625	_ Hh, Round, Elec	8187050	12.000	Ea
2630	_ Hh, Type D	8187050	5.000	Ea
2635	_ Lighting Control Panel, Modified	8187050	1.000	Ea
2640	_ Luminaire, Median	8187050	55.000	Ea

2645	_ Luminaire, Ramp	8187050	17.000	Ea
2650	_ Luminaire, Underbridge	8187050	12.000	Ea
2655	_ Lighting Control Panel	8187051	1.000	LSUM
2660	_ Utility, Electric	8187051	1.000	LSUM
2665	Light Std Arm, 17 foot	8190270	18.000	Ea
2670	Light Std Fdn	8190279	47.000	Ea
2675	Light Std, Frangible Transformer Base	8190281	12.000	Ea
2680	Light Std Shaft, 30 foot or less	8190285	23.000	Ea
2685	Light Std Shaft, 31 foot to 40 foot	8190286	55.000	Ea
2690	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	3.000	Ea
2695	Case Sign, Rem	8200020	2.000	Ea
2700	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
2705	Controller and Cabinet, Salv	8200037	1.000	Ea
2710	Case Sign, Salv	8200039	4.000	Ea
2715	Global Positioning System Module	8200050	1.000	Ea
2720	Fdn, Rem	8200065	7.000	Ea
2725	Span Wire	8200140	7.000	Ea
2730	Span Wire, Rem	8200141	8.000	Ea
2735	Span Wire Tether	8200142	3.000	Ea
2740	Steel Pole, Rem	8200145	3.000	Ea
2745	Traf Loop	8200170	6.000	Ea
2750	TS, Span Wire Mtd, Rem	8200182	8.000	Ea
2755	Cabinet, Rem	8200184	3.000	Ea
2760	Cabinet, NEMA Type	8200186	1.000	Ea
2765	TS, One Way Span Wire Mtd, Salv	8200191	6.000	Ea
2770	TS, One Way Span Wire Mtd, One Sect (LED)	8200290	1.000	Ea
2775	TS, One Way Span Wire Mtd (LED)	8200313	11.000	Ea
2780	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	4.000	Ea
2785	Conc Pole, Rem	8200412	1.000	Ea
2790	Emergency Pre-emption, Rem	8200415	2.000	Ea
2795	Emergency Pre-emption, Salv	8200416	2.000	Ea
2800	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
2805	Strain Pole, Steel, 6 bolt, 36 foot	8200461	1.000	Ea
2810	Strain Pole, Steel, 6 bolt, 40 foot	8200462	2.000	Ea
2815	Strain Pole Fdn, 6 Bolt	8200470	67.000	Ft
2820	Casing	8200480	20.000	Ft
2825	Backplate, TS	8200501	6.000	Ea
2830	Backplate, TS, Salv	8200503	6.000	Ea
2835	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
2840	Monument Box	8210001	10.000	Ea
2845	Monument Preservation	8210010	10.000	Ea
2850	Protect Corners	8210020	10.000	Ea
2855	Contractor Staking	8240001	1.000	LSUM
2860	Staking Plan Errors and Extras, Max \$180/hour	8240002	1,692.000	Hr
2865	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM

2870	Lightning Protection, Pole	8260021	9.000	Ea
2875	Microwave Vehicle Detection System	8260040	6.000	Ea
2880	Microwave Vehicle Detection System, Rem	8260043	4.000	Ea
2885	Fiber Optic, Cable, Single Mode Fiber, 24 Strand	8260048	22,030.000	Ft
2890	Fiber Optic, Cable, Single Mode Fiber, 60 Strand	8260051	21,155.000	Ft
2895	Fiber Optic, Splice Cabinet	8260064	3.000	Ea
2900	Fiber Optic, Hardware Assembly, Small	8260065	6.000	Ea
2905	Fiber Optic, Hardware Assembly, Medium	8260066	4.000	Ea
2910	Fiber Optic, Marker, Above Ground	8260069	75.000	Ea
2915	Tracer Wire	8260070	19,040.000	Ft
2920	Fiber Optic, Pigtail	8260071	116.000	Ea
2925	Fiber Optic, Jumper	8260072	18.000	Ea
2930	Managed Field Ethernet Switch, Layer 2	8260080	5.000	Ea
2935	Managed Field Ethernet Switch, Layer 3	8260082	1.000	Ea
2940	Managed Field Ethernet Switch, Rem	8260087	4.000	Ea
2945	Power Serv, Underground, 30AMP, 120/240V	8260100	2.000	Ea
2950	Safety Switch, Non-Fusible	8260108	2.000	Ea
2955	Elec Rack	8260110	2.000	Ea
2960	Power Serv, Refurbish, 100AMP, 480V	8260113	1.000	Ea
2965	Uninterruptible Power Supply, ITS Cabinet	8260140	1.000	Ea
2970	Uninterruptible Power Supply, Rem	8260146	4.000	Ea
2975	Flowable Fill, Spun Pole Fdn	8260149	20.000	Cyd
2980	Spun Conc Pole, Type A	8260152	2.000	Ea
2985	Drilled Shaft and Conc Skirt, Cased	8260155	2.000	Ea
2990	Surveillance System, Remote Site, Type A	8260157	5.000	Ea
2995	System Integration and Testing	8260160	1.000	LSUM
3000	_ Noise Barrier Wall, Precast Conc, Erect	8507010	93,760.000	Sft
3005	_ Noise Barrier Wall, Precast Conc, Furn	8507010	93,760.000	Sft

Section: 2

3010	Excavation, Earth	2050016	398,516.000	Cyd
3015	_ Embankment, CIP, Spec	2057021	308,700.000	Cyd
3020	Subbase, CIP	3010002	217,519.000	Cyd
3025	Aggregate Base, 6 inch	3020016	353,793.000	Syd
3030	Open-Graded Dr Cse, 6 inch	3030006	7,849.000	Syd
3035	_ Shld, Cl II, 7 1/4 inch, Modified	3077011	4,441.000	Syd
3040	_ Shld, Cl II, 8 1/4 inch, Modified	3077011	14,584.000	Syd
3045	Geotextile, Separator, Non-Woven	3082000	7,849.000	Syd
3050	Dr Marker Post	4011109	357.000	Ea
3055	Underdrain, Subbase, 6 inch	4040063	135,175.000	Ft
3060	Underdrain Outlet, 6 inch	4040093	15,654.000	Ft
3065	Underdrain, Outlet Ending, 6 inch	4040113	357.000	Ea
3070	HMA Quality Initiative	5010007	877,000.000	Dlr
3075	_ HMA Approach (7.25")	5017011	2,852.000	Syd
3080	_ HMA Approach (8.25")	5017011	4,469.000	Syd

3085	_ HMA, 2EMH (4")	5017011	243,853.000	Syd
3090	_ HMA, 2EML (4")	5017011	18,043.000	Syd
3095	_ HMA, 3EMH (3.25")	5017011	45,871.000	Syd
3100	_ HMA, 4EMH (2")	5017011	45,871.000	Syd
3105	_ HMA, 4EMH (2.25")	5017011	243,853.000	Syd
3110	_ HMA, 4EML (2.25")	5017011	18,043.000	Syd
3115	_ HMA, 5EMH (2")	5017011	289,724.000	Syd
3120	_ HMA, 5EML (2")	5017011	18,043.000	Syd
3125	Curb and Gutter, Conc, Det B2	8020016	682.000	Ft
3130	Curb and Gutter, Conc, Det D2	8020031	5,120.000	Ft
3135	Curb and Gutter, Conc, Det F4	8020038	6,091.000	Ft
3140	_ Curb and Gutter, Conc, Det B2, Modified	8027001	1,144.000	Ft
3145	Delineator Reflector, Green	8100133	352.000	Ea
3150	Freeway Shld Corrugations, Milled, HMA	8222001	77,300.000	Ft

Section: 3

3155	Conc Quality Initiative	10000030	897,412.000	Dlr
3160	Excavation, Earth	2050016	340,928.000	Cyd
3165	_ Embankment, CIP, Spec	2057021	336,749.000	Cyd
3170	Subbase, CIP	3010002	123,715.000	Cyd
3175	Open-Graded Dr Cse, 6 inch	3030006	361,161.000	Syd
3180	_ Shld, CI II, 8 inch, Modified	3077011	4,407.000	Syd
3185	_ Shld, CI II, 9 1/2 inch, Modified	3077011	14,894.000	Syd
3190	Geotextile, Separator, Non-Woven	3082000	371,678.000	Syd
3195	Dr Marker Post	4011109	283.000	Ea
3200	Underdrain, Pipe, Open-Graded, 6 inch	4040043	135,733.000	Ft
3205	Underdrain Outlet, 6 inch	4040093	15,684.000	Ft
3210	Underdrain, Outlet Ending, 6 inch	4040113	357.000	Ea
3215	Joint, Contraction, Cp	6020200	137,483.000	Ft
3220	Joint, Contraction, C3p	6020201	69,684.000	Ft
3225	Joint, Expansion, E2	6020207	2,042.000	Ft
3230	Joint, Expansion, E3	6020208	1,865.000	Ft
3235	Joint, Expansion, E4	6020209	941.000	Ft
3240	Joint, Pressure Relief	6020213	1,694.000	Ft
3245	Conc Pavt, Nonreinf, 8 inch, High Performance	6020500	1,559.000	Syd
3250	Conc Pavt, Nonreinf, 9 1/2 inch, High Performance	6020503	163,256.000	Syd
3255	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	34,246.000	Syd
3260	Conc Pavt, Misc, Nonreinf, 9 1/2 inch, High Performance	6020515	23,029.000	Syd
3265	Shld, Nonreinf Conc, High Performance	6020524	94,877.000	Syd
3270	_ Expansion Joint, Type E3, Modified	6037001	2,143.000	Ft
3275	Curb and Gutter, Conc, Det B1	8020015	682.000	Ft
3280	Curb and Gutter, Conc, Det D3	8020032	6,098.000	Ft
3285	Curb and Gutter, Conc, Det F3	8020037	6,227.000	Ft
3290	_ Curb and Gutter, Conc, Det B1, Modified	8027001	1,144.000	Ft

3295	Delineator Reflector, Green	8100133	352.000	Ea
3300	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	11,085.000	Ft
3305	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	254.000	Ft
3310	Recessing Pavt Mrkg, Longit	8110450	11,338.000	Ft
3315	Freeway Shld Corrugations, Milled, Conc	8222000	77,300.000	Ft

Section: 4

3320	_ Railroad Inspection and Flagging, CSX Transportation	1027060	855,000.000	Dlr
3325	_ Railroad Inspection and Flagging, Grand Trunk Western Railroad	1027060	405,000.000	Dlr
3330	_ Railroad Protection, CSX Transportation	1027060	290,000.000	Dlr
3335	_ Railroad Protection, Grand Trunk Western Railroad Company	1027060	75,000.000	Dlr
3340	Rem and Disposal of Asbestos Materials	2040002	158,650.000	Dlr
3345	Asbestos Survey (B01 of 33045)	2040003	1.000	LSUM
3350	Asbestos Survey (B02 of 33045)	2040003	1.000	LSUM
3355	Asbestos Survey (R03 of 33045)	2040003	1.000	LSUM
3360	Asbestos Survey (R04 of 33045)	2040003	1.000	LSUM
3365	Asbestos Survey (R05 of 33045)	2040003	1.000	LSUM
3370	Asbestos Survey (R06 of 33045)	2040003	1.000	LSUM
3375	Asbestos Survey (R07 of 33045)	2040003	1.000	LSUM
3380	Asbestos Survey (S05 of 33045)	2040003	1.000	LSUM
3385	Asbestos Survey (S06 of 33045)	2040003	1.000	LSUM
3390	Asbestos Survey (S16 of 33045)	2040003	1.000	LSUM
3395	Structures, Rem (R03 of 33045)	2040060	1.000	LSUM
3400	Structures, Rem (R04 of 33045)	2040060	1.000	LSUM
3405	Structures, Rem (R07 of 33045)	2040060	1.000	LSUM
3410	Structures, Rem Portions (R05 of 33045)	2040061	1.000	LSUM
3415	Structures, Rem Portions (R06 of 33045)	2040061	1.000	LSUM
3420	Structure Demolition Plan, Complex (R05 of 33045)	2040064	1.000	LSUM
3425	Structure Demolition Plan, Complex (R06 of 33045)	2040064	1.000	LSUM
3430	Embankment, Structure, CIP	2050012	1,767.000	Cyd
3435	Excavation, Channel	2050015	310.000	Cyd
3440	_ Channel, Temp (C01 of 33045)	2057051	1.000	LSUM
3445	_ Channel, Temp (C02 of 33045)	2057051	1.000	LSUM
3450	Backfill, Structure, CIP	2060002	110,297.000	Cyd
3455	Backfill, Select	2060004	10,650.000	Cyd
3460	Excavation, Fdn	2060010	92,814.000	Cyd
3465	_ PVC Liner for Expanded Polystyrene Block	2067011	1,341.000	Syd
3470	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	1,237.000	Cyd
3475	_ Dewatering System, Excavation	2067050	4.000	Ea
3480	Erosion Control, Filter Bag	2080014	12.000	Ea
3485	Erosion Control, Gravel Filter Berm	2080018	540.000	Ft
3490	_ Liner, PVC, 30 mil, Spec	2087011	2,280.000	Syd

3495	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
3500	Underdrain, Fdn, 4 inch	4040031	506.000	Ft
3505	Underdrain, Fdn, 6 inch	4040033	8,423.000	Ft
3510	Culv Bedding, Box Culv	4060005	540.000	Cyd
3515	Culv, Precast Conc Box, 8 foot by 8 foot	4060119	255.000	Ft
3520	Culv, Precast Conc Box, 12 foot by 8 foot	4060149	331.000	Ft
3525	_ Conc Base Cse, Reinf, Spec	6027021	225.000	Cyd
3530	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	21,580.000	Sft
3535	_ Cofferdam, Left in Place, Spec (C01 of 33045)	7047051	1.000	LSUM
3540	_ Cofferdam, Left in Place, Spec (C02 of 33045)	7047051	1.000	LSUM
3545	_ Cofferdam, Spec (C01 of 33045)	7047051	1.000	LSUM
3550	_ Cofferdams, Left in Place, Spec (96" X 96" CULVERT)	7047051	1.000	LSUM
3555	_ Cofferdams, Spec (96" X 96" CULVERT)	7047051	1.000	LSUM
3560	Pile Driving Equipment, Furn (R03 of 33045)	7050002	1.000	LSUM
3565	Pile Driving Equipment, Furn (R04 of 33045)	7050002	1.000	LSUM
3570	Pile Driving Equipment, Furn (R05 of 33045)	7050002	1.000	LSUM
3575	Pile Driving Equipment, Furn (R06 of 33045)	7050002	1.000	LSUM
3580	Pile Driving Equipment, Furn (R14 of 33045)	7050002	1.000	LSUM
3585	Pile Driving Equipment, Furn (S09-3 of 33045)	7050002	1.000	LSUM
3590	Pile Driving Equipment, Furn (S09-4 of 33045)	7050002	1.000	LSUM
3595	Pile Driving Equipment, Furn (S10-3 of 33045)	7050002	1.000	LSUM
3600	Pile Driving Equipment, Furn (S10-4 of 33045)	7050002	1.000	LSUM
3605	Pile, Steel, Furn and Driven, 12 inch	7050030	3,490.000	Ft
3610	Test Pile, Steel, 12 inch	7050031	7.000	Ea
3615	Pile, Steel, Furn and Driven, 14 inch	7050034	77,250.000	Ft
3620	Pile Point, Steel	7050039	922.000	Ea
3625	Pile, Steel, Splice	7050050	1,056.000	Ea
3630	Pile Protection	7052000	2,085.000	Ft
3635	_ Test Pile, Dynamic Analysis	7057050	28.000	Ea
3640	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	26.000	Ea
3645	Bridge Ltg, Furn and Rem (B02 of 33045)	7060001	1.000	LSUM
3650	Bridge Ltg, Furn and Rem (R03 of 33045)	7060001	1.000	LSUM
3655	Bridge Ltg, Furn and Rem (R04 of 33045)	7060001	1.000	LSUM
3660	Bridge Ltg, Furn and Rem (R05 of 33045)	7060001	1.000	LSUM
3665	Bridge Ltg, Furn and Rem (R06 of 33045)	7060001	1.000	LSUM
3670	Bridge Ltg, Furn and Rem (R14 of 33045)	7060001	1.000	LSUM
3675	Bridge Ltg, Furn and Rem (S05 of 33045)	7060001	1.000	LSUM
3680	Bridge Ltg, Furn and Rem (S06 of 33045)	7060001	1.000	LSUM
3685	Bridge Ltg, Furn and Rem (S09-3 of 33045)	7060001	1.000	LSUM
3690	Bridge Ltg, Furn and Rem (S09-4 of 33045)	7060001	1.000	LSUM
3695	Bridge Ltg, Furn and Rem (S10-3 of 33045)	7060001	1.000	LSUM
3700	Bridge Ltg, Furn and Rem (S10-4 of 33045)	7060001	1.000	LSUM
3705	Bridge Ltg, Furn and Rem (S14 of 33045)	7060001	1.000	LSUM
3710	Bridge Ltg, Furn and Rem (S16 of 33045)	7060001	1.000	LSUM

3715	Bridge Ltg, Oper and Maintain	7060002	4,555.000	Cyd
3720	Elec Grounding System	7060040	5.000	Ea
3725	Expansion Joint Device	7060050	1,960.000	Ft
3730	False Decking	7060060	82,668.000	Sft
3735	Reinforcement, Steel, Epoxy Coated	7060092	2,949,119.000	Lb
3740	Substructure Conc, High Performance	7060101	11,210.000	Cyd
3745	Superstructure Conc, Form, Finish, and Cure (R03 of 33045)	7060111	1.000	LSUM
3750	Superstructure Conc, Form, Finish, and Cure (R04 of 33045)	7060111	1.000	LSUM
3755	Superstructure Conc, Form, Finish, and Cure (R05 of 33045)	7060111	1.000	LSUM
3760	Superstructure Conc, Form, Finish, and Cure (R06 of 33045)	7060111	1.000	LSUM
3765	Superstructure Conc, Form, Finish, and Cure (R14 of 33045)	7060111	1.000	LSUM
3770	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 33045)	7060112	1.000	LSUM
3775	Superstructure Conc, Form, Finish, and Cure, Night Casting (R03 of 33045)	7060112	1.000	LSUM
3780	Superstructure Conc, Form, Finish, and Cure, Night Casting (R04 of 33045)	7060112	1.000	LSUM
3785	Superstructure Conc, Form, Finish, and Cure, Night Casting (R05 of 33045)	7060112	1.000	LSUM
3790	Superstructure Conc, Form, Finish, and Cure, Night Casting (R06 of 33045)	7060112	1.000	LSUM
3795	Superstructure Conc, Form, Finish, and Cure, Night Casting (R14 of 33045)	7060112	1.000	LSUM
3800	Superstructure Conc, Form, Finish, and Cure, Night Casting (S05 of 33045)	7060112	1.000	LSUM
3805	Superstructure Conc, Form, Finish, and Cure, Night Casting (S06 of 33045)	7060112	1.000	LSUM
3810	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09-3 of 33045)	7060112	1.000	LSUM
3815	Superstructure Conc, Form, Finish, and Cure, Night Casting (S09-4 of 33045)	7060112	1.000	LSUM
3820	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10-3 of 33045)	7060112	1.000	LSUM
3825	Superstructure Conc, Form, Finish, and Cure, Night Casting (S10-4 of 33045)	7060112	1.000	LSUM
3830	Superstructure Conc, Form, Finish, and Cure, Night Casting (S14 of 33045)	7060112	1.000	LSUM
3835	Superstructure Conc, Form, Finish, and Cure, Night Casting (S16 of 33045)	7060112	1.000	LSUM
3840	Superstructure Conc, High Performance	7060116	143.000	Cyd
3845	Superstructure Conc, Night Casting, High Performance	7060117	4,555.000	Cyd
3850	Wall Drain	7060130	577.000	Sft
3855	Mechanically Stabilized Earth Wall, Precast, Furn	7060200	8,350.000	Sft
3860	Mechanically Stabilized Earth Wall, Precast, Install	7060201	8,350.000	Sft
3865	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	3,310.000	Sft
3870	Mechanically Stabilized Earth Wall, Wire Faced, Temp,	7060203	3,310.000	Sft

	Install			
3875	Mechanically Stabilized Earth Wall Coping, Precast	7060206	627.000	Ft
3880	Mechanically Stabilized Earth Wall, Leveling Pad, Conc	7060208	627.000	Ft
3885	Liner, PVC, 30 mil	7060209	1,410.000	Syd
3890	Sealing Localized Cracks (R03 of 33045)	7060220	1.000	LSUM
3895	Sealing Localized Cracks (R04 of 33045)	7060220	1.000	LSUM
3900	Sealing Localized Cracks (R05 of 33045)	7060220	1.000	LSUM
3905	Sealing Localized Cracks (R06 of 33045)	7060220	1.000	LSUM
3910	Sealing Localized Cracks (R14 of 33045)	7060220	1.000	LSUM
3915	Conc, Grade 3500, Subfooting	7062000	69.000	Cyd
3920	Conc, Grade 4500HP	7062004	179.000	Cyd
3925	Aesthetic Texturing	7062005	785.000	Syd
3930	_ Expansive Waterstop	7067001	50.000	Ft
3935	_ False Decking, Spec	7067010	71,903.000	Sft
3940	_ Fiber Reinf Polymer System Parallel Direction for Prest Conc Beam Repair	7067010	36.000	Sft
3945	Bearing, Elastomeric, 1 inch	7070012	8,440.000	Sin
3950	Bearing, Elastomeric, 2 inch	7070016	15,352.000	Sin
3955	Bearing, Elastomeric, 2 1/2 inch	7070018	3,456.000	Sin
3960	Bearing, Elastomeric, 3 1/4 inch	7070021	31,968.000	Sin
3965	Bushing	7070030	32.000	Ea
3970	Shear Developers (R14 of 33045)	7070040	1.000	LSUM
3975	Shear Developers (S14 of 33045)	7070040	1.000	LSUM
3980	Structural Steel, Mixed, Erect	7070050	100,324.000	Lb
3985	Structural Steel, Mixed, Furn and Fab	7070051	100,324.000	Lb
3990	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	44,241.000	Lb
3995	Steel Diaphragm, Prest Conc Beam, Erect	7070054	44,241.000	Lb
4000	Structural Steel, Plate, Erect	7070060	2,216,400.000	Lb
4005	Structural Steel, Plate, Furn and Fab	7070061	2,216,400.000	Lb
4010	Structural Steel, Rolled Shape, Erect	7070070	66,200.000	Lb
4015	Structural Steel, Rolled Shape, Furn and Fab	7070071	66,200.000	Lb
4020	Metal Mesh Panels	7070120	6,162.000	Sft
4025	Complex Steel Erection (R14 of 33045)	7072000	1.000	LSUM
4030	_ Bearing, Elastomeric, 5 3/4 inch	7077008	7,200.000	Sin
4035	_ Bearing, Elastomeric, Sliding, 7 1/2 inch	7077008	7,650.000	Sin
4040	_ Structural Steel, Rem and Re-Erect (S06 of 33045)	7077051	1.000	LSUM
4045	Prest Conc I Beam, Furn, 36 inch	7080025	906.000	Ft
4050	Prest Conc I Beam, Erect, 36 inch	7080026	906.000	Ft
4055	Prest Conc I Beam, Furn, 45 inch	7080029	540.000	Ft
4060	Prest Conc I Beam, Erect, 45 inch	7080030	540.000	Ft
4065	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	1,642.000	Ft
4070	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	1,642.000	Ft
4075	Prest Conc Bulb-Tee Beam, Furn, 72 inch by 49 inch	7080140	5,184.000	Ft

4080	Prest Conc Bulb-Tee Beam, Erect, 72 inch by 49 inch	7080141	5,184.000	Ft
4085	Joint Waterproofing	7100001	8,994.000	Sft
4090	Joint Waterproofing, Expansion	7100003	1,152.000	Sft
4095	Conc Surface Coating, Warranty (B01 of 33045)	7100009	1.000	LSUM
4100	Conc Surface Coating, Warranty (B02 of 33045)	7100009	1.000	LSUM
4105	Conc Surface Coating, Warranty (NB-C)	7100009	1.000	LSUM
4110	Conc Surface Coating, Warranty (NB-G)	7100009	1.000	LSUM
4115	Conc Surface Coating, Warranty (R03 of 33045)	7100009	1.000	LSUM
4120	Conc Surface Coating, Warranty (R04 of 33045)	7100009	1.000	LSUM
4125	Conc Surface Coating, Warranty (R05 of 33045)	7100009	1.000	LSUM
4130	Conc Surface Coating, Warranty (R06 of 33045)	7100009	1.000	LSUM
4135	Conc Surface Coating, Warranty (R14 of 33045)	7100009	1.000	LSUM
4140	Conc Surface Coating, Warranty (S05 of 33045)	7100009	1.000	LSUM
4145	Conc Surface Coating, Warranty (S06 of 33045)	7100009	1.000	LSUM
4150	Conc Surface Coating, Warranty (S09-3 of 33045)	7100009	1.000	LSUM
4155	Conc Surface Coating, Warranty (S09-4 of 33045)	7100009	1.000	LSUM
4160	Conc Surface Coating, Warranty (S10-3 of 33045)	7100009	1.000	LSUM
4165	Conc Surface Coating, Warranty (S10-4 of 33045)	7100009	1.000	LSUM
4170	Conc Surface Coating, Warranty (S12 of 33045)	7100009	1.000	LSUM
4175	Conc Surface Coating, Warranty (S13 of 33045)	7100009	1.000	LSUM
4180	Conc Surface Coating, Warranty (S14 of 33045)	7100009	1.000	LSUM
4185	Conc Surface Coating, Warranty (S15 of 33045)	7100009	1.000	LSUM
4190	Conc Surface Coating, Warranty (S16 of 33045)	7100009	1.000	LSUM
4195	Substructure Horizontal Surface Sealer (B02 of 33045)	7100030	22.000	Syd
4200	Substructure Horizontal Surface Sealer (NB-C)	7100030	32.000	Syd
4205	Substructure Horizontal Surface Sealer (NB-G)	7100030	21.000	Syd
4210	Substructure Horizontal Surface Sealer (S05 of 33045)	7100030	30.000	Syd
4215	Substructure Horizontal Surface Sealer (S06 of 33045)	7100030	70.000	Syd
4220	Substructure Horizontal Surface Sealer (S09-3 of 33045)	7100030	42.000	Syd
4225	Substructure Horizontal Surface Sealer (S09-4 of 33045)	7100030	42.000	Syd
4230	Substructure Horizontal Surface Sealer (S10-3 of 33045)	7100030	50.000	Syd
4235	Substructure Horizontal Surface Sealer (S10-4 of 33045)	7100030	50.000	Syd
4240	Substructure Horizontal Surface Sealer (S16 of 33045)	7100030	34.000	Syd
4245	_ Silane Treatment	7107010	36,574.000	Sft
4250	Bridge Railing, Conc Block Retrofit	7110007	892.000	Ft
4255	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	149.000	Ft
4260	Bridge Barrier Railing, Aesthetic, Type 6, Det 2, High Performance	7112062	4,876.000	Ft
4265	_ Bridge Railing Tube, Reconst Portions	7117001	35.000	Ft
4270	Hand Chipping, Shallow	7120003	61.000	Syd
4275	Hand Chipping, Deep	7120004	24.000	Syd
4280	Hand Chipping, Other Than Deck	7120007	439.000	Cft

4285	Patch, Full Depth	7120010	52.000	Cyd
4290	Patch, Forming	7120017	985.000	Sft
4295	Epoxy Ovly, Warranty	7120022	18,508.000	Syd
4300	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	272.000	Ea
4305	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	18.000	Ea
4310	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	1,954.000	Ea
4315	Structures, Rehabilitation, Rem Portions, Modified (B02 of 33045)	7120060	1.000	LSUM
4320	Structures, Rehabilitation, Rem Portions, Modified (S05 of 33045)	7120060	1.000	LSUM
4325	Structures, Rehabilitation, Rem Portions, Modified (S06 of 33045)	7120060	1.000	LSUM
4330	Structures, Rehabilitation, Rem Portions, Modified (S14 of 33045)	7120060	1.000	LSUM
4335	Structures, Rehabilitation, Rem Portions, Modified (S16 of 33045)	7120060	1.000	LSUM
4340	Shear Developer, Rem	7120061	25.000	Ea
4345	Shear Developer, Spec	7120062	575.000	Ea
4350	Structures, Rehabilitation, Rem Portions (B01 of 33045)	7120070	1.000	LSUM
4355	Structures, Rehabilitation, Rem Portions (S09-3 of 33045)	7120070	1.000	LSUM
4360	Structures, Rehabilitation, Rem Portions (S09-4 of 33045)	7120070	1.000	LSUM
4365	Structures, Rehabilitation, Rem Portions (S10-3 of 33045)	7120070	1.000	LSUM
4370	Structures, Rehabilitation, Rem Portions (S10-4 of 33045)	7120070	1.000	LSUM
4375	Deck Joint, Rem	7120071	1,087.000	Ft
4380	Flushing Cracks, Water	7120098	30.000	Ft
4385	Structural Crack, Repr	7120099	30.000	Ft
4390	Top Flanges and Beam Ends, Clean and Coat	7120100	287.000	Syd
4395	Patching Conc, C-L	7120112	56.000	Cyd
4400	Embedded Galvanic Anode	7120120	3,064.000	Ea
4405	Hand Chipping, Full Depth	7122000	1,028.000	Cft
4410	_ Deck, Scaling	7127010	21,619.000	Sft
4415	_ Hand Chipping, Spec	7127010	642.000	Sft
4420	_ Maintenance Repair of Prest Conc Beam	7127010	950.000	Sft
4425	_ Latex Modified Conc, Spec	7127021	7.000	Cyd
4430	Beam Plate, Seal Perimeter	7130010	3,073.000	Ft
4435	Hanger Assembly, Field Measurement	7130030	2.000	Ea
4440	Hanger Assembly, Rem and Erect	7130031	2.000	Ea
4445	Rocker, Realign	7130050	7.000	Ea
4450	Stiffeners, Furn, Fab, and Erect	7130060	5,638.000	Lb
4455	Structural Steel, Furn and Fab, Pin and Hanger	7130070	129.000	Lb
4460	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	10,233.000	Lb
4465	Support, Column, Temp	7130080	52.000	Ea
4470	Support, Suspension, Temp	7130082	2.000	Ea
4475	Salv Support, Column, Temp	7132000	4.000	Ea

4480	_ Support, Temp, Column, Spec	7137050	10.000	Ea
4485	_ Structural Steel, Rem and Re-Erect (B02 of 33045)	7137051	1.000	LSUM
4490	_ Structural Steel, Rem and Re-Erect (S16 of 33045)	7137051	1.000	LSUM
4495	Steel Structure, Cleaning, Partial, Type 4 (B01 of 33045)	7150047	1.000	LSUM
4500	Steel Structure, Cleaning, Partial, Type 4 (B02 of 33045)	7150047	1.000	LSUM
4505	Steel Structure, Cleaning, Partial, Type 4 (S05 of 33045)	7150047	1.000	LSUM
4510	Steel Structure, Cleaning, Partial, Type 4 (S06 of 33045)	7150047	1.000	LSUM
4515	Steel Structure, Cleaning, Partial, Type 4 (S16 of 33045)	7150047	1.000	LSUM
4520	Steel Structure, Coating, Partial, Type 4 (B01 of 33045)	7150048	1.000	LSUM
4525	Steel Structure, Coating, Partial, Type 4 (B02 of 33045)	7150048	1.000	LSUM
4530	Steel Structure, Coating, Partial, Type 4 (S05 of 33045)	7150048	1.000	LSUM
4535	Steel Structure, Coating, Partial, Type 4 (S06 of 33045)	7150048	1.000	LSUM
4540	Steel Structure, Coating, Partial, Type 4 (S16 of 33045)	7150048	1.000	LSUM
4545	_ Clean and Coat Steel Bearing	7157050	94.000	Ea
4550	Field Repr of Damaged Coating (B01 of 33045)	7160001	1.000	LSUM
4555	Field Repr of Damaged Coating (B02 of 33045)	7160001	1.000	LSUM
4560	Field Repr of Damaged Coating (R14 of 33045)	7160001	1.000	LSUM
4565	Field Repr of Damaged Coating (S05 of 33045)	7160001	1.000	LSUM
4570	Field Repr of Damaged Coating (S06 of 33045)	7160001	1.000	LSUM
4575	Field Repr of Damaged Coating (S14 of 33045)	7160001	1.000	LSUM
4580	Field Repr of Damaged Coating (S16 of 33045)	7160001	1.000	LSUM
4585	_ Modular Block Wall	8007010	2,868.000	Sft
4590	_ Monitoring Structure (R03 of 33045)	8007051	1.000	LSUM
4595	_ Monitoring Structure (R04 of 33045)	8007051	1.000	LSUM
4600	_ Monitoring Structure (R05 of 33045)	8007051	1.000	LSUM
4605	_ Monitoring Structure (R06 of 33045)	8007051	1.000	LSUM
4610	_ Monitoring Structure (S09-3 of 33045)	8007051	1.000	LSUM
4615	_ Monitoring Structure (S09-4 of 33045)	8007051	1.000	LSUM
4620	_ Monitoring Structure (S10-3 of 33045)	8007051	1.000	LSUM
4625	_ Monitoring Structure (S10-4 of 33045)	8007051	1.000	LSUM
4630	_ Monitoring Structure (S14 of 33045)	8007051	1.000	LSUM
4635	Fence, Structure	8080110	20,931.000	Sft
4640	Slope Paving Header	8130015	912.000	Ft
4645	Slope Paving, Conc	8130020	1,537.000	Syd
4650	Conduit, Fiberglass, 3 inch, Structure	8182069	2,199.000	Ft
4655	Structure Survey During Construction (B02 of 33045)	8240020	1.000	LSUM
4660	Structure Survey During Construction (R03 of 33045)	8240020	1.000	LSUM
4665	Structure Survey During Construction (R04 of 33045)	8240020	1.000	LSUM
4670	Structure Survey During Construction (R05 of 33045)	8240020	1.000	LSUM

4675	Structure Survey During Construction (R06 of 33045)	8240020	1.000	LSUM
4680	Structure Survey During Construction (R14 of 33045)	8240020	1.000	LSUM
4685	Structure Survey During Construction (S05 of 33045)	8240020	1.000	LSUM
4690	Structure Survey During Construction (S06 of 33045)	8240020	1.000	LSUM
4695	Structure Survey During Construction (S09-3 of 33045)	8240020	1.000	LSUM
4700	Structure Survey During Construction (S09-4 of 33045)	8240020	1.000	LSUM
4705	Structure Survey During Construction (S10-3 of 33045)	8240020	1.000	LSUM
4710	Structure Survey During Construction (S10-4 of 33045)	8240020	1.000	LSUM
4715	Structure Survey During Construction (S14 of 33045)	8240020	1.000	LSUM
4720	Structure Survey During Construction (S16 of 33045)	8240020	1.000	LSUM
4725	_ Railroad Track Monitoring, CSX (R03 of 33045)	8247051	1.000	LSUM
4730	_ Railroad Track Monitoring, CSX (R04 of 33045)	8247051	1.000	LSUM
4735	_ Railroad Track Monitoring, CSX (R07 of 33045)	8247051	1.000	LSUM
4740	_ Railroad Track Monitoring, CSX (R14 of 33045)	8247051	1.000	LSUM
4745	_ Railroad Track Monitoring, GTW (R05 of 33045)	8247051	1.000	LSUM
4750	_ Railroad Track Monitoring, GTW (R06 of 33045)	8247051	1.000	LSUM
4755	_ Railroad Track Monitoring, GTW (R14 of 33045)	8247051	1.000	LSUM

Section: 5

4760	_ Calendar Days of Contract Time for Opening to Traffic, Northbound US-127	1027060	47,500.000	Dlr
4765	_ Calendar Days of Contract Time for Opening to Traffic, Southbound US-127	1027060	47,500.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 230804 002**Letting Date:** August 4, 2023**Contract ID:** 16093-211423

Description: Deck replacement, superstructure replacement and approach work on I-75 under Webb Road and over Trowbridge Road, North Central State Trail and over Indian River, Cheboygan County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211423A	23A0675	N/A	HIPI 16093
218864A	N/A	N/A	M 16091

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	7,100.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$766,700.00	1100001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0025	Curb and Gutter, Rem	2040020	400.000	Ft
0030	Guardrail, Rem	2040035	3,130.000	Ft
0035	Pavt, Rem	2040050	2,628.000	Syd
0040	Exploratory Investigation, Vertical	2040080	5.000	Ft
0045	Embankment, CIP	2050010	8,772.000	Cyd
0050	Excavation, Earth	2050016	5,192.000	Cyd
0055	Erosion Control, Check Dam, Stone	2080012	14.000	Ft
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0065	Erosion Control, Maintenance, Sediment Rem	2080026	13.000	Cyd
0070	Erosion Control, Sediment Trap	2080034	2.000	Ea
0075	Erosion Control, Silt Fence	2080036	3,980.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0085	Subbase, CIP	3010002	3,633.000	Cyd
0090	Aggregate Base, 6 inch	3020016	4,623.000	Syd
0095	Aggregate Base, 8 inch	3020020	2,281.000	Syd
0100	Aggregate Base, Conditioning	3020050	1,485.000	Syd
0105	Maintenance Gravel	3060020	40.000	Ton
0110	Shld, CI II	3070121	428.000	Ton
0115	Shld, CI II, 3 inch	3070125	524.000	Syd
0120	Shld, CI II, 6 inch	3070128	885.000	Syd
0125	Dr Structure Cover, Adj, Case 1	4030005	10.000	Ea
0130	Dr Structure Cover, Type D	4030025	10.000	Ea

0135	Video Inspection of Underdrain	4040200	426.000	Ft
0140	Pavt, Cleaning	5010001	1.000	LSUM
0145	Bump Grinding	5010004	300.000	Syd
0150	HMA Surface, Rem	5010005	10,741.000	Syd
0155	HMA Quality Initiative	5010007	3,322.000	Dlr
0160	Hand Patching	5010025	40.000	Ton
0165	HMA, 3EL	5012012	386.000	Ton
0170	HMA, 3EMH	5012014	588.000	Ton
0175	HMA, 4EMH	5012026	392.000	Ton
0180	HMA, 5EMH	5012038	295.000	Ton
0185	Conc Pavt, Nonreinf, 8 inch	6020104	86.000	Syd
0190	Conc Pavt, Nonreinf, 9 inch	6020106	908.000	Syd
0195	Joint, Contraction, Cp	6020200	504.000	Ft
0200	Joint, Expansion, E2	6020207	168.000	Ft
0205	Joint, Expansion, E3	6020208	345.000	Ft
0210	Conc Pavt, Bridge Approach, Reinf	6020600	1,488.000	Syd
0215	Lane Tie, Epoxy Anchored	6030030	86.000	Ea
0220	Curb and Gutter, Bridge Approach, Det 5	8022016	286.000	Ft
0225	Curb and Gutter, Bridge Approach, Det 6	8022017	564.000	Ft
0230	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0235	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0240	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0245	Guardrail Departing Terminal, Type MGS, Temp	8070053	1.000	Ea
0250	Guardrail, Salv	8070075	400.000	Ft
0255	Guardrail Reflector	8070080	122.000	Ea
0260	Guardrail, Reconst, Type T	8070109	148.000	Ft
0265	Guardrail Anch, Bridge, Det M1	8070130	5.000	Ea
0270	Guardrail Anch, Bridge, Det M2	8070131	3.000	Ea
0275	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0280	Guardrail Anch, Bridge, Det M7	8070136	4.000	Ea
0285	Guardrail, Temp, Type MGS-8, 108 inch Post	8072005	375.000	Ft
0290	Guardrail, Reconst, Type MGS-8	8072078	400.000	Ft
0295	Guardrail, Type T, 96 inch Post	8072176	513.000	Ft
0300	Guardrail, Type MGS-8, 72 inch Post	8072179	376.000	Ft
0305	Guardrail, Type MGS-8, 108 inch Post	8072180	1,300.000	Ft
0310	_ Guardrail Anch, Bridge, Det M5, Modified	8077050	4.000	Ea
0315	Fence, Protective	8080007	50.000	Ft
0320	Delineator Reflector, Yellow	8100132	5.000	Ea
0325	Delineator Reflector, Green	8100133	13.000	Ea
0330	Post, Flexible, Delineator	8100360	13.000	Ea
0335	Post, Rigid, Delineator	8100361	5.000	Ea
0340	Post, Steel, 3 pound	8100371	240.000	Ft
0345	Post, Wood, 4 inch by 6 inch	8100380	28.000	Ft
0350	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0355	Sign, Type IV, Erect, Salv	8100408	8.000	Ea

0360	Sign, Type VB	8100425	12.000	Sft
0365	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0370	Sign, Type III, Rem, Salv	8102003	12.000	Ea
0375	Ground Mtd Sign Support, Rem	8102010	16.000	Ea
0380	_Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	2,120.000	Ft
0385	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0390	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0395	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	62.000	Ft
0400	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,950.000	Ft
0405	Pavt Mrkg, Waterborne, 6 inch, White	8110233	12,513.000	Ft
0410	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	12,129.000	Ft
0415	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,950.000	Ft
0420	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	12,513.000	Ft
0425	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	12,129.000	Ft
0430	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,260.000	Ft
0435	Rem Spec Mrkg	8110343	200.000	Sft
0440	Recessing Pavt Mrkg, Longit	8110450	24,173.000	Ft
0445	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	2,884.000	Ft
0450	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	2,884.000	Ft
0455	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	140.000	Ea
0460	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	140.000	Ea
0465	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0470	Pedestrian Type II Channelizer, Temp	8120027	510.000	Ft
0475	Conc Barrier Ending, Temp, Det 2, Adj	8120040	6.000	Ea
0480	Conc Barrier Ending, Temp, Det 2, Furn	8120041	7.000	Ea
0485	Conc Barrier Ending, Temp, Det 2, Oper	8120042	7.000	Ea
0490	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0495	Conc Barrier Ending, Temp, Det 4, Furn	8120051	2.000	Ea
0500	Conc Barrier Ending, Temp, Det 4, Oper	8120052	2.000	Ea
0505	Conc Barrier, Temp, Adj	8120080	5,224.000	Ft
0510	Conc Barrier, Temp, Furn	8120081	3,349.000	Ft
0515	Conc Barrier, Temp, Oper	8120082	3,349.000	Ft
0520	Conc Barrier, Temp, Relocated	8120083	1,964.000	Ft
0525	Delineator, Flexible, Temp, Furn	8120091	74.000	Ea
0530	Delineator, Flexible, Temp, Oper	8120092	74.000	Ea
0535	Glare Screen, Temp	8120094	1,400.000	Ft
0540	Glare Screen, Temp, Relocated	8120095	1,235.000	Ft
0545	Glare Screen, Temp, Complete Sect, Replaced	8120096	2.000	Ea
0550	Tubular Marker	8120097	100.000	Ea
0555	Tubular Marker, Replacement	8120098	25.000	Ea
0560	High Intensity Light, Type B, Furn	8120110	7.000	Ea
0565	High Intensity Light, Type B, Oper	8120111	7.000	Ea

0570	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0575	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0580	Ltg for Night Work	8120160	1.000	LSUM
0585	Minor Traf Devices	8120170	1.000	LSUM
0590	Mobile Attenuator	8120180	3.000	Ea
0595	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	31,526.000	Ft
0600	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,190.000	Ft
0605	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,673.000	Ft
0610	Plastic Drum, Fluorescent, Furn	8120252	568.000	Ea
0615	Plastic Drum, Fluorescent, Oper	8120253	568.000	Ea
0620	Pavt Mrkg, Wet Reflective, Type R, Tape, Thru Arrow	8120259	2.000	Ea
0625	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	216.000	Ft
0630	PTS System, Temp, Furn	8120270	1.000	Ea
0635	PTS System, Temp, Oper	8120271	1.000	Ea
0640	Sign Cover	8120310	110.000	Ea
0645	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0655	Sign, Type A, Temp, Prismatic, Furn	8120340	440.000	Sft
0660	Sign, Type A, Temp, Prismatic, Oper	8120341	440.000	Sft
0665	Sign, Type B, Temp, Prismatic, Furn	8120350	3,540.000	Sft
0670	Sign, Type B, Temp, Prismatic, Oper	8120351	3,540.000	Sft
0675	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	477.000	Sft
0680	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	477.000	Sft
0685	Traf Regulator Control	8120370	1.000	LSUM
0690	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	26,620.000	Ft
0695	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	27,170.000	Ft
0700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	21,340.000	Ft
0705	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	21,670.000	Ft
0710	Speed Radar Trailer, Temp	8122028	4.000	Ea
0715	Temp Rumble Strips (Orange), Stop Condition	8122186	1,100.000	Ft
0720	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	450.000	Ft
0725	Reflective Panel for Temp Sign Support, Furn	8122198	16.000	Ea
0730	Reflective Panel for Temp Sign Support, Oper	8122199	16.000	Ea
0735	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
0740	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
0745	Riprap, Plain	8130010	127.000	Syd
0750	Slope Restoration, Freeway, Type A	8162013	125.000	Syd
0755	Slope Restoration, Freeway, Type E	8162017	125.000	Syd

0760	Slope Restoration, Freeway, Type F	8162018	21,389.000	Syd
0765	Hh, Adj	8182328	1.000	Ea
0770	Contractor Staking	8240001	1.000	LSUM
0775	Staking Plan Errors and Extras, Max \$180/hour	8240002	70.000	Hr

Section: 2

0780	Backfill, Structure, CIP	2060002	709.000	Cyd
0785	Excavation, Fdn	2060010	764.000	Cyd
0790	Dr Marker Post	4011109	8.000	Ea
0795	Underdrain, Fdn, 4 inch	4040031	426.000	Ft
0800	Underdrain Outlet, 4 inch	4040091	360.000	Ft
0805	Underdrain, Outlet Ending, 4 inch	4040111	16.000	Ea
0810	Bridge Ltg, Furn and Rem (R01 of 16093)	7060001	1.000	LSUM
0815	Bridge Ltg, Furn and Rem (R02 of 16093)	7060001	1.000	LSUM
0820	Bridge Ltg, Furn and Rem (S01 of 16093)	7060001	1.000	LSUM
0825	Bridge Ltg, Furn and Rem (S02 of 16093)	7060001	1.000	LSUM
0830	Bridge Ltg, Oper and Maintain	7060002	878.000	Cyd
0835	Expansion Joint Device	7060050	482.000	Ft
0840	False Decking	7060060	36,838.000	Sft
0845	Reinforcement, Steel, Epoxy Coated	7060092	232,600.000	Lb
0850	Substructure Conc	7060100	142.000	Cyd
0855	Superstructure Conc	7060110	28.000	Cyd
0860	Superstructure Conc, Form, Finish, and Cure (S01 of 16093)	7060111	1.000	LSUM
0865	Superstructure Conc, Form, Finish, and Cure (S02 of 16093)	7060111	1.000	LSUM
0870	Superstructure Conc, Form, Finish, and Cure, Night Casting (R01 of 16093)	7060112	1.000	LSUM
0875	Superstructure Conc, Form, Finish, and Cure, Night Casting (R02 of 16093)	7060112	1.000	LSUM
0880	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 16093)	7060112	1.000	LSUM
0885	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 16093)	7060112	1.000	LSUM
0890	Superstructure Conc, Night Casting	7060113	878.000	Cyd
0895	Sealing Localized Cracks (R01 of 16093)	7060220	1.000	LSUM
0900	Sealing Localized Cracks (R02 of 16093)	7060220	1.000	LSUM
0905	Sealing Localized Cracks (S01 of 16093)	7060220	1.000	LSUM
0910	Sealing Localized Cracks (S02 of 16093)	7060220	1.000	LSUM
0915	Bearing, Elastomeric, 2 3/4 inch	7070019	10,260.000	Sin
0920	Shear Developers (R01 of 16093)	7070040	1.000	LSUM
0925	Shear Developers (R02 of 16093)	7070040	1.000	LSUM
0930	Prest Conc I Beam, Furn, 45 inch	7080029	1,688.000	Ft
0935	Prest Conc I Beam, Erect, 45 inch	7080030	1,688.000	Ft
0940	Joint Waterproofing	7100001	1,606.000	Sft
0945	Conc Surface Coating, Warranty (S01 of 16093)	7100009	1.000	LSUM
0950	Conc Surface Coating, Warranty (S02 of 16093)	7100009	1.000	LSUM

0955	Substructure Horizontal Surface Sealer (R01 of 16093)	7100030	44.000	Syd
0960	Substructure Horizontal Surface Sealer (R02 of 16093)	7100030	44.000	Syd
0965	Substructure Horizontal Surface Sealer (S01 of 16093)	7100030	23.000	Syd
0970	Substructure Horizontal Surface Sealer (S02 of 16093)	7100030	23.000	Syd
0975	_ Silane Treatment	7107010	8,750.000	Sft
0980	Reflective Marker, Permanent Barrier	7110003	24.000	Ea
0985	Bridge Barrier Railing, Aesthetic, Type 6, Det 2	7112038	1,690.000	Ft
0990	Hand Chipping, Other Than Deck	7120007	577.000	Cft
0995	Patch, Forming	7120017	2,093.000	Sft
1000	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	284.000	Ea
1005	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	12.000	Ea
1010	Structures, Rehabilitation, Rem Portions (R01 of 16093)	7120070	1.000	LSUM
1015	Structures, Rehabilitation, Rem Portions (R02 of 16093)	7120070	1.000	LSUM
1020	Structures, Rehabilitation, Rem Portions (S01 of 16093)	7120070	1.000	LSUM
1025	Structures, Rehabilitation, Rem Portions (S02 of 16093)	7120070	1.000	LSUM
1030	Top Flanges and Beam Ends, Clean and Coat	7120100	416.000	Syd
1035	Patching Conc, C-L	7120112	26.000	Cyd
1040	Embedded Galvanic Anode	7120120	608.000	Ea
1045	Beam Plate, Seal Perimeter	7130010	262.000	Ft
1050	Cutting Beam Ends, Simple Span	7130020	8.000	Ea
1055	Stiffeners, Furn, Fab, and Erect	7130060	150.000	Lb
1060	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	532.000	Lb
1065	Support, Column, Temp	7130080	1.000	Ea
1070	Steel Structure, Cleaning, Partial, Type 4 (R01 of 16093)	7150047	1.000	LSUM
1075	Steel Structure, Cleaning, Partial, Type 4 (R02 of 16093)	7150047	1.000	LSUM
1080	Steel Structure, Coating, Partial, Type 4 (R01 of 16093)	7150048	1.000	LSUM
1085	Steel Structure, Coating, Partial, Type 4 (R02 of 16093)	7150048	1.000	LSUM
1090	Field Repr of Damaged Coating (R01 of 16093)	7160001	1.000	LSUM
1095	Field Repr of Damaged Coating (R02 of 16093)	7160001	1.000	LSUM
1100	_ Downspout, Modified	7177050	6.000	Ea
1105	_ Drain Casting Assembly, Modified	7177050	24.000	Ea
1110	Slope Paving Header	8130015	642.000	Ft
1115	Slope Paving, Conc	8130020	1,040.000	Syd
1120	Structure Survey During Construction (R01 of 16093)	8240020	1.000	LSUM
1125	Structure Survey During Construction (R02 of 16093)	8240020	1.000	LSUM
1130	Structure Survey During Construction (S01 of 16093)	8240020	1.000	LSUM
1135	Structure Survey During Construction (S02 of 16093)	8240020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230804 003**Letting Date:** August 4, 2023**Contract ID:** 58033-205508

Description: Bridge rehabilitation and replacement including epoxy overlay, shallow overlay, joint replacement, partial and full depth deck patching, partial painting, repair, railing and sidewalk replacement, structural steel repairs, bearing replacement, pin and hanger replacement, joint repair, crack injection, silane treatment, substructure painting, concrete surface coating, approach repair, bridge replacement and approach reconstruction along US-23 in the city of Milan, Washtenaw and Monroe County. This project includes a 5 year HMA material and workmanship pavement warranty, a 5 year material and workmanship warranty on concrete pavement, a 5 year performance thin epoxy polymer bridge deck warranty and a 2 year warranty on concrete surface coating.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205508A	23A0676	N/A	BFP 58033
208856A	23A0677	N/A	BO 81076

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Critical Path Method Schedule	1080005	15,000.000	Dlr
0010	Mobilization, Max \$1,363,900.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.820	Acre
0020	Clearing, Fence	2010002	300.000	Sta
0025	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0035	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0040	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0045	Dr Structure, Rem	2030011	6.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	654.000	Ft
0055	Sewer, Rem, 24 inch to 48 inch	2030016	12.000	Ft
0060	Curb and Gutter, Rem	2040020	450.000	Ft
0065	Fence, Rem	2040025	220.000	Ft
0070	Guardrail, Rem	2040035	3,271.000	Ft
0075	Pavt, Rem	2040050	3,195.000	Syd
0080	Sidewalk, Rem	2040055	73.000	Syd
0085	Backfill, Swamp	2050001	5,000.000	Cyd
0090	Embankment, CIP	2050010	40,375.000	Cyd
0095	Excavation, Earth	2050016	34,824.000	Cyd
0100	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	286.000	Ft
0110	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0115	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea

0120	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0125	Erosion Control, Maintenance, Sediment Rem	2080026	75.000	Cyd
0130	Erosion Control, Sand Fence	2080030	1,000.000	Ft
0135	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0140	Erosion Control, Sediment Trap	2080034	23.000	Ea
0145	Erosion Control, Silt Fence	2080036	5,229.000	Ft
0150	_ Stormwater Treatment, Check Dam, Stone	2087050	1.000	Ea
0155	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	11,214.000	Cyd
0165	Aggregate Base, 6 inch	3020016	20,661.000	Syd
0170	Maintenance Gravel, LM	3060021	50.000	Cyd
0175	Shld, CI II, 6 inch	3070128	2,799.000	Syd
0180	Culv End Sect, 12 inch	4010012	6.000	Ea
0185	Culv End Sect, 18 inch	4010018	1.000	Ea
0190	Culv End Sect, 24 inch	4010024	4.000	Ea
0195	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0200	Culv End Sect, Footing	4010072	7.000	Ea
0205	Culv, CI A, 12 inch	4010131	164.000	Ft
0210	Culv, CI A, 24 inch	4010134	116.000	Ft
0215	Culv, CI B, 24 inch	4010236	168.000	Ft
0220	Culv, CI D, 36 inch	4010442	364.000	Ft
0225	Dr Marker Post	4011109	11.000	Ea
0230	Sewer, CI A, 12 inch, Tr Det B	4020033	340.000	Ft
0235	Sewer, CI A, 18 inch, Tr Det B	4020035	112.000	Ft
0240	Sewer, CI A, 36 inch, Tr Det B	4020038	28.000	Ft
0245	Dr Structure Cover, Type B	4030010	3.000	Ea
0250	Dr Structure Cover, Type D	4030025	4.000	Ea
0255	Dr Structure Cover, Type G	4030040	1.000	Ea
0260	Dr Structure Cover, Type K	4030050	2.000	Ea
0265	Dr Structure, 48 inch dia	4030210	8.000	Ea
0270	Dr Structure, 60 inch dia	4030220	2.000	Ea
0275	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	14.000	Ft
0280	Underdrain, Bank, 6 inch	4040003	500.000	Ft
0285	Underdrain, Subbase, 6 inch	4040063	6,541.000	Ft
0290	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0295	Underdrain Outlet, 6 inch	4040093	1,450.000	Ft
0300	Underdrain, Outlet Ending, 6 inch	4040113	30.000	Ea
0305	Pavt, Cleaning	5010001	1.000	LSUM
0310	Cold Milling HMA Surface	5010002	623.000	Syd
0315	Bump Grinding	5010004	100.000	Syd
0320	HMA Surface, Rem	5010005	14,332.000	Syd
0325	HMA Quality Initiative	5010007	12,152.000	Dlr
0330	Longit Joint Density Quality Initiative	5010018	20,676.000	Dlr
0335	HMA Approach	5010061	2,237.000	Ton

0340	HMA Approach, High Stress	5010520	2,981.000	Ton
0345	HMA, 3EL	5012012	468.000	Ton
0350	HMA, 4EL	5012024	390.000	Ton
0355	HMA, Temp Pavt (5EML)	5012105	52.000	Ton
0360	Joint, Contraction, Cp	6020200	1,450.000	Ft
0365	Joint, Expansion, E2	6020207	218.000	Ft
0370	Joint, Expansion, E3	6020208	169.000	Ft
0375	Joint, Expansion, E4	6020209	32.000	Ft
0380	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	570.000	Syd
0385	Shld, Nonreinf Conc, High Performance	6020524	34.000	Syd
0390	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	412.000	Syd
0395	_ Conc Pavt, Misc, Nonreinf, 7 inch, High Performance	6027011	1,540.000	Syd
0400	Reinforcement, Steel, Culv and Headwall	7060091	304.000	Lb
0405	Conc, Grade 3500	7062001	10.000	Cyd
0410	Driveway, Nonreinf Conc, 6 inch	8010005	67.000	Syd
0415	Curb and Gutter, Conc, Det B1	8020015	440.000	Ft
0420	Curb and Gutter, Conc, Det F5	8020039	285.000	Ft
0425	Shld Gutter, Conc, Det 1	8020055	1.000	Ea
0430	Shld Gutter, Conc, Det 2	8020056	3.000	Ea
0435	Spillway, Conc	8020075	136.000	Ft
0440	Divider, Conc, Type I	8022000	1,164.000	Sft
0445	Curb and Gutter, Bridge Approach, Det 5	8022016	184.000	Ft
0450	Sidewalk, Conc, 4 inch	8030044	359.000	Sft
0455	Sidewalk, Conc, 6 inch	8030046	154.000	Sft
0460	Sidewalk, Conc, 8 inch	8030048	205.000	Sft
0465	Conc Barrier Backfill, CIP	8040030	3.000	Cyd
0470	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	24.000	Ft
0475	_ Conc Barrier, Split, Type A, Spec	8047001	22.000	Ft
0480	Guardrail Anch, Median	8070035	2.000	Ea
0485	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
0490	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0495	Guardrail Departing Terminal, Type T	8070051	2.000	Ea
0500	Guardrail Reflector	8070080	37.000	Ea
0505	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0510	Guardrail, Type MGS-8, 72 inch Post	8072179	964.000	Ft
0515	Guardrail, Type MGS-8D, 72 inch Post	8072181	482.000	Ft
0520	Guardrail, Temp, Type T, 84 inch Post	8072195	126.000	Ft
0525	Fence, Woven Wire with Steel Post	8080002	1,405.000	Ft
0530	Bridge Sign Connection, Steel, Type A1	8100060	4.000	Ea
0535	Bridge Sign Connection, Steel, Type H	8100067	1.000	Ea
0540	Bridge Sign Connection, Type A, Rem	8100080	6.000	Ea
0545	Cantilever, Type E	8100104	2.000	Ea
0550	Delineator Reflector, Red	8100131	16.000	Ea
0555	Delineator Reflector, White	8100134	14.000	Ea

0560	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	2.000	Ea
0565	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
0570	Fdn, Cantilever Sign Structure Type E, 48 inch dia, Cased	8100170	53.000	Ft
0575	Fdn, Wood Support, Rem	8100280	8.000	Ea
0580	Delineator, Rem	8100349	32.000	Ea
0585	Post, Rigid, Delineator	8100361	32.000	Ea
0590	Post, Steel, 3 pound	8100371	1,215.000	Ft
0595	Post, Wood, 4 inch by 6 inch	8100380	216.000	Ft
0600	Post, Wood, 6 inch by 8 inch	8100382	288.000	Ft
0605	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0610	Sign, Type I, Rem	8100391	13.000	Ea
0615	Sign, Type IA	8100392	450.000	Sft
0620	Sign, Type II, Rem	8100397	24.000	Ea
0625	Sign, Type IIA	8100398	190.000	Sft
0630	Sign, Type IIB	8100399	72.000	Sft
0635	Sign, Type III, Rem	8100403	32.000	Ea
0640	Sign, Type IIIA	8100404	120.000	Sft
0645	Sign, Type IIIB	8100405	74.000	Sft
0650	Sign, Type VB	8100425	40.000	Sft
0655	Reflective Panel for Permanent Sign Support, 3 foot	8100613	48.000	Ea
0660	Reflective Panel for Permanent Sign Support, 6 foot	8100616	48.000	Ea
0665	_ Enhanced Delineation, Bidirectional, Guardrail, Channel Mtd	8107001	248.000	Ft
0670	_ Enhanced Delineation, Unidirectional, Guardrail, Channel Mtd	8107001	960.000	Ft
0675	_ Bridge Sign Connection, Type H, Rem	8107050	3.000	Ea
0680	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	2.000	Ea
0685	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	300.000	Ft
0690	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	99.000	Ft
0695	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	710.000	Ft
0700	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,132.000	Ft
0705	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	6,466.000	Ft
0710	Pavt Mrkg, Waterborne, 12 inch, White	8110237	48.000	Ft
0715	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	710.000	Ft
0720	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,132.000	Ft
0725	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	6,466.000	Ft
0730	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	48.000	Ft
0735	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0740	Pavt Mrkg, Polyurea, Railroad Sym	8110411	1.000	Ea
0745	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0750	Recessing Pavt Mrkg, Longit	8110450	9,069.000	Ft
0755	Recessing Pavt Mrkg, Transv	8110451	246.000	Sft
0760	Recessing Pavt Mrkg, Guide Line	8110453	54.000	Ft
0765	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning	8110563	54.000	Ft

	Guide Line, Yellow			
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	26.000	Ea
0775	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	26.000	Ea
0780	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0785	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0790	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0795	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
0800	Conc Barrier Ending, Temp, Det 4, Furn	8120051	10.000	Ea
0805	Conc Barrier Ending, Temp, Det 4, Oper	8120052	10.000	Ea
0810	Conc Barrier, Temp, Furn	8120081	2,888.000	Ft
0815	Conc Barrier, Temp, Oper	8120082	2,888.000	Ft
0820	Conc Barrier, Temp, Relocated	8120083	1,140.000	Ft
0825	High Intensity Light, Type B, Furn	8120110	8.000	Ea
0830	High Intensity Light, Type B, Oper	8120111	8.000	Ea
0835	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0840	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0845	Ltg for Night Work	8120160	1.000	LSUM
0850	Minor Traf Devices	8120170	1.000	LSUM
0855	Mobile Attenuator	8120180	2.000	Ea
0860	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,024.000	Ft
0865	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	650.000	Ft
0870	Plastic Drum, Fluorescent, Furn	8120252	268.000	Ea
0875	Plastic Drum, Fluorescent, Oper	8120253	268.000	Ea
0880	Sign Cover	8120310	20.000	Ea
0885	Sign Cover, Type I	8120320	6.000	Ea
0890	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0895	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0900	Sign, Type A, Temp, Prismatic, Furn	8120340	24.000	Sft
0905	Sign, Type A, Temp, Prismatic, Oper	8120341	24.000	Sft
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	886.000	Sft
0915	Sign, Type B, Temp, Prismatic, Oper	8120351	886.000	Sft
0920	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	695.000	Sft
0925	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	695.000	Sft
0930	Traf Regulator Control	8120370	1.000	LSUM
0935	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,960.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,480.000	Ft
0945	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	3,400.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	3,700.000	Ft
0955	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	900.000	Ft
0960	Speed Radar Trailer, Temp	8122028	2.000	Ea

0965	Riprap, Plain	8130010	100.000	Syd
0970	Slope Restoration, Non-Freeway, Type A	8162001	13,598.000	Syd
0975	Slope Restoration, Non-Freeway, Type B	8162002	10,701.000	Syd
0980	Slope Restoration, Non-Freeway, Type C	8162003	4,776.000	Syd
0985	Slope Restoration, Freeway, Type C	8162015	1,500.000	Syd
0990	Contractor Staking	8240001	1.000	LSUM
0995	Staking Plan Errors and Extras, Max \$180/hour	8240002	126.000	Hr

Section: 2

1000	Structures, Rem Portions (S04 of 58033)	2040061	1.000	LSUM
1005	Structure Demolition Plan, Complex (S04 of 58033)	2040064	1.000	LSUM
1010	Embankment, Structure, CIP	2050012	2,470.000	Cyd
1015	Backfill, Structure, CIP	2060002	5,015.000	Cyd
1020	Aggregate	2060005	544.000	Cyd
1025	Excavation, Fdn	2060010	5,838.000	Cyd
1030	Aggregate Base, LM	3020002	163.000	Cyd
1035	Geotextile, Separator, Non-Woven	3082000	1,362.000	Syd
1040	Underdrain, Fdn, 4 inch	4040031	520.000	Ft
1045	Underdrain Outlet, 4 inch	4040091	480.000	Ft
1050	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1055	HMA Patch, Rem	5010006	1.000	Syd
1060	_ Bridge Approach Stabilization with High Density Polyurethane	6037030	630.000	Lb
1065	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	5,919.000	Sft
1070	Bridge Ltg, Furn and Rem (S04 of 58033)	7060001	1.000	LSUM
1075	Bridge Ltg, Furn and Rem (S05 of 58033)	7060001	1.000	LSUM
1080	Bridge Ltg, Oper and Maintain	7060002	481.000	Cyd
1085	Expansion Joint Device	7060050	381.000	Ft
1090	Expansion Joint Device, Cover Plate	7060051	10.000	Ft
1095	False Decking	7060060	40,005.000	Sft
1100	Reinforcement, Steel, Epoxy Coated	7060092	285,481.000	Lb
1105	Substructure Conc, High Performance	7060101	1,500.000	Cyd
1110	Superstructure Conc, Form, Finish, and Cure (S04 of 58033)	7060111	1.000	LSUM
1115	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 58033)	7060112	1.000	LSUM
1120	Superstructure Conc, Form, Finish, and Cure, Night Casting (S05 of 58033)	7060112	1.000	LSUM
1125	Superstructure Conc, High Performance	7060116	69.000	Cyd
1130	Superstructure Conc, Night Casting, High Performance	7060117	458.000	Cyd
1135	Sealing Localized Cracks (S01 of 81076)	7060220	1.000	LSUM
1140	Sealing Localized Cracks (S04 of 58033)	7060220	1.000	LSUM
1145	Sealing Localized Cracks (S05 of 58033)	7060220	1.000	LSUM
1150	Conc, Grade 4500HP	7062004	54.000	Cyd
1155	Aesthetic Texturing	7062005	1,258.000	Syd
1160	Bearing, Elastomeric, 1 3/4 inch	7070015	3,552.000	Sin

1165	Bearing, Elastomeric, 2 1/4 inch	7070017	4,144.000	Sin
1170	Bushing	7070030	56.000	Ea
1175	Structural Steel, Mixed, Erect	7070050	3,923.000	Lb
1180	Structural Steel, Mixed, Furn and Fab	7070051	6,237.000	Lb
1185	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	4,401.000	Lb
1190	Steel Diaphragm, Prest Conc Beam, Erect	7070054	4,401.000	Lb
1195	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	1,727.000	Ft
1200	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	1,727.000	Ft
1205	Joint Waterproofing	7100001	534.000	Sft
1210	Joint Waterproofing, Expansion	7100003	246.000	Sft
1215	Conc Surface Coating, Warranty (B05-1 of 58033)	7100009	1.000	LSUM
1220	Conc Surface Coating, Warranty (B05-2 of 58033)	7100009	1.000	LSUM
1225	Conc Surface Coating, Warranty (S01 of 81076)	7100009	1.000	LSUM
1230	Conc Surface Coating, Warranty (S02 of 81076)	7100009	1.000	LSUM
1235	Conc Surface Coating, Warranty (S04 of 58033)	7100009	1.000	LSUM
1240	Conc Surface Coating, Warranty (S05 of 58033)	7100009	1.000	LSUM
1245	Substructure Horizontal Surface Sealer (B05-1 of 58033)	7100030	33.000	Syd
1250	Substructure Horizontal Surface Sealer (B05-2 of 58033)	7100030	33.000	Syd
1255	Substructure Horizontal Surface Sealer (S01 of 81076)	7100030	80.000	Syd
1260	Substructure Horizontal Surface Sealer (S02 of 81076)	7100030	25.000	Syd
1265	Substructure Horizontal Surface Sealer (S04 of 58033)	7100030	24.000	Syd
1270	Substructure Horizontal Surface Sealer (S05 of 58033)	7100030	28.000	Syd
1275	_ Silane Treatment	7107010	13,066.000	Sft
1280	Reflective Marker, Permanent Barrier	7110003	18.000	Ea
1285	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	183.000	Ft
1290	Bridge Railing, Aesthetic Parapet Tube, Det 2, High Performance	7110071	440.000	Ft
1295	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	59.000	Ft
1300	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, Replacement, High Performance	7112098	133.000	Ft
1305	Scarifying	7120001	429.000	Syd
1310	Hand Chipping, Deep	7120004	179.000	Syd
1315	Hand Chipping, Other Than Deck	7120007	2,131.000	Cft
1320	Patch, Full Depth	7120010	5.000	Cyd
1325	Patch, Forming	7120017	8,224.000	Sft
1330	Epoxy Ovly	7120020	2,394.000	Syd
1335	Epoxy Ovly, Warranty	7120022	1,120.000	Syd
1340	Conc, Bridge Deck Ovly	7120023	44.000	Cyd
1345	Bridge Deck Surface Construction	7120025	429.000	Syd
1350	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	410.000	Ea
1355	Structures, Rehabilitation, Rem Portions (B05-1 of 58033)	7120070	1.000	LSUM
1360	Structures, Rehabilitation, Rem Portions (B05-2 of 58033)	7120070	1.000	LSUM

1365	Structures, Rehabilitation, Rem Portions (S05 of 58033)	7120070	1.000	LSUM
1370	Deck Joint, Rem	7120071	281.000	Ft
1375	Hydrodemolition, First Pass	7120076	429.000	Syd
1380	Hydrodemolition, 2nd Pass	7120077	18.000	Syd
1385	Flushing Cracks, Water	7120098	456.000	Ft
1390	Structural Crack, Repr	7120099	456.000	Ft
1395	Patching Conc, C-L	7120112	105.000	Cyd
1400	Embedded Galvanic Anode	7120120	3,529.000	Ea
1405	Hand Chipping, Full Depth	7122000	120.000	Cft
1410	Bridge Joint, Strip Seal Gland Replacement	7122005	176.000	Ft
1415	_ Bridge Joints, Clean and Seal	7127001	510.000	Ft
1420	_ Deck, Scaling	7127010	803.000	Sft
1425	_ Rapid-Setting Polymer Conc, 2 inch to 4 inch	7127010	104.000	Sft
1430	Beam Plate, Seal Perimeter	7130010	1,206.000	Ft
1435	Hanger Assembly, Field Measurement	7130030	14.000	Ea
1440	Hanger Assembly, Rem and Erect	7130031	14.000	Ea
1445	Structural Steel, Furn and Fab, Pin and Hanger	7130070	2,450.000	Lb
1450	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,418.000	Lb
1455	Support, Column, Temp	7130080	21.000	Ea
1460	Support, Diaphragm, Temp	7130081	30.000	Ea
1465	Protective Shield, Utility Pipe	7150025	30.000	Ft
1470	Steel Structure, Cleaning, Partial, Type 4 (B05-1 of 58033)	7150047	1.000	LSUM
1475	Steel Structure, Cleaning, Partial, Type 4 (B05-2 of 58033)	7150047	1.000	LSUM
1480	Steel Structure, Cleaning, Partial, Type 4 (S01 of 81076)	7150047	1.000	LSUM
1485	Steel Structure, Cleaning, Partial, Type 4 (S05 of 58033)	7150047	1.000	LSUM
1490	Steel Structure, Coating, Partial, Type 4 (B05-1 of 58033)	7150048	1.000	LSUM
1495	Steel Structure, Coating, Partial, Type 4 (B05-2 of 58033)	7150048	1.000	LSUM
1500	Steel Structure, Coating, Partial, Type 4 (S01 of 81076)	7150048	1.000	LSUM
1505	Steel Structure, Coating, Partial, Type 4 (S05 of 58033)	7150048	1.000	LSUM
1510	Field Repr of Damaged Coating (B05-1 of 58033)	7160001	1.000	LSUM
1515	Field Repr of Damaged Coating (B05-2 of 58033)	7160001	1.000	LSUM
1520	Field Repr of Damaged Coating (S01 of 81076)	7160001	1.000	LSUM
1525	Field Repr of Damaged Coating (S05 of 58033)	7160001	1.000	LSUM
1530	Slope Paving Header	8130015	20.000	Ft
1535	Slope Paving, Conc	8130020	37.000	Syd
1540	Structure Survey During Construction (S04 of 58033)	8240020	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230804 004**Letting Date:** August 4, 2023**Contract ID:** 46062-212657

Description: Bridge rehabilitation including epoxy overlay, deck patching, expansion joint replacement, prestressed concrete beam end repairs, structural steel and substructure repairs and approach work on US-223 over Norfolk Southern Railroad and US-127 BR over Conrail (Abandoned) in the cities of Jackson and Adrian, Jackson and Lenawee Counties. This project includes a 2 year structural steel painting warranty and 5 year epoxy overlay warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212657A	N/A	N/A	M 46062
212678A	N/A	N/A	M 38071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	640.000	Dlr
0010	Mobilization, Max \$266,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.220	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	6.000	Ea
0025	Curb and Gutter, Rem	2040020	60.000	Ft
0030	Guardrail, Rem	2040035	160.000	Ft
0035	Pavt, Rem	2040050	550.000	Syd
0040	Exploratory Investigation, Vertical	2040080	40.000	Ft
0045	Embankment, CIP	2050010	40.000	Cyd
0050	Excavation, Earth	2050016	430.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	35.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0065	Erosion Control, Silt Fence	2080036	565.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	Aggregate Base, LM	3020002	30.000	Cyd
0080	Maintenance Gravel	3060020	760.000	Ton
0085	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0090	Dr Structure Cover, Type D	4030025	4.000	Ea
0095	Dr Structure, Cleaning	4030290	8.000	Ea
0100	Pavt, Cleaning	5010001	1.000	LSUM
0105	HMA Surface, Rem	5010005	310.000	Syd
0110	HMA Patch, Rem	5010006	1.000	Syd
0115	Hand Patching	5010025	10.000	Ton
0120	Joint, Expansion, E2	6020207	160.000	Ft

0125	Joint, Expansion, E3	6020208	100.000	Ft
0130	Joint, Pressure Relief	6020213	90.000	Ft
0135	Conc Pavt, Nonreinf, 11 inch, High Performance	6020506	255.000	Syd
0140	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	320.000	Syd
0145	Lane Tie, Epoxy Anchored	6030030	125.000	Ea
0150	Curb and Gutter, Bridge Approach, Det 1	8022010	150.000	Ft
0155	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea
0160	Guardrail Reflector	8070080	4.000	Ea
0165	Guardrail, Reconst, Type B	8070105	75.000	Ft
0170	Guardrail, Type B, 72 inch Post	8072171	50.000	Ft
0175	Fence, Protective	8080007	400.000	Ft
0180	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,560.000	Ft
0185	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	1,560.000	Ft
0190	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	200.000	Ft
0195	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
0200	Recessing Pavt Mrkg, Longit	8110450	1,580.000	Ft
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0215	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0220	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0225	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0230	Conc Barrier, Temp, Adj	8120080	525.000	Ft
0235	Conc Barrier, Temp, Furn	8120081	525.000	Ft
0240	Conc Barrier, Temp, Oper	8120082	525.000	Ft
0245	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0250	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Mobile Attenuator	8120180	1.000	Ea
0265	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,360.000	Ft
0270	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0275	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0285	Sign Cover	8120310	4.000	Ea
0290	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0295	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	590.000	Sft
0305	Sign, Type B, Temp, Prismatic, Oper	8120351	590.000	Sft
0310	TS, Temp, Furn	8120400	1.000	Ea
0315	TS, Temp, Oper	8120401	1.000	Ea
0320	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,240.000	Ft
0325	Speed Radar Trailer, Temp	8122028	4.000	Ea

0330	_ Turf Establishment, Performance	8167011	130.000	Syd
0335	Global Positioning System Module	8200050	1.000	Ea
0340	Global Positioning System Module, Rem	8200053	1.000	Ea
0345	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, Max \$180/hour	8240002	19.000	Hr

Section: 2

0355	_ Railroad Inspection and Flagging, Norfolk Southern	1027060	150,000.000	Dlr
0360	_ Railroad Protection, Norfolk Southern	1027060	30,000.000	Dlr
0365	Backfill, Structure, CIP	2060002	24.000	Cyd
0370	Excavation, Fdn	2060010	24.000	Cyd
0375	Geotextile, Separator	3080005	214.000	Syd
0380	Expansion Joint Device	7060050	304.000	Ft
0385	False Decking	7060060	3,102.000	Sft
0390	Reinforcement, Steel, Epoxy Coated	7060092	7,483.000	Lb
0395	Conc, Grade 4500HP	7062004	34.000	Cyd
0400	Substructure Horizontal Surface Sealer (R01 of 38071)	7100030	64.000	Syd
0405	_ Silane Treatment	7107010	1,215.000	Sft
0410	Hand Chipping, Shallow	7120003	37.000	Syd
0415	Hand Chipping, Deep	7120004	56.000	Syd
0420	Hand Chipping, Other Than Deck	7120007	111.000	Cft
0425	Patch, Full Depth	7120010	4.000	Cyd
0430	Patch, Forming	7120017	340.000	Sft
0435	Epoxy Ovly, Warranty	7120022	2,296.000	Syd
0440	Structures, Rehabilitation, Rem Portions (R02 of 46062)	7120070	1.000	LSUM
0445	Deck Joint, Rem	7120071	307.000	Ft
0450	Patching Conc, C-L	7120112	14.000	Cyd
0455	Embedded Galvanic Anode	7120120	202.000	Ea
0460	Hand Chipping, Full Depth	7122000	100.000	Cft
0465	_ Bridge Joints, Clean and Seal	7127001	296.000	Ft
0470	_ Deck, Scaling	7127010	270.000	Sft
0475	_ Hand Chipping, Spec	7127010	244.000	Sft
0480	_ Maintenance Repr of Prest Conc Beam	7127010	96.000	Sft
0485	_ Latex Modified Conc, Spec	7127021	37.000	Cyd
0490	Beam Plate, Seal Perimeter	7130010	1,523.000	Ft
0495	Cutting Beam Ends, Simple Span	7130020	5.000	Ea
0500	Stiffeners, Furn, Fab, and Erect	7130060	594.000	Lb
0505	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	11,260.000	Lb
0510	Support, Column, Temp	7130080	30.000	Ea
0515	_ Support, Suspension, Temp, Spec Det 1	7137050	6.000	Ea
0520	_ Clean and Coat Steel Bearing	7157050	10.000	Ea
0525	_ Steel Structure, Cleaning, ExPSX (R02 of 46062)	7157051	1.000	LSUM
0530	_ Steel Structure, Coating, ExPSX (R02 of 46062)	7157051	1.000	LSUM

0535	Field Repr of Damaged Coating (R02 of 46062)	7160001	1.000	LSUM
0540	Riprap, Grouted	8130001	8.000	Syd
0545	Slope Paving Header	8130015	50.000	Ft
0550	Slope Paving, Conc	8130020	50.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 005**Letting Date:** August 4, 2023**Contract ID:** 70013-127478

Description: 1.06 mi of hot mix asphalt reconstruction for indirect left turn lanes and crossovers, concrete curb, gutter, sidewalk and spillway and pavement markings on US-31 at Pierce Street, Winans Street and 158th Avenue, Ottawa County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127478A	23A0689	N/A	CM 70013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Michigan Shore Railroad	1027060	18,500.000	Dlr
0010	Mobilization, Max \$98,900.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.400	Acre
0020	Tree, Rem, 19 inch to 36 inch	2020002	7.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	10.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0035	Excavation, Earth	2050016	2,249.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0045	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0050	_ Embankment, CIP, Spec	2057021	1,920.000	Cyd
0055	Obliterate Old Road	2070002	0.700	Acre
0060	Erosion Control, Check Dam, Stone	2080012	50.000	Ft
0065	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0070	Erosion Control, Sediment Trap	2080034	4.000	Ea
0075	Erosion Control, Silt Fence	2080036	1,100.000	Ft
0080	Aggregate Base, 6 inch	3020016	6,772.000	Syd
0085	_ Shld, CI II, 5.5 inch	3077011	1,353.000	Syd
0090	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0095	Culv End Sect, Footing	4010072	2.000	Ea
0100	Culv, CI F, Conc, 12 inch	4010641	136.000	Ft
0105	Dr Marker Post	4011109	2.000	Ea
0110	Trench Undercut and Backfill	4021260	10.000	Cyd
0115	Cold Milling HMA Surface	5010002	885.000	Syd
0120	HMA Surface, Rem	5010005	6,193.000	Syd
0125	HMA Quality Initiative	5010007	4,708.000	Dlr
0130	Hand Patching	5010025	20.000	Ton

0135	HMA Approach	5010061	836.000	Ton
0140	HMA Approach, High Stress	5010520	1,498.000	Ton
0145	Curb and Gutter, Conc, Det B2	8020016	891.000	Ft
0150	Sidewalk, Conc, 6 inch	8030046	1,550.000	Sft
0155	Delineator Reflector, Red	8100131	20.000	Ea
0160	Delineator Reflector, Yellow	8100132	10.000	Ea
0165	Delineator Reflector, White	8100134	25.000	Ea
0170	Fdn, Wood Support, Rem	8100280	6.000	Ea
0175	Delineator, Rem	8100349	16.000	Ea
0180	Post, Rigid, Delineator	8100361	35.000	Ea
0185	Post, Steel, 3 pound	8100371	1,274.000	Ft
0190	Post, Wood, 4 inch by 6 inch	8100380	72.000	Ft
0195	Post, Wood, 6 inch by 8 inch	8100382	108.000	Ft
0200	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0205	Sign, Type II, Rem	8100397	4.000	Ea
0210	Sign, Type IIA	8100398	36.000	Sft
0215	Sign, Type IIB	8100399	96.000	Sft
0220	Sign, Type III, Erect, Salv	8100402	14.000	Ea
0225	Sign, Type III, Rem	8100403	36.000	Ea
0230	Sign, Type IIIA	8100404	98.000	Sft
0235	Sign, Type IIIB	8100405	137.000	Sft
0240	Sign, Type VA	8100424	18.000	Sft
0245	Reflective Panel for Permanent Sign Support, 3 foot	8100613	28.000	Ea
0250	Sign, Type II, Rem, Salv	8102002	1.000	Ea
0255	Sign, Type III, Rem, Salv	8102003	30.000	Ea
0260	Ground Mtd Sign Support, Rem	8102010	45.000	Ea
0265	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	600.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
0275	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
0280	Pavt Mrkg, Waterborne, 6 inch, White	8110233	6,000.000	Ft
0285	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	800.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	6,000.000	Ft
0295	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	800.000	Ft
0300	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0305	Recessing Pavt Mrkg, Longit	8110450	6,800.000	Ft
0310	Recessing Pavt Mrkg, Transv	8110451	228.000	Sft
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	48.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	48.000	Ea
0325	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0335	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, Fluorescent, Furn	8120252	240.000	Ea
0345	Plastic Drum, Fluorescent, Oper	8120253	240.000	Ea

0350	Sign Cover	8120310	8.000	Ea
0355	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	1,344.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	1,344.000	Sft
0375	Traf Regulator Control	8120370	1.000	LSUM
0380	Speed Radar Trailer, Temp	8122028	2.000	Ea
0385	Riprap, Plain	8130010	4.000	Syd
0390	Site Preparation, Max \$2,600.00	8150001	1.000	LSUM
0395	Watering and Cultivating, First Season, Min \$1,200.00	8150002	1.000	LSUM
0400	Watering and Cultivating, 2nd Season, Min \$1,500.00	8150003	1.000	LSUM
0405	Acer saccharum 'Green Mountain', 1 1/2 inch	8150184	3.000	Ea
0410	Acer x freemanii 'Autumn Blaze', 1 1/2 inch	8150220	3.000	Ea
0415	Amelanchier x grandifolia 'Robin Hill', 1 1/2 inch	8150333	5.000	Ea
0420	Crataegus crusgalli 'Inermis', tree form, 1 1/2 inch	8151130	3.000	Ea
0425	Picea omorika, 4 foot	8152786	9.000	Ea
0430	Slope Restoration, Freeway, Type A	8162013	2,400.000	Syd
0435	Slope Restoration, Freeway, Type B	8162014	7,930.000	Syd
0440	Contractor Staking	8240001	1.000	LSUM
0445	Staking Plan Errors and Extras, Max \$180/hour	8240002	10.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230804 006**Letting Date:** August 4, 2023**Contract ID:** 43000-214542

Description: 1.83 mi of hot mix asphalt base crushing, shaping and resurfacing, culvert replacement, guardrail and pavement markings on Old M-63 from west of Twin Creek to west of Spruce Road, Lake County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214542A	23A0633	N/A	STL 43000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$92,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Guardrail, Rem	2040035	425.000	Ft
0020	Structures, Rem	2040060	1.000	LSUM
0025	Embankment, CIP	2050010	200.000	Cyd
0030	Excavation, Earth	2050016	440.000	Cyd
0035	Flowable Fill, Non-Structural	2050148	12.000	Cyd
0040	Backfill, Structure, CIP	2060002	150.000	Cyd
0045	Aggregate Base	3020001	2,800.000	Ton
0050	HMA Base Crushing and Shaping	3050002	33,000.000	Syd
0055	Salv Crushed Material, LM	3050015	40.000	Cyd
0060	Maintenance Gravel, LM	3060021	80.000	Cyd
0065	Approach, CI I, 6 inch	3070008	275.000	Syd
0070	Approach, CI II	3070021	110.000	Ton
0075	Shld, CI II	3070121	825.000	Ton
0080	Trenching	3070200	195.000	Sta
0085	Culv, CI F, 15 inch	4010608	30.000	Ft
0090	Culv Bedding, Box Culv	4060005	10.000	Cyd
0095	_ Culv, Alum Three-Sided Box, 15 foot 10 inch by 3 foot 6 inch	4067051	1.000	LSUM
0100	HMA Approach	5010061	150.000	Ton
0105	HMA, 4EL	5012024	5,500.000	Ton
0110	_ Steel Sheet Piling, Permanent, Spec	7047010	1,400.000	Sft
0115	Curb Slp, HMA	8050010	330.000	Ft
0120	Guardrail Approach Terminal, Type 2M	8070044	7.000	Ea
0125	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0130	Guardrail Reflector	8070080	12.000	Ea
0135	Post, Mailbox	8070095	5.000	Ea

0140	Guardrail, Long Span, Det MGS-2	8072122	4.000	Ea
0145	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	13.000	Ft
0150	Guardrail, Type MGS-8, 108 inch Post	8072180	300.000	Ft
0155	Pavt Mrkg, Waterborne, 4 inch, White	8110231	19,300.000	Ft
0160	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,425.000	Ft
0165	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0175	Minor Traf Devices	8120170	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,020.000	Ft
0185	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0190	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0195	Sign, Type B, Temp, Prismatic, Furn	8120350	168.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	168.000	Sft
0205	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	65.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	65.000	Sft
0215	Riprap, Plain	8130010	20.000	Syd
0220	Mulch Blanket, High Velocity	8160028	1,300.000	Syd
0225	_ Slope Restoration	8167011	8,000.000	Syd
0230	Monument Box	8210001	4.000	Ea
0235	Monument Preservation	8210010	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 007**Letting Date:** August 4, 2023**Contract ID:** 29000-211749

Description: 2.02 mi of hot mix asphalt base crushing, shaping and resurfacing, shoulder widening and pavement markings on Barry Road from Jefferson Road north to North County Line Road, Gratiot County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211749A	23A0635	N/A	STL 29000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$127,200.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0015	Pavt, Rem	2040050	36.000	Syd
0020	Embankment, LM	2050011	3,870.000	Cyd
0025	Excavation, Earth	2050016	3,901.000	Cyd
0030	Erosion Control, Silt Fence	2080036	10,460.000	Ft
0035	Subbase, CIP	3010002	3,445.000	Cyd
0040	Aggregate Base	3020001	8,941.000	Ton
0045	HMA Base Crushing and Shaping	3050002	32,881.000	Syd
0050	Approach, CI II	3070021	132.000	Ton
0055	Shld, CI II	3070121	1,000.000	Ton
0060	Culv End Sect, 12 inch	4010012	4.000	Ea
0065	Culv, CI A, 12 inch	4010131	280.000	Ft
0070	Culv, CI F, 12 inch	4010607	160.000	Ft
0075	Sewer Tap, 4 inch	4021200	20.000	Ea
0080	Dr Structure Cover, Type G	4030040	7.000	Ea
0085	Dr Structure, 24 inch dia	4030200	7.000	Ea
0090	Underdrain, Subbase, 4 inch	4040061	10,460.000	Ft
0095	Video Inspection of Underdrain	4040200	10,460.000	Ft
0100	HMA Surface, Rem	5010005	35.000	Syd
0105	Pavt for Butt Joints, Rem	5010008	150.000	Syd
0110	HMA, 13A	5010033	7,763.000	Ton
0115	HMA Approach	5010061	76.000	Ton
0120	Driveway, Reinf Conc, 6 inch	8010001	24.000	Syd
0125	Post, Mailbox	8070095	20.000	Ea
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	21,320.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,640.000	Ft

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	9.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	9.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0155	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	427.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	427.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	45.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	45.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	Riprap, Plain	8130010	9.000	Syd
0195	Slope Restoration, Non-Freeway, Type A	8162001	11,656.000	Syd
0200	Monument Box	8210001	3.000	Ea
0205	Monument Preservation	8210010	3.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 008**Letting Date:** August 4, 2023**Contract ID:** 39000-213217

Description: 0.25 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps and pavement markings on Lyon Street from 14th Street to the east village limits of Schoolcraft, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213217A	23A0617	N/A	HICU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$10,000.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	500.000	Cyd
0015	Shld, CI I, 3 inch	3070105	560.000	Syd
0020	Cold Milling HMA Surface	5010002	3,250.000	Syd
0025	HMA, 13A	5010033	592.000	Ton
0030	HMA Approach	5010061	12.000	Ton
0035	Detectable Warning Surface	8030010	25.000	Ft
0040	Curb Ramp, Conc, 6 inch	8032002	150.000	Sft
0045	Pavt Mrkg, Ovly Cold Plastic, 4 inch, Yellow	8110023	740.000	Ft
0050	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	36.000	Ft
0055	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	12.000	Ft
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0080	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0085	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,320.000	Ft
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	200.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	200.000	Sft
0110	Traf Regulator Control	8120370	1.000	LSUM
0115	_ Turf Restoration	8167011	560.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 009**Letting Date:** August 4, 2023**Contract ID:** 61000-205418

Description: 0.97 mi of hot mix asphalt base crushing, shaping and resurfacing, concrete curb and gutter, guardrail and pavement markings on Shettler Road from US-31 to Sheridan Road, Muskegon County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205418A	23A0612	N/A	STUL 61000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$69,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	369.000	Ft
0015	Pavt, Rem	2040050	412.000	Syd
0020	Sidewalk, Rem	2040055	20.000	Syd
0025	Embankment, LM	2050011	40.000	Cyd
0030	Excavation, Earth	2050016	30.000	Cyd
0035	Aggregate Base, 6 inch	3020016	4,574.000	Syd
0040	Aggregate Base, 8 inch	3020020	1,156.000	Syd
0045	HMA Base Crushing and Shaping	3050002	20,943.000	Syd
0050	Material, Surplus and Unsuitable, Rem, LM	3050010	260.000	Cyd
0055	Salv Crushed Material, LM	3050015	284.000	Cyd
0060	Maintenance Gravel	3060020	80.000	Ton
0065	Approach, CI II	3070021	50.000	Ton
0070	Shld, CI III, 3 inch	3070145	1,692.000	Syd
0075	Trenching	3070200	87.000	Sta
0080	HMA Surface, Rem	5010005	243.000	Syd
0085	Edge Trimming	5010009	385.000	Ft
0090	Hand Patching	5010025	2.000	Ton
0095	HMA Approach	5010061	24.000	Ton
0100	HMA, 4EML	5012025	2,304.000	Ton
0105	HMA, 5EML	5012037	1,728.000	Ton
0110	Driveway, Nonreinf Conc, 6 inch	8010005	247.000	Syd
0115	Curb and Gutter, Conc, Det B2	8020016	650.000	Ft
0120	Detectable Warning Surface	8030010	12.000	Ft
0125	Curb Ramp Opening, Conc	8030030	30.000	Ft
0130	Curb Ramp, Conc, 6 inch	8032002	230.000	Sft
0135	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea

0140	Guardrail, Salv	8070075	485.000	Ft
0145	Guardrail Reflector	8070080	8.000	Ea
0150	Post, Mailbox	8070095	52.000	Ea
0155	Guardrail, Type MGS-8, 108 inch Post	8072180	350.000	Ft
0160	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0165	Sign, Type III, Rem	8100403	7.000	Ea
0170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	9,020.000	Ft
0175	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,395.000	Ft
0180	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	16.000	Ft
0185	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	66.000	Ft
0190	_ Pavt Mrkg, Waterborne, School	8117050	2.000	Ea
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0210	Minor Traf Devices	8120170	1.000	LSUM
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	410.000	Ft
0220	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0225	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	454.000	Sft
0235	Sign, Type B, Temp, Prismatic, Oper	8120351	454.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	58.000	Sft
0245	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	58.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0255	Riprap, Plain	8130010	11.000	Syd
0260	Slope Restoration, Non-Freeway, Type A	8162001	6,778.000	Syd



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 010**Letting Date:** August 4, 2023**Contract ID:** 72061-213717

Description: Bridge rehabilitation including epoxy overlay, concrete curb and gutter, deck joint replacement, thrie beam retrofit guardrail, guardrail replacement, pavement markings and approach work on M-55 ramp over I-75 and ramp to M-55 Westbound over I-75, Roscommon County. This project includes 5 year thin epoxy bridge deck overlay warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213717A	23A0680	N/A	BFPI 72061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$136,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Curb and Gutter, Rem	2040020	360.000	Ft
0020	Guardrail, Rem	2040035	4,459.000	Ft
0025	Embankment, LM	2050011	36.000	Cyd
0030	Excavation, Earth	2050016	290.000	Cyd
0035	Erosion Control, Silt Fence	2080036	142.000	Ft
0040	Aggregate Base	3020001	243.000	Ton
0045	Culv, Downspout, 12 inch	4010795	42.000	Ft
0050	Dr Marker Post	4011109	1.000	Ea
0055	Culv, Outlet Headwall, 12 inch	4012000	1.000	Ea
0060	HMA Surface, Rem	5010005	491.000	Syd
0065	Hand Patching	5010025	21.000	Ton
0070	Joint, Expansion, E3	6020208	177.000	Ft
0075	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	388.000	Syd
0080	Curb and Gutter, Bridge Approach, Det 5	8022016	278.000	Ft
0085	Curb and Gutter, Bridge Approach, Det 6	8022017	46.000	Ft
0090	Curb and Gutter, Bridge Approach, Det 7	8022018	47.000	Ft
0095	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0100	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0105	Guardrail Reflector	8070080	267.000	Ea
0110	Guardrail Anch, Bridge, Det A3	8070150	8.000	Ea
0115	Guardrail, Type MGS-8, 108 inch Post	8072180	3,853.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, White	8110233	1,100.000	Ft
0125	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	1,000.000	Ft
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea

0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	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 Cover, Type R, Black	8120200	300.000	Ft
0160	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0170	Sign Cover	8120310	45.000	Ea
0175	Sign Cover, Type I	8120320	12.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,500.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	1,500.000	Sft
0200	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	250.000	Sft
0205	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	250.000	Sft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,500.000	Ft
0215	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,500.000	Ft
0220	Riprap, Plain	8130010	5.000	Syd
0225	Slope Restoration, Freeway, Type E	8162017	4,090.000	Syd

Section: 2

0230	HMA Patch, Rem	5010006	12.000	Syd
0235	Expansion Joint Device	7060050	393.000	Ft
0240	False Decking	7060060	6,715.000	Sft
0245	Reinforcement, Steel, Epoxy Coated	7060092	11,021.000	Lb
0250	Conc, Grade 4500	7062003	88.000	Cyd
0255	Joint Waterproofing	7100001	230.000	Sft
0260	Bridge Railing, Thrie Beam Retrofit	7110006	1,789.000	Ft
0265	Hand Chipping, Deep	7120004	108.000	Syd
0270	Epoxy Ovly, Warranty	7120022	3,854.000	Syd
0275	Structures, Rehabilitation, Rem Portions (S07 of 72061)	7120070	1.000	LSUM
0280	Structures, Rehabilitation, Rem Portions (S08 of 72061)	7120070	1.000	LSUM
0285	Deck Joint, Rem	7120071	386.000	Ft
0290	Top Flanges and Beam Ends, Clean and Coat	7120100	7.000	Syd
0295	Embedded Galvanic Anode	7120120	786.000	Ea
0300	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,170.000	Lb



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Schedule of Pay Items

Report v1

Letting Call: 230804 011**Letting Date:** August 4, 2023**Contract ID:** 53021-207956**Description:** 0.86 mi of hot mix asphalt cold milling and resurfacing, sidewalk ramp improvements and pavement markings on US-10 from Jackson Road east to US-31BR, Mason County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207956A	23A0691	N/A	NH 53021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$70,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	290.000	Ft
0015	Sidewalk, Rem	2040055	60.000	Syd
0020	Embankment, CIP	2050010	10.000	Cyd
0025	Excavation, Earth	2050016	28.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	29.000	Ea
0035	Erosion Control, Silt Fence	2080036	500.000	Ft
0040	Aggregate Base, 6 inch	3020016	13.000	Syd
0045	Dr Structure Cover, Adj, Case 1, Modified	4030004	20.000	Ea
0050	Dr Structure Cover, Adj, Case 1	4030005	13.000	Ea
0055	Dr Structure Cover, Type J	4030045	4.000	Ea
0060	Dr Structure Cover, Type K	4030050	8.000	Ea
0065	Dr Structure, Adj, Add Depth	4030280	6.000	Ft
0070	Dr Structure, Temp Lowering	4030390	20.000	Ea
0075	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0080	Pavt, Cleaning	5010001	1.000	LSUM
0085	Cold Milling HMA Surface	5010002	33,330.000	Syd
0090	HMA Surface, Rem	5010005	52.000	Syd
0095	HMA Quality Initiative	5010007	5,700.000	Dlr
0100	Longit Joint Density Quality Initiative	5010018	18,160.000	Dlr
0105	Hand Patching	5010025	17.000	Ton
0110	HMA Approach, High Stress	5010520	195.000	Ton
0115	HMA, 5EML, High Stress	5012085	2,638.000	Ton
0120	Curb and Gutter, Conc, Det B2	8020016	40.000	Ft
0125	Curb and Gutter, Conc, Det F4	8020038	148.000	Ft
0130	Detectable Warning Surface	8030010	78.000	Ft
0135	Curb Ramp Opening, Conc	8030030	102.000	Ft
0140	Curb Ramp, Conc, 6 inch	8032002	766.000	Sft

0145	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	965.000	Ft
0150	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	372.000	Ft
0155	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	11,395.000	Ft
0160	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	14,798.000	Ft
0165	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	11,395.000	Ft
0170	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Yellow	8110136	14,798.000	Ft
0175	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0180	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0185	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0190	Recessing Pavt Mrkg, Guide Line	8110453	52.000	Ft
0195	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	52.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	9,000.000	Ft
0240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	18,000.000	Ft
0245	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0250	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0255	Sign, Type B, Temp, Prismatic, Furn	8120350	329.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	329.000	Sft
0265	Traf Regulator Control	8120370	1.000	LSUM
0270	Pedestrian Ramp, Temp	8122251	4.000	Ea
0275	Slope Restoration, Non-Freeway, Type A	8162001	221.000	Syd
0280	Wireless Vehicle Sensor Node, Salv	8200427	4.000	Ea
0285	Monument Box	8210001	1.000	Ea
0290	Protect Corners	8210020	1.000	Ea
0295	Water Shutoff, Adj, Temp, Case 1	8230381	2.000	Ea
0300	Water Shutoff, Reconst, Case 1	8230401	2.000	Ea
0305	Water Shutoff, Adj, Case 1	8230421	2.000	Ea
0310	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0315	Contractor Staking	8240001	1.000	LSUM
0320	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 012**Letting Date:** August 4, 2023**Contract ID:** 82000-215662

Description: 0.74 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps and pavement markings on Northline Road from Agnes Street easterly to west of Fort Street (M-85) in the city of Southgate, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215662A	23A0580	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$221,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	566.000	Ft
0015	Pavt, Rem	2040050	52.000	Syd
0020	Sidewalk, Rem	2040055	390.000	Syd
0025	Exploratory Investigation, Vertical	2040080	30.000	Ft
0030	_ Pavt Repr, Remove, Patching	2047011	4,185.000	Syd
0035	_ Misc Obstruction, Rem	2047021	10.000	Cyd
0040	Excavation, Earth	2050016	50.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	45.000	Ea
0055	Project Cleanup	2090001	1.000	LSUM
0060	_ Aggregate Base, 6 inch, Modified	3027011	456.000	Syd
0065	_ Storm Sewer Cleanout	4027001	500.000	Ft
0070	Dr Structure, Cleaning	4030290	10.000	Ea
0075	Dr Structure, Temp Lowering	4030390	17.000	Ea
0080	_ Dr Structure Reconstruct	4037001	43.000	Ft
0085	_ Dr Structure Cover, Adj	4037050	59.000	Ea
0090	_ Dr Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0095	_ Dr Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0100	_ San Structure Cover, Adj	4037050	1.000	Ea
0105	_ San Structure Cover, Adj, Furn Cover	4037050	5.000	Ea
0110	Cold Milling HMA Surface	5010002	27,892.000	Syd
0115	Pavt Joint and Crack Repr, Det 8	5010021	200.000	Ft
0120	_ Cold Milling Conc Surface	5017011	150.000	Syd
0125	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0130	_ Conditioning Existing Pavement	5017031	480.000	Ton
0135	_ Misc HMA Approach	5017031	122.000	Ton

0140	_ Misc HMA, 4EMH	5017031	3,835.000	Ton
0145	_ Misc HMA, 5EMH	5017031	2,416.000	Ton
0150	_ Misc HMA, Hand Patching	5017031	20.000	Ton
0155	_ Misc HMA, Wedge	5017031	760.000	Ton
0160	Joint, Contraction, Cp	6020200	1,674.000	Ft
0165	Joint, Expansion, E2	6020207	251.000	Ft
0170	Pavt Gapping	6020215	500.000	Ft
0175	_ Cold Weather Protection, Conc Pavt	6027011	2,093.000	Syd
0180	_ Conc Pavt, Nonreinf, ISC-3, 8 inch	6027011	52.000	Syd
0185	Lane Tie, Epoxy Anchored	6030030	284.000	Ea
0190	_ Pavt Repr, Nonreinf Conc, Patching	6037011	4,185.000	Syd
0195	Curb and Gutter, Conc, Det F5	8020039	300.000	Ft
0200	_ Conc Curb Cap	8027001	500.000	Ft
0205	_ Conc Curb Cap, Patching	8027001	1,000.000	Ft
0210	Detectable Warning Surface	8030010	195.000	Ft
0215	Curb Ramp Opening, Conc	8030030	266.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	2,156.000	Sft
0225	_ Curb Ramp, Conc, 8 inch	8037010	1,441.000	Sft
0230	_ Field Office	8097043	3.000	Mo
0235	_ Sign, Type B, Perm	8107010	306.000	Sft
0240	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,147.000	Ft
0245	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	76.000	Ft
0250	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	269.000	Ft
0255	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0265	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,112.000	Ft
0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	8,415.000	Ft
0275	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0285	Pedestrian Type II Barricade, Temp	8120026	16.000	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	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0310	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,250.000	Ft
0315	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,125.000	Ft
0320	Plastic Drum, Fluorescent, Furn	8120252	350.000	Ea
0325	Plastic Drum, Fluorescent, Oper	8120253	350.000	Ea
0330	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	2,250.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,125.000	Ft

0340	Sign Cover	8120310	6.000	Ea
0345	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0350	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0355	Sign, Type B, Temp, Prismatic, Furn	8120350	732.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	732.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	32.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	32.000	Sft
0375	Traf Regulator Control	8120370	1.000	LSUM
0380	Mulch Blanket	8160027	2,810.000	Syd
0385	Topsoil Surface, Furn, 2 inch	8160060	2,810.000	Syd
0390	Water, Sodding/Seeding	8160090	7.000	Unit
0395	_ Seeding, Mixture THM, Modified	8167011	2,810.000	Syd
0400	Monument Box Adj	8210005	2.000	Ea
0405	Monument Preservation	8210010	2.000	Ea
0410	Protect Corners	8210020	2.000	Ea
0415	_ Monument, Prec Bench Mark	8217050	2.000	Ea
0420	Staking Plan Errors and Extras, Max \$180/hour	8240002	24.000	Hr
0425	_ Contractor Staking, Modified	8247051	1.000	LSUM
0430	_ Audio-Video Rte Survey	8507051	1.000	LSUM



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 013**Letting Date:** August 4, 2023**Contract ID:** 82000-215647

Description: 0.94 mi of hot mix asphalt cold milling and resurfacing, concrete pavement repair, curb ramps, signing and pavement markings on Pelham Road from Ecorse Road northerly to Van Born Road in the cities of Allen Park and Taylor, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215647A	23A0581	N/A	ST 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Norfolk Southern	1077060	10,000.000	Dir
0010	_ Railroad Protection, Norfolk Southern	1077060	5,000.000	Dir
0015	Mobilization, Max \$199,300.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	557.000	Ft
0025	Pavt, Rem	2040050	38.000	Syd
0030	Sidewalk, Rem	2040055	529.000	Syd
0035	Exploratory Investigation, Vertical	2040080	30.000	Ft
0040	_ Pavt Repr, Remove, Patching	2047011	1,516.000	Syd
0045	_ Misc Obstruction, Rem	2047021	5.000	Cyd
0050	Excavation, Earth	2050016	50.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	58.000	Ea
0065	Project Cleanup	2090001	1.000	LSUM
0070	_ Aggregate Base, 6 inch, Modified	3027011	551.000	Syd
0075	_ Storm Sewer Cleanout	4027001	1,000.000	Ft
0080	Dr Structure, Cleaning	4030290	15.000	Ea
0085	Dr Structure, Temp Lowering	4030390	36.000	Ea
0090	_ Dr Structure Reconstruct	4037001	10.000	Ft
0095	_ Dr Structure Cover, Adj	4037050	86.000	Ea
0100	_ Dr Structure Cover, Adj, Furn Cover A	4037050	5.000	Ea
0105	_ Dr Structure Cover, Adj, Furn Cover S	4037050	5.000	Ea
0110	_ San Structure Cover, Adj	4037050	9.000	Ea
0115	Cold Milling HMA Surface	5010002	31,732.000	Syd
0120	Pavt Joint and Crack Repr, Det 8	5010021	400.000	Ft
0125	_ Cold Milling Conc Surface	5017011	500.000	Syd
0130	_ Bit Mixture for Patching, Temp	5017031	50.000	Ton
0135	_ Conditioning Existing Pavement	5017031	539.000	Ton

0140	_ Misc HMA Approach	5017031	77.000	Ton
0145	_ Misc HMA, 4EMH	5017031	4,168.000	Ton
0150	_ Misc HMA, 5EMH	5017031	2,626.000	Ton
0155	_ Misc HMA, Hand Patching	5017031	40.000	Ton
0160	_ Misc HMA, Wedge	5017031	864.000	Ton
0165	Joint, Contraction, Cp	6020200	606.000	Ft
0170	Joint, Expansion, E2	6020207	91.000	Ft
0175	Pavt Gapping	6020215	500.000	Ft
0180	_ Cold Weather Protection, Conc Pavt	6027011	758.000	Syd
0185	_ Conc Pavt, Nonreinf, ISC-3, 8 inch	6027011	38.000	Syd
0190	Lane Tie, Epoxy Anchored	6030030	380.000	Ea
0195	_ Pavt Repr, Nonreinf Conc, Patching	6037011	1,516.000	Syd
0200	Curb and Gutter, Conc, Det F5	8020039	350.000	Ft
0205	_ Conc Curb Cap	8027001	500.000	Ft
0210	_ Conc Curb Cap, Patching	8027001	1,000.000	Ft
0215	Detectable Warning Surface	8030010	155.000	Ft
0220	Curb Ramp Opening, Conc	8030030	207.000	Ft
0225	Sidewalk, Conc, 4 inch	8030044	2,325.000	Sft
0230	_ Curb Ramp, Conc, 8 inch	8037010	1,667.000	Sft
0235	_ Field Office	8097043	3.000	Mo
0240	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0245	Bridge Sign Connection, Steel, Type A1	8100060	2.000	Ea
0250	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
0255	_ Sign, Type B, Perm	8107010	361.000	Sft
0260	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,400.000	Ft
0265	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	729.000	Ft
0270	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	553.000	Ft
0275	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	8.000	Ea
0280	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0285	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	2,800.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	12,150.000	Ft
0295	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0305	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0315	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0320	Minor Traf Devices	8120170	1.000	LSUM
0325	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	500.000	Ft
0330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,850.000	Ft
0335	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,425.000	Ft
0340	Plastic Drum, Fluorescent, Furn	8120252	440.000	Ea
0345	Plastic Drum, Fluorescent, Oper	8120253	440.000	Ea

0350	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, White, Temp	8120263	2,850.000	Ft
0355	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	1,425.000	Ft
0360	Sign Cover	8120310	6.000	Ea
0365	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0370	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0375	Sign, Type B, Temp, Prismatic, Furn	8120350	755.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	755.000	Sft
0385	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	36.000	Sft
0390	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	36.000	Sft
0395	Traf Regulator Control	8120370	1.000	LSUM
0400	Mulch Blanket	8160027	1,230.000	Syd
0405	Topsoil Surface, Furn, 2 inch	8160060	1,230.000	Syd
0410	Water, Sodding/Seeding	8160090	5.000	Unit
0415	_ Seeding, Mixture THM, Modified	8167011	1,230.000	Syd
0420	Monument Box Adj	8210005	2.000	Ea
0425	Monument Preservation	8210010	2.000	Ea
0430	Protect Corners	8210020	2.000	Ea
0435	_ Monument, Prec Bench Mark	8217050	2.000	Ea
0440	Staking Plan Errors and Extras, Max \$180/hour	8240002	22.000	Hr
0445	_ Contractor Staking, Modified	8247051	1.000	LSUM
0450	_ Audio-Video Rte Survey	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230804 014**Letting Date:** August 4, 2023**Contract ID:** 68041-213761-2

Description: Stop signing improvements at 45 stop-controlled intersections with dual stop signs, stop ahead sign replacement and curve signing on various routes at multiple intersections, Oscoda County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213761A	23A0323	N/A	HSIP 68041
213762A	23A0330	N/A	HSIP 68041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$33,000.00	1100001	1.000	LSUM
0010	Fdn, Wood Support, Rem	8100280	22.000	Ea
0015	Post, Steel, 3 pound	8100371	15,920.000	Ft
0020	Sign, Type III, Erect, Salv	8100402	19.000	Ea
0025	Sign, Type IIIA	8100404	999.000	Sft
0030	Sign, Type IIIB	8100405	3,716.000	Sft
0035	Reflective Panel for Permanent Sign Support, 3 foot	8100613	106.000	Ea
0040	Reflective Panel for Permanent Sign Support, 6 foot	8100616	1,022.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	_ Sign, Rem	8207050	218.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 015**Letting Date:** August 4, 2023**Contract ID:** 80000-208233

Description: 1.00 mi of hot mix asphalt crushing, shaping and resurfacing, concrete curb and gutter, guardrail, signing and pavement markings on County Road 689 from 6th Avenue to Phoenix Road (County Road 388), Van Buren County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208233A	23A0615	N/A	STUL 80000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$90,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	31.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0020	Curb and Gutter, Rem	2040020	136.000	Ft
0025	Pavt, Rem	2040050	539.000	Syd
0030	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0035	_ Machine Grading, Modified	2057002	56.000	Sta
0040	Erosion Control, Check Dam, Stone	2080012	81.000	Ft
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0050	Erosion Control, Silt Fence	2080036	10,400.000	Ft
0055	Aggregate Base	3020001	1,986.000	Ton
0060	Aggregate Base, 8 inch	3020020	6,173.000	Syd
0065	HMA Base Crushing and Shaping	3050002	19,912.000	Syd
0070	Approach, CI III, 6 inch	3070048	879.000	Syd
0075	Shld, CI II	3070121	652.000	Ton
0080	Trenching	3070200	101.000	Sta
0085	Geotextile, Separator	3080005	500.000	Syd
0090	Culv End Sect, Conc, 18 inch	4010049	4.000	Ea
0095	Culv End Sect, Conc, 30 inch	4010052	2.000	Ea
0100	Culv End Sect, Metal, 12 inch	4010094	66.000	Ea
0105	Culv, CI E, Conc, 18 inch	4010575	80.000	Ft
0110	Culv, CI E, Conc, 30 inch	4010577	40.000	Ft
0115	Culv, CI F, 12 inch	4010607	966.000	Ft
0120	Dr Structure Cover, Adj, Case 1	4030005	15.000	Ea
0125	Dr Structure Cover, Adj, Case 2	4030006	10.000	Ea
0130	HMA Approach	5010061	61.000	Ton
0135	HMA, 4EL	5012024	3,880.000	Ton

0140	Driveway, Nonreinf Conc, 6 inch	8010005	236.000	Syd
0145	Curb and Gutter, Conc, Det B2	8020016	428.000	Ft
0150	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0155	Post, Mailbox	8070095	26.000	Ea
0160	Guardrail, Type MGS-8, 72 inch Post	8072179	840.000	Ft
0165	Post, Steel, 3 pound	8100371	136.000	Ft
0170	Sign, Type III, Rem	8100403	17.000	Ea
0175	Sign, Type IIIA	8100404	153.000	Sft
0180	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	62.000	Ft
0185	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0190	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0195	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,600.000	Ft
0200	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	10,600.000	Ft
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	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0225	Dust Palliative, Applied	8120100	20.000	Ton
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	454.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	454.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	75.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	75.000	Sft
0265	Traf Regulator Control	8120370	1.000	LSUM
0270	Slope Restoration, Non-Freeway, Type B	8162002	17,310.000	Syd
0275	Slope Restoration, Non-Freeway, Type C	8162003	2,429.000	Syd
0280	Slope Restoration, Non-Freeway, Type D	8162004	283.000	Syd
0285	Hydrant, Relocate, Case 1	8230095	8.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 016**Letting Date:** August 4, 2023**Contract ID:** 82024-210991**Description:** Two bridge removals, lighting, signal, minor road work and approach work on Beaubien Street over I-94 and on the Seminole Avenue pedestrian bridge over I-94 in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210991A	23A0690	N/A	ST 82024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$144,400.00	1100001	1.000	LSUM
0010	Dr Structure, Rem	2030011	2.000	Ea
0015	Curb, Rem	2040021	142.000	Ft
0020	Pavt, Rem	2040050	232.000	Syd
0025	Sidewalk, Rem	2040055	595.000	Syd
0030	_ Bollard, Rem	2047050	4.000	Ea
0035	Embankment, CIP	2050010	78.000	Cyd
0040	Excavation, Earth	2050016	9.000	Cyd
0045	Erosion Control, Inlet Protection, Fabric Drop	2080020	11.000	Ea
0050	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0055	Erosion Control, Silt Fence	2080036	345.000	Ft
0060	Aggregate Base, 6 inch	3020016	50.000	Syd
0065	HMA Surface, Rem	5010005	220.000	Syd
0070	Pavt Repr, Nonreinf Conc, 11 inch	6030050	31.000	Syd
0075	_ Curb, Conc, Det E1, Modified	8027001	240.000	Ft
0080	Detectable Warning Surface	8030010	23.000	Ft
0085	Curb Ramp Opening, Conc	8030030	27.000	Ft
0090	Sidewalk, Conc, 4 inch	8030044	3,024.000	Sft
0095	Sidewalk, Conc, 6 inch	8030046	503.000	Sft
0100	Curb Ramp, Conc, 6 inch	8032002	328.000	Sft
0105	Fence, Protective	8080007	500.000	Ft
0110	Fence, Chain Link, 48 inch	8080011	43.000	Ft
0115	_ Fence, Chain Link with Wire Rope, 48 inch	8087001	162.000	Ft
0120	Band, Sign	8100010	15.000	Ea
0125	Post, Steel, 3 pound	8100371	364.000	Ft
0130	Post, Wood, 4 inch by 6 inch	8100380	20.000	Ft
0135	Sign, Type II, Rem	8100397	4.000	Ea
0140	Sign, Type III, Rem	8100403	31.000	Ea

0145	Sign, Type IIIA	8100404	96.000	Sft
0150	Sign, Type IIIB	8100405	9.000	Sft
0155	Transporting Salv MDOT Materials	8100420	1.000	LSUM
0160	Sign, Type VB	8100425	28.000	Sft
0165	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0170	Ground Mtd Sign Support, Rem	8102010	14.000	Ea
0175	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	200.000	Ft
0180	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	3,000.000	Ft
0185	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,000.000	Ft
0190	Rem Spec Mrkg	8110343	550.000	Sft
0195	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	90.000	Ea
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	90.000	Ea
0205	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0210	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0215	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0220	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0225	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0230	Conc Barrier, Temp, Furn	8120081	750.000	Ft
0235	Conc Barrier, Temp, Oper	8120082	750.000	Ft
0240	Conc Barrier, Temp, Relocated	8120083	750.000	Ft
0245	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0250	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0255	Lighted Arrow, Type C, Furn	8120140	15.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	15.000	Ea
0265	Ltg for Night Work	8120160	1.000	LSUM
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Mobile Attenuator	8120180	6.000	Ea
0280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,000.000	Ft
0285	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	3,000.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	2,000.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	2,000.000	Ea
0300	Sign Cover	8120310	100.000	Ea
0305	Sign Cover, Type I	8120320	30.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0315	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0320	Sign, Type A, Temp, Prismatic, Furn	8120340	2,400.000	Sft
0325	Sign, Type A, Temp, Prismatic, Oper	8120341	2,400.000	Sft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	12,500.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	12,500.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	9,800.000	Sft
0345	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	9,800.000	Sft
0350	Traf Regulator Control	8120370	1.000	LSUM

0355	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,000.000	Ft
0360	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,000.000	Ft
0365	Conc Barrier-Mtd Temp Sign System, Furn	8122192	85.000	Ea
0370	Conc Barrier-Mtd Temp Sign System, Oper	8122193	85.000	Ea
0375	Pedestrian Path, Temp	8122250	175.000	Ft
0380	Pedestrian Ramp, Temp	8122251	6.000	Ea
0385	Slope Restoration, Freeway, Type A	8162013	422.000	Syd
0390	Conduit, Rem	8182000	200.000	Ft
0395	Cable, Rem	8182196	178.000	Ft
0400	Hh, Rem	8182330	2.000	Ea
0405	Wood Pole, Rem	8182363	5.000	Ea
0410	Light Std Arm, Rem	8190277	2.000	Ea
0415	Light Std Shaft, Rem	8190305	2.000	Ea
0420	Luminaire, Rem and Salv	8190365	2.000	Ea
0425	Case Sign, Rem	8200020	2.000	Ea
0430	Controller and Cabinet, Rem	8200030	1.000	Ea
0435	Controller Fdn, Rem	8200046	1.000	Ea
0440	Fdn, Rem	8200065	4.000	Ea
0445	Flsh Beacon, Solar Power, Rem	8200072	2.000	Ea
0450	Pedestal Fdn, Rem	8200106	1.000	Ea
0455	Pedestal, Rem	8200110	1.000	Ea
0460	Span Wire, Rem	8200141	2.000	Ea
0465	Steel Pole, Rem	8200145	2.000	Ea
0470	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	7.000	Ea
0475	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0480	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0485	TS Face, Bag	8200458	75.000	Ea
0490	TS Face, Bag, Rem	8200459	75.000	Ea
0495	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
0500	Contractor Staking	8240001	1.000	LSUM
0505	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr

Section: 2

0510	_ Relocation and Site Cleanup (S06 of 82024)	1077051	1.000	LSUM
0515	Structures, Rem Portions (P06 of 82024)	2040061	1.000	LSUM
0520	Structures, Rem Portions (S06 of 82024)	2040061	1.000	LSUM
0525	False Decking	7060060	13,327.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 230804 017**Letting Date:** August 4, 2023**Contract ID:** 03072-207962**Description:** 3.26 mi of single course chip seal with fog seal and overband crack fill on M-40 from 48th Street to 52nd Street, Allegan County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207962A	23A0694	N/A	NH 03072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$42,600.00	1100001	1.000	LSUM
0010	Overband Crack Fill, Lane	5020003	6.530	Lnmi
0015	Seal, Fog	5050015	79,229.000	Syd
0020	Chip Seal, Single, Warranty	5050040	79,229.000	Syd
0025	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	132.000	Ft
0030	Rem Spec Mrkg	8110343	320.000	Sft
0035	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0040	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	4.000	Ea
0045	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	34,800.000	Ft
0050	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, Yellow	8112004	12,600.000	Ft
0055	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	34,800.000	Ft
0060	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	12,600.000	Ft
0065	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	75.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	75.000	Ea
0075	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0080	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	47,400.000	Ft
0095	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	1,800.000	Ea
0100	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,800.000	Ea
0105	Sign Cover	8120310	3.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0115	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0120	Sign, Type B, Temp, Prismatic, Furn	8120350	368.000	Sft
0125	Sign, Type B, Temp, Prismatic, Oper	8120351	368.000	Sft

0130	Traf Regulator Control	8120370	1.000	LSUM
0135	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0140	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0145	Protect Corners	8210020	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 018**Letting Date:** August 4, 2023**Contract ID:** 49025-211318

Description: Bridge rehabilitation of 3 structures including epoxy overlay, deck patching, joint replacement, substructure patching, railing repairs, thrie beam, substructure horizontal surface sealer and approach work on I-75 northbound over Carp River, M-123 over I-75 and M-134 over Pine River, Mackinac County. This project includes a 5 year epoxy polymer bridge deck overlay performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211318A	23A0696	N/A	ST 49025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$127,100.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	179.000	Ft
0015	Guardrail, Rem	2040035	875.000	Ft
0020	Pavt, Rem	2040050	149.000	Syd
0025	Embankment, CIP	2050010	40.000	Cyd
0030	Excavation, Earth	2050016	35.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0040	Erosion Control, Silt Fence	2080036	200.000	Ft
0045	Erosion Control, Turbidity Curtain, Shallow	2080044	300.000	Ft
0050	Aggregate Base, 4 inch	3020010	414.000	Syd
0055	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0060	Dr Structure Cover, Type D	4030025	6.000	Ea
0065	HMA Surface, Rem	5010005	390.000	Syd
0070	Hand Patching	5010025	25.000	Ton
0075	Joint, Expansion, E3	6020208	157.000	Ft
0080	Conc Pavt, Bridge Approach, Reinf	6020600	356.000	Syd
0085	Joint, Expansion, Erg	6030021	48.000	Ft
0090	Bridge Railing, Thrie Beam Retrofit	7110006	350.000	Ft
0095	Curb and Gutter, Bridge Approach, Det 5	8022016	206.000	Ft
0100	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0105	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0110	Guardrail Reflector	8070080	36.000	Ea
0115	Guardrail, Reconst, Type T	8070109	275.000	Ft
0120	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0125	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0130	Guardrail, Type MGS-8, 72 inch Post	8072179	138.000	Ft
0135	Fence, Protective	8080007	1,084.000	Ft

0140	Delineator Reflector, Green	8100133	4.000	Ea
0145	Delineator, Rem	8100349	4.000	Ea
0150	Post, Rigid, Delineator	8100361	4.000	Ea
0155	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	314.000	Ft
0160	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0165	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	1,150.000	Ft
0170	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, Yellow	8112004	1,100.000	Ft
0175	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, White	8112145	1,150.000	Ft
0180	Pavt Mrkg, Wet Reflective Waterborne, 6 inch, Yellow	8112148	1,100.000	Ft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0195	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0200	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0205	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0210	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0215	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0220	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0225	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	1.000	Ea
0230	Conc Barrier, Temp, Adj	8120080	420.000	Ft
0235	Conc Barrier, Temp, Furn	8120081	420.000	Ft
0240	Conc Barrier, Temp, Oper	8120082	420.000	Ft
0245	Conc Barrier, Temp, Relocated	8120083	420.000	Ft
0250	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0255	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0265	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Mobile Attenuator	8120180	1.000	Ea
0280	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	550.000	Ft
0285	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,100.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	75.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	75.000	Ea
0300	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0305	PTS, Temp, Furn	8120272	2.000	Ea
0310	PTS, Temp, Oper	8120273	2.000	Ea
0315	Sign Cover	8120310	2.000	Ea
0320	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0325	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0330	Sign, Type B, Temp, Prismatic, Furn	8120350	472.000	Sft
0335	Sign, Type B, Temp, Prismatic, Oper	8120351	472.000	Sft
0340	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	64.000	Sft
0345	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	64.000	Sft

0350	Traf Regulator Control	8120370	1.000	LSUM
0355	Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8121300	250.000	Ft
0360	Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8121301	250.000	Ft
0365	Conc Barrier, Temp, Limited Deflection, Det 4A, Adj	8121302	250.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,100.000	Ft
0375	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	2,000.000	Ft
0380	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0385	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0390	Slope Restoration, Non-Freeway, Type B	8162002	240.000	Syd
0395	Slope Restoration, Freeway, Type B	8162014	400.000	Syd
0400	Contractor Staking	8240001	1.000	LSUM
0405	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr

Section: 2

0410	_ Equipment Cleaning and Washing	1077051	1.000	LSUM
0415	Expansion Joint Device	7060050	174.000	Ft
0420	False Decking	7060060	3,520.000	Sft
0425	Reinforcement, Steel, Epoxy Coated	7060092	2,500.000	Lb
0430	Conc, Grade 4500	7062003	31.000	Cyd
0435	Substructure Horizontal Surface Sealer (B01 of 49041)	7100030	33.000	Syd
0440	Substructure Horizontal Surface Sealer (B02 of 49025)	7100030	52.000	Syd
0445	Substructure Horizontal Surface Sealer (S04 of 49025)	7100030	31.000	Syd
0450	Hand Chipping, Deep	7120004	129.000	Syd
0455	Hand Chipping, Other Than Deck	7120007	536.000	Cft
0460	Patch, Forming	7120017	1,608.000	Sft
0465	Epoxy Ovly, Rem	7120021	600.000	Syd
0470	Epoxy Ovly, Warranty	7120022	738.000	Syd
0475	Deck Joint, Rem	7120071	176.000	Ft
0480	Patching Conc, C-L	7120112	39.000	Cyd
0485	Embedded Galvanic Anode	7120120	720.000	Ea
0490	Stiffeners, Furn, Fab, and Erect	7130060	496.000	Lb
0495	Support, Column, Temp	7130080	4.000	Ea
0500	_ Support, Temp, Column, Spec	7137050	1.000	Ea
0505	Slope Paving, Conc	8130020	18.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 019**Letting Date:** August 4, 2023**Contract ID:** 02041-213408

Description: 3.66 mi of paver placed surface seal, overband crack fill, corrugations and pavement markings on M-28 from Scott Falls Roadside Park easterly to Harborview Road, Alger County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213408A	23A0698	N/A	NH 02041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$108,100.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	1,760.000	Ton
0015	Pavt for Butt Joints, Rem	5010008	2,060.000	Syd
0020	HMA Approach	5010061	280.000	Ton
0025	Overband Crack Fill, Lane	5020003	10.220	Lnmi
0030	Paver Placed Surface Seal, Type C, Warranty	5030041	97,425.000	Syd
0035	Seal, Fog	5050015	12,883.000	Syd
0040	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	4.000	Ea
0045	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	1.000	Ea
0050	Pavt Mrkg, Waterborne, 6 inch, White	8110233	41,800.000	Ft
0055	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	19,985.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	41,800.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	19,985.000	Ft
0070	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	880.000	Ft
0075	Rem Spec Mrkg	8110343	240.000	Sft
0080	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0085	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0095	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0100	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0105	Minor Traf Devices	8120170	1.000	LSUM
0110	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	23,113.000	Ft
0115	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	38,650.000	Ft
0120	Plastic Drum, Fluorescent, Furn	8120252	215.000	Ea
0125	Plastic Drum, Fluorescent, Oper	8120253	215.000	Ea
0130	Raised Pavt Marker, Temp, Type 1, Yellow,	8120281	3,092.000	Ea

	Bidirectional			
0135	Sign Cover	8120310	18.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	427.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	427.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0160	Traf Regulator Control	8120370	1.000	LSUM
0165	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,100.000	Ft
0170	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	3,092.000	Ft
0175	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0180	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0185	Monument Box Adj	8210005	15.000	Ea
0190	Protect Corners	8210020	15.000	Ea
0195	Centerline Corrugations, Milled, HMA	8220013	19,325.000	Ft
0200	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	38,650.000	Ft
0205	Contractor Staking	8240001	1.000	LSUM
0210	Staking Plan Errors and Extras, Max \$180/hour	8240002	12.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230804 020**Letting Date:** August 4, 2023**Contract ID:** 20015-204203

Description: 9.65 mi of hot mix asphalt ultra-thin, micro texture pavement milling, shoulder corrugations and pavement markings on I-75 from north of M-93 northerly to just north of the north Crawford county line, Crawford and Otsego Counties. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204203A	23A0687	N/A	NH 20015

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$230,400.00	1100001	1.000	LSUM
0010	Shld, CI II	3070121	9,500.000	Ton
0015	Micro Texture Pavt Milling	5010101	20,200.000	Syd
0020	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	445,900.000	Syd
0025	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	2.000	Ea
0030	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	1.000	Ea
0035	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0040	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	50.000	Ft
0045	Pavt Mrkg, Waterborne, 6 inch, White	8110233	137,200.000	Ft
0050	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	110,100.000	Ft
0055	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,000.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	110,200.000	Ft
0065	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	110,100.000	Ft
0070	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	7,000.000	Ft
0075	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0080	Pavt Mrkg, Wet Reflective Waterborne, 2nd Application, 6 inch, White	8112001	27,000.000	Ft
0085	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0090	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0095	Minor Traf Devices	8120170	1.000	LSUM
0100	Mobile Attenuator	8120180	1.000	Ea
0105	Plastic Drum, Fluorescent, Furn	8120252	1,200.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	1,200.000	Ea
0115	Sign Cover	8120310	60.000	Ea
0120	Sign, Type A, Temp, Prismatic, Furn	8120340	28.000	Sft
0125	Sign, Type A, Temp, Prismatic, Oper	8120341	28.000	Sft
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	3,400.000	Sft

0135	Sign, Type B, Temp, Prismatic, Oper	8120351	3,400.000	Sft
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	8,200.000	Ft
0145	Speed Radar Trailer, Temp	8122028	2.000	Ea
0150	Freeway Shld Corrugations, Milled, HMA	8222001	203,500.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 230804 021**Letting Date:** August 4, 2023**Contract ID:** 82104-218355-2

Description: Bridge rehabilitation including concrete full depth deck patching, permanent false decking and pavement markings on M-8EB (Davison Freeway) Ramp to I-75 in the city of Highland Park, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218355A	N/A	N/A	M 82104

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$119,400.00	1100001	1.000	LSUM
0010	Project Cleanup	2090001	1.000	LSUM
0015	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0020	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	330.000	Ft
0025	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	65.000	Ft
0030	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	220.000	Ft
0035	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0045	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0055	Ltg for Night Work	8120160	1.000	LSUM
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Mobile Attenuator	8120180	2.000	Ea
0070	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0075	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0080	Sign Cover	8120310	12.000	Ea
0085	Sign Cover, Type I	8120320	5.000	Ea
0090	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0095	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	1,997.000	Sft
0105	Sign, Type B, Temp, Prismatic, Oper	8120351	1,997.000	Sft
0110	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	800.000	Ft

Section: 2

0115	Conc, Low Temperature Protection	7060020	81.000	Cyd
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0120	False Decking	7060060	4,548.000	Sft
0125	Reinforcement, Steel, Epoxy Coated	7060092	5,151.000	Lb
0130	Sealing Localized Cracks (S05 of 82104)	7060220	1.000	LSUM
0135	_ Wood False Decking, Left in Place	7067010	4,548.000	Sft
0140	Patch, Full Depth	7120010	81.000	Cyd
0145	Structures, Rehabilitation, Rem Portions (S05 of 82104)	7120070	1.000	LSUM
0150	Reinforcement, Mechanical Splice	7120084	5,221.000	Ea
0155	Embedded Galvanic Anode	7120120	1,490.000	Ea
0160	Hand Chipping, Full Depth	7122000	2,176.000	Cft



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Schedule of Pay Items

Report v1

Letting Call: 230804 022**Letting Date:** August 4, 2023**Contract ID:** 50111-217645

Description: 171.12 Lnmi of hot mix asphalt crack treatment and overband crack fill of carpool lot on various routes in the cities of Auburn Hills, Detroit, Farmington, Farmington Hills, Mt Clemens, Pontiac, Rochester Hills, and Village of New Haven, Macomb, Oakland and Wayne counties. This project includes 2055 syd of overband crack fill on carpool parking lot ID #950003 on M-19 at I-94. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217645A	23A0692	N/A	NH 50111

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$81,400.00	1100001	1.000	LSUM
0010	HMA Crack Treatment, Lane, Warranty	5020027	155.930	Lnmi
0015	HMA Crack Treatment, Ramp, Warranty	5020028	15.190	Lnmi
0020	_ Overband Crack Fill, Carpool Parking Lot	5027011	2,055.000	Syd
0025	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0035	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	380.000	Ea
0040	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	380.000	Ea
0045	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0055	Ltg for Night Work	8120160	1.000	LSUM
0060	Minor Traf Devices	8120170	1.000	LSUM
0065	Plastic Drum, Fluorescent, Furn	8120252	380.000	Ea
0070	Plastic Drum, Fluorescent, Oper	8120253	380.000	Ea
0075	Sign Cover	8120310	25.000	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	740.000	Sft
0095	Sign, Type B, Temp, Prismatic, Oper	8120351	740.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0105	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0110	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 023**Letting Date:** August 4, 2023**Contract ID:** 38051-209072**Description:** 21.55 mi of non-freeway sign upgrades along M-106 and M-52 in the city of Jackson, Jackson County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209072A	23A0701	N/A	STG 38051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$29,000.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	14.000	Syd
0015	Sidewalk, Conc, 4 inch	8030044	6.000	Sft
0020	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	74.000	Ea
0025	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	144.000	Ea
0030	Fdn, Wood Support, Rem	8100280	12.000	Ea
0035	Installing MDOT Supplied Sign, Type III	8100302	30.000	Ea
0040	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0045	Post, Flexible, Delineator	8100360	75.000	Ea
0050	Post, Rigid, Delineator	8100361	74.000	Ea
0055	Post, Steel, 3 pound	8100371	12,618.000	Ft
0060	Post, Wood, 4 inch by 6 inch	8100380	673.000	Ft
0065	Post, Wood, 6 inch by 8 inch	8100382	168.000	Ft
0070	Sign, Type II, Rem	8100397	75.000	Ea
0075	Sign, Type IIA	8100398	687.000	Sft
0080	Sign, Type IIB	8100399	13.000	Sft
0085	Sign, Type III, Erect, Salv	8100402	28.000	Ea
0090	Sign, Type III, Rem	8100403	613.000	Ea
0095	Sign, Type IIIA	8100404	881.000	Sft
0100	Sign, Type IIIB	8100405	2,359.000	Sft
0105	Sign, Type V, Rem	8100421	12.000	Ea
0110	Sign, Type VA	8100424	14.000	Sft
0115	Sign, Type VB	8100425	510.000	Sft
0120	Reflective Panel for Permanent Sign Support, 3 foot	8100613	66.000	Ea
0125	Reflective Panel for Permanent Sign Support, 6 foot	8100616	270.000	Ea
0130	Sign, Type III, Rem, Salv	8102003	48.000	Ea
0135	Ground Mtd Sign Support, Rem	8102010	784.000	Ea

0140	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0150	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0155	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Plastic Drum, Fluorescent, Furn	8120252	24.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	24.000	Ea
0175	Sign Cover	8120310	10.000	Ea
0180	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0185	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	775.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Contractor Staking	8240001	1.000	LSUM
0210	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230804 024**Letting Date:** August 4, 2023**Contract ID:** 09000-218341

Description: 0.67 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk and ramps and pavement markings on McKinley Avenue from Madison Avenue to Johnson Street in the city of Bay City, Bay County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218341A	23A0668	N/A	STUL 09000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$98,500.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,351.000	Ft
0015	Sidewalk, Rem	2040055	4,337.000	Syd
0020	Embankment, CIP	2050010	41.000	Cyd
0025	Excavation, Earth	2050016	148.000	Cyd
0030	Erosion Control, Inlet Protection, Fabric Drop	2080020	59.000	Ea
0035	Aggregate Base	3020001	17.000	Ton
0040	Aggregate Base, 4 inch	3020010	528.000	Syd
0045	Aggregate Base, 6 inch	3020016	353.000	Syd
0050	Maintenance Gravel	3060020	35.000	Ton
0055	Dr Structure Cover, Adj, Case 1, Modified	4030004	49.000	Ea
0060	_ Dr Structure Cover, Type B, Modified	4037050	9.000	Ea
0065	_ Dr Structure Cover, Type K, Modified	4037050	9.000	Ea
0070	_ Structure Collar, 24 inch, Modified	4037050	24.000	Ea
0075	_ Structure Collar, 48 inch, Modified	4037050	25.000	Ea
0080	HMA Surface, Rem	5010005	10,811.000	Syd
0085	HMA, 4EML	5012025	1,483.000	Ton
0090	HMA, 5EML	5012037	891.000	Ton
0095	Curb and Gutter, Conc, Det F4	8020038	658.000	Ft
0100	Curb Ramp Opening, Conc	8030030	687.000	Ft
0105	_ Dectectable Warning Surface, Modified	8037001	446.000	Ft
0110	_ Curb Ramp, Conc, 6 inch, Modified	8037010	4,206.000	Sft
0115	_ Sidewalk, Conc, 4 inch, Modified	8037010	31,600.000	Sft
0120	_ Sidewalk, Conc, 6 inch, Modified	8037010	4,225.000	Sft
0125	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	299.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	66.000	Ft
0135	Pavt Mrkg, Waterborne, 4 inch, White	8110231	50.000	Ft

0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	789.000	Ft
0145	Pavt Mrkg, Waterborne, 6 inch, White	8110233	50.000	Ft
0150	Pavt Mrkg, Waterborne, 12 inch, White	8110237	12.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	50.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	789.000	Ft
0165	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	50.000	Ft
0170	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	12.000	Ft
0175	Recessing Pavt Mrkg, Longit	8110450	889.000	Ft
0180	Recessing Pavt Mrkg, Transv	8110451	359.000	Sft
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	94.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	94.000	Ea
0195	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0200	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0205	Minor Traf Devices	8120170	1.000	LSUM
0210	Plastic Drum, Fluorescent, Furn	8120252	35.000	Ea
0215	Plastic Drum, Fluorescent, Oper	8120253	35.000	Ea
0220	Sign Cover	8120310	4.000	Ea
0225	Sign, Type B, Temp, Prismatic, Furn	8120350	773.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	773.000	Sft
0235	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	452.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	452.000	Sft
0245	Traf Regulator Control	8120370	1.000	LSUM
0250	_ Turf Establishment, Performance	8167011	6,918.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 025**Letting Date:** August 4, 2023**Contract ID:** 82000-214241**Description:** Installations of speed bumps and signs on select roadways on Trowbridge Avenue at multiple locations in the city of Inkster, Wayne County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
214241A	23A0632	N/A	HSIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$6,600.00	1100001	1.000	LSUM
0010	Post, Steel, 3 pound	8100371	1,440.000	Ft
0015	Sign, Type IIIB	8100405	816.000	Sft
0020	_ Speed Bump	8117050	192.000	Ea
0025	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0030	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0035	Lighted Arrow, Type B, Furn	8120130	1.000	Ea
0040	Lighted Arrow, Type B, Oper	8120131	1.000	Ea
0045	Minor Traf Devices	8120170	1.000	LSUM
0050	Sign, Type B, Temp, Prismatic, Furn	8120350	120.000	Sft
0055	Sign, Type B, Temp, Prismatic, Oper	8120351	120.000	Sft
0060	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230804 026**Letting Date:** August 4, 2023**Contract ID:** 13000-216614

Description: 2.26 mi of hot mix asphalt base crushing, shaping and resurfacing, bridge deck epoxy overlay, sign replacement and pavement markings on 9 Mile Road from B Dr N northward to northernmost G Dr N, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
216614A	23A0642	N/A	HIC 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$200,100.00	1100001	1.000	LSUM
0010	Clearing	2010001	1.000	Acre
0015	Tree, Rem, 19 inch to 36 inch	2020002	11.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	12.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	5.000	Ea
0035	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0040	Curb and Gutter, Rem	2040020	117.000	Ft
0045	Fence, Rem	2040025	222.000	Ft
0050	Guardrail, Rem	2040035	900.000	Ft
0055	Pavt, Rem	2040050	411.000	Syd
0060	Embankment, CIP	2050010	1,548.000	Cyd
0065	Excavation, Earth	2050016	2,745.000	Cyd
0070	Excavation, Rock	2050018	2.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0080	Erosion Control, Silt Fence	2080036	400.000	Ft
0085	Subbase, CIP	3010002	4,712.000	Cyd
0090	Aggregate Base	3020001	6,771.000	Ton
0095	HMA Base Crushing and Shaping	3050002	30,088.000	Syd
0100	Salv Crushed Material, LM	3050015	500.000	Cyd
0105	Maintenance Gravel	3060020	200.000	Ton
0110	Approach, CI I	3070001	128.000	Ton
0115	Trenching	3070200	224.000	Sta
0120	Culv End Sect, Conc, 12 inch	4010047	8.000	Ea
0125	Culv, CI E, 12 inch	4010539	160.000	Ft
0130	Culv, CI F, 12 inch	4010607	30.000	Ft
0135	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea

0140	HMA Surface, Rem	5010005	975.000	Syd
0145	Pavt for Butt Joints, Rem	5010008	913.000	Syd
0150	Edge Trimming	5010009	1,852.000	Ft
0155	HMA Approach	5010061	187.000	Ton
0160	HMA, 4EML	5012025	10,856.000	Ton
0165	Curb and Gutter, Conc, Det B2	8020016	902.000	Ft
0170	Guardrail Anch, Bridge, Det T3	8070024	4.000	Ea
0175	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0180	Guardrail Reflector	8070080	16.000	Ea
0185	Post, Mailbox	8070095	60.000	Ea
0190	Guardrail, Type MGS-8, 72 inch Post	8072179	188.000	Ft
0195	Post, Steel, 3 pound	8100371	952.000	Ft
0200	Sign, Type III, Rem	8100403	27.000	Ea
0205	Sign, Type IIIA	8100404	126.000	Sft
0210	Sign, Type IIIB	8100405	291.000	Sft
0215	Sign, Type V, Rem	8100421	3.000	Ea
0220	Sign, Type VB	8100425	16.000	Sft
0225	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	15,738.000	Ft
0230	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	23,433.000	Ft
0235	Recessing Pavt Mrkg, Transv	8110451	374.000	Sft
0240	Pavt Mrkg, Preformed Thermopl, Bike Thru Arrow Sym	8112015	14.000	Ea
0245	Pavt Mrkg, Preformed Thermopl, Bike Rt Turn Arrow Sym	8112017	1.000	Ea
0250	Pavt Mrkg, Preformed Thermopl, Bike, Small Sym	8112018	16.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0265	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	225.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	225.000	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 NR, Tape, 4 inch, Yellow, Temp	8120264	900.000	Ft
0295	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0300	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	367.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	367.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	77.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	77.000	Sft
0325	Traf Regulator Control	8120370	1.000	LSUM
0330	Slope Restoration, Non-Freeway, Type A	8162001	18,922.000	Syd
0335	Slope Restoration, Non-Freeway, Type B	8162002	1,580.000	Syd
0340	Monument Box	8210001	3.000	Ea
0345	Monument Preservation	8210010	3.000	Ea

Section: 2

0350	Expansion Joint Device	7060050	80.000	Ft
0355	False Decking	7060060	3,000.000	Sft
0360	Reinforcement, Steel, Epoxy Coated	7060092	481.000	Lb
0365	Conc, Grade 4500HP	7062004	6.000	Cyd
0370	Conc Surface Coating	7100011	1,189.000	Syd
0375	Epoxy Ovly	7120020	1,334.000	Syd
0380	Deck Joint, Rem	7120071	80.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 230804 027**Letting Date:** August 4, 2023**Contract ID:** 21000-208209**Description:** 0.77 mi of hot mix asphalt reconstruction and pavement markings on Stephenson Avenue from 9th Avenue to 17th Avenue in the city of Escanaba, Delta County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208209A	23A0671	N/A	STUL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$106,900.00	1100001	1.000	LSUM
0010	Excavation, Earth	2050016	6,400.000	Cyd
0015	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0025	Aggregate Base, 8 inch	3020020	16,200.000	Syd
0030	Dr Structure Cover, Adj, Case 1	4030005	17.000	Ea
0035	HMA Surface, Rem	5010005	10,650.000	Syd
0040	HMA Approach	5010061	250.000	Ton
0045	HMA, 4EL	5012024	1,268.000	Ton
0050	HMA, 5EL	5012036	1,268.000	Ton
0055	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0065	Minor Traf Devices	8120170	1.000	LSUM
0070	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0075	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0080	Traf Regulator Control	8120370	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 230804 028

Letting Date: August 4, 2023

Contract ID: 33000-205866

Description: 1.48 mi of hot mix asphalt rehabilitation with the addition of bike lanes, traffic signal modernization at the following 5 intersections and pavement markings on Michigan Avenue from Pennsylvania Avenue to Clemens Avenue in the city of Lansing, Ingham County. This project includes a 1 year local agency warranty. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205866A	23A0636	N/A	STU 33000
208367A	23A0621	N/A	CRU 33000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Audio Visual Filming	1047051	1.000	LSUM
0010	Mobilization, Max \$750,000.00	1100001	1.000	LSUM
0015	Tree, Rem, 19 inch to 36 inch	2020002	29.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	82.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0035	Stump, Rem, 6 inch to 18 inch	2020008	13.000	Ea
0040	Dr Structure, Rem	2030011	150.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	6,766.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	291.000	Ft
0055	Curb and Gutter, Rem	2040020	15,667.000	Ft
0060	Masonry and Conc Structure, Rem	2040045	50.000	Cyd
0065	Sidewalk, Rem	2040055	20,014.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0075	_ Pavt, Rem, Modified	2047011	46,300.000	Syd
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0085	Subgrade Undercutting, Type II	2050041	800.000	Cyd
0090	_ Machine Grading, Modified	2057002	77.000	Sta
0095	_ Erosion Control, Inlet Protection, Fabric Drop, Modified	2087050	96.000	Ea
0100	_ Street Sweeping	2087050	50.000	Ea
0105	Project Cleanup	2090001	1.000	LSUM
0110	Subbase, CIP	3010002	15,666.000	Cyd
0115	Aggregate Base, 10 inch	3020026	34,564.000	Syd
0120	_ Aggregate Base, 7.5 inch	3027011	5,395.000	Syd

0125	Video Taping Sewer and Culv Pipe	4021275	6,907.000	Ft
0130	_ Sewer, CI A, 12 inch, Tr Det B, Modified	4027001	2,649.000	Ft
0135	_ Sewer, CI A, 15 inch, Tr Det B, Modified	4027001	1,051.000	Ft
0140	_ Sewer, CI A, 18 inch, Tr Det B, Modified	4027001	64.000	Ft
0145	_ Sewer, CI A, 24 inch, Tr Det B, Modified	4027001	35.000	Ft
0150	_ Sewer, CI A, 30 inch, Tr Det B, Modified	4027001	227.000	Ft
0155	_ Sewer, CI A, 48 inch, Tr Det B, Modified	4027001	35.000	Ft
0160	_ Sewer, CI A, 6 inch, Tr Det B, Modified	4027001	33.000	Ft
0165	_ Sewer, Service Lateral, 6 inch, Tr Det B	4027001	100.000	Ft
0170	_ Cored Opening, 6 inch	4027050	5.000	Ea
0175	_ Utility Location Investigation	4027050	5.000	Ea
0180	Dr Structure Cover, Adj, Case 1	4030005	115.000	Ea
0185	Dr Structure Cover, Type C	4030015	7.000	Ea
0190	Dr Structure Cover, Type G	4030040	12.000	Ea
0195	Dr Structure Cover, Type K	4030050	66.000	Ea
0200	Dr Structure, 24 inch dia	4030200	12.000	Ea
0205	Dr Structure, 48 inch dia	4030210	89.000	Ea
0210	Dr Structure, 60 inch dia	4030220	9.000	Ea
0215	Dr Structure, 72 inch dia	4030230	2.000	Ea
0220	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	17.000	Ft
0225	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	21.000	Ft
0230	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	5.000	Ft
0235	Dr Structure, Cleaning	4030290	27.000	Ea
0240	Dr Structure, Tap, 8 inch	4030308	5.000	Ea
0245	Dr Structure, Tap, 12 inch	4030312	5.000	Ea
0250	Dr Structure, Temp Lowering	4030390	43.000	Ea
0255	Drop Inlet, Type 1	4030395	1.000	Ea
0260	_ Dr Structure Cover, Modified	4037050	127.000	Ea
0265	_ Dr Structure, 12 inch Dia, HDPE	4037050	18.000	Ea
0270	_ Dr Structure, Reconst	4037050	2.000	Ea
0275	_ Sanitary Structure, 48 inch dia	4037050	31.000	Ea
0280	Underdrain, Subbase, 6 inch	4040063	1,409.000	Ft
0285	Hand Patching	5010025	50.000	Ton
0290	HMA Approach	5010061	2,593.000	Ton
0295	HMA, 3EML	5012013	4,381.000	Ton
0300	HMA, 4EML	5012025	2,928.000	Ton
0305	HMA, 5EML	5012037	3,375.000	Ton
0310	_ Cold Milling HMA Surface, 2 inch	5017011	15,000.000	Syd
0315	Conc Base Cse, Nonreinf, 8 inch	6020019	1,046.000	Syd
0320	Conc Pavt, Nonreinf, 7 1/2 inch	6020103	2,513.000	Syd
0325	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0330	Driveway, Nonreinf Conc, 6 inch	8010005	1,789.000	Syd

0335	Curb and Gutter, Conc, Det F4	8020038	8,880.000	Ft
0340	Driveway Opening, Conc, Det M	8020050	2,697.000	Ft
0345	_ Curb and Gutter, Conc, Modified, Inverted	8027001	4,338.000	Ft
0350	_ Curb and Gutter, Conc, Modified, Valley	8027001	4,770.000	Ft
0355	_ Curb, Conc, Det E4, Modified	8027001	1,385.000	Ft
0360	Curb Ramp Opening, Conc	8030030	1,260.000	Ft
0365	Sidewalk, Conc, 4 inch	8030044	169,455.000	Sft
0370	Sidewalk, Conc, 6 inch	8030046	15,730.000	Sft
0375	Curb Ramp, Conc, 6 inch	8032002	22,840.000	Sft
0380	_ Detectable Warning Surface, Modified	8037001	530.000	Ft
0385	_ Sidewalk, Conc, 6 inch, Colored	8037010	45,986.000	Sft
0390	_ Stamped Concrete Surface	8037010	13,754.000	Sft
0395	Fence, Protective	8080007	500.000	Ft
0400	Sign, Type IIIB	8100405	30.000	Sft
0405	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	3,229.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,160.000	Ft
0415	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	1.000	Ea
0420	Pavt Mrkg, Ovly Cold Plastic, Bike, Large Sym	8110057	8.000	Ea
0425	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	71.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, Bus	8110059	1.000	Ea
0435	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	15.000	Ea
0440	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	1.000	Ea
0445	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0450	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0455	Pavt Mrkg, Ovly Cold Plastic, Sharrow Sym	8110079	6.000	Ea
0460	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	670.000	Ft
0465	Pavt Mrkg, Polyurea, 6 inch, White	8110094	2,894.000	Ft
0470	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	154.000	Ft
0475	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	434.000	Ft
0480	Pavt Mrkg, Waterborne, 4 inch, White	8110231	10,016.000	Ft
0485	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	26,378.000	Ft
0490	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	10,016.000	Ft
0495	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	16,532.000	Ft
0500	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	71.000	Ea
0505	_ Pavt Mrkg, Waterborne, 12 inch, Green	8117001	3,235.000	Ft
0510	_ Pavt Mrkg, Waterborne, 4 inch, Yellow, Cross Hatching	8117001	375.000	Ft
0515	_ Pavt Mrkg, Waterborne, Green, Bike Box	8117010	285.000	Sft
0520	_ Pavt Mrkg, Waterborne, Red, Bus Box	8117010	1,161.000	Sft
0525	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	160.000	Ea
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	160.000	Ea
0535	Pedestrian Type II Barricade, Temp	8120026	136.000	Ea
0540	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
0545	Lighted Arrow, Type A, Oper	8120121	2.000	Ea

0550	Minor Traf Devices	8120170	1.000	LSUM
0555	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,000.000	Ft
0560	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0565	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0570	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0575	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0580	Sign, Type B, Temp, Prismatic, Furn	8120350	1,752.000	Sft
0585	Sign, Type B, Temp, Prismatic, Oper	8120351	1,752.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0595	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0600	Traf Regulator Control	8120370	1.000	LSUM
0605	Watering and Cultivating, First Season, Min \$10,000	8150002	1.000	LSUM
0610	Watering and Cultivating, 2nd Season, Min \$10,000	8150003	1.000	LSUM
0615	_ Pour-in-Place Permeable Surface	8157010	4,175.000	Sft
0620	_ Betula Nigra `Cullyz, Heritage Birch, 3 inch B&B	8157050	58.000	Ea
0625	_ Ginkgo Biloba 'Princeton Sentry', Princeton Sentry Ginkgo, 3 inch B&B	8157050	58.000	Ea
0630	_ Gleditsia Triacanthos 'Draves', Street Keeper Honeylocust, 3 inch B&B	8157050	58.000	Ea
0635	_ Gleditsia Triacanthos 'Skycole', Skyline Honeylocust, 3 inch B&B	8157050	58.000	Ea
0640	_ Liquidambar Styraciflua 'Rotundiloba', Rotundiloba Sweetgum, 3 inch, B&B	8157050	58.000	Ea
0645	_ Storm Water Infiltration Basin	8167001	1,800.000	Ft
0650	_ Storm Water Infiltration Basin, Curbed	8167001	603.000	Ft
0655	_ Turf Establishment, Performance	8167011	8,664.000	Syd
0660	Power Company (Estimated Cost to Contractor)	8180001	2,500.000	Dlr
0665	Conduit, Directional Bore, 2, 3 inch	8182037	340.000	Ft
0670	Conduit, DB, 1, 1 1/2 inch	8182048	680.000	Ft
0675	Conduit, DB, 3, 3 inch	8182056	210.000	Ft
0680	Conduit, DB, 4, 3 inch	8182059	55.000	Ft
0685	Cable Pole, TS, Dismant	8182210	3.000	Ea
0690	Cable, Sec, 600V, 1, 3/C#6	8182238	750.000	Ft
0695	Hh, Round	8182310	15.000	Ea
0700	Hh, Round, 3 foot dia	8182319	5.000	Ea
0705	Serv Disconnect	8182366	5.000	Ea
0710	Case Sign, Rem	8200020	5.000	Ea
0715	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	12.000	Ea
0720	Controller and Cabinet, Rem	8200030	5.000	Ea
0725	Controller Fdn, Base Mtd	8200045	5.000	Ea
0730	Fdn, Rem	8200065	11.000	Ea
0735	Pedestal, Alum	8200100	22.000	Ea
0740	Pedestal, Fdn	8200105	24.000	Ea
0745	Pedestal Fdn, Rem	8200106	8.000	Ea
0750	Pedestal, Rem	8200110	8.000	Ea
0755	Pedestal, Pushbutton, Alum	8200118	2.000	Ea

0760	Pushbutton, Rem	8200122	24.000	Ea
0765	Push Button Station and Sign	8200128	38.000	Ea
0770	Span Wire	8200140	20.000	Ea
0775	Span Wire, Rem	8200141	5.000	Ea
0780	Steel Pole, Rem	8200145	11.000	Ea
0785	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	12.000	Ea
0790	TS, Pedestrian, Pedestal Mtd, Rem	8200181	8.000	Ea
0795	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
0800	Cabinet, NEMA Type	8200186	5.000	Ea
0805	Pedestrian Signal System, Accessible	8200240	5.000	Ea
0810	TS, Wireless Link, Rem	8200280	5.000	Ea
0815	TS, Wireless Link, Salv	8200281	5.000	Ea
0820	TS, One Way Span Wire Mtd (LED)	8200313	40.000	Ea
0825	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0830	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	16.000	Ea
0835	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	22.000	Ea
0840	Bracket, Truss, with 18 foot Arm	8200378	3.000	Ea
0845	Bracket, Truss, Salv	8200385	4.000	Ea
0850	Bracket, Truss, Rem	8200388	4.000	Ea
0855	Wireless Vehicle Detection System	8200422	1.000	Ea
0860	Wireless Vehicle Detection System, Rem	8200423	4.000	Ea
0865	Wireless Vehicle Sensor Node	8200425	4.000	Ea
0870	Wireless Vehicle Sensor Node, Rem	8200426	10.000	Ea
0875	Hemispherical Video Detection Camera	8200444	4.000	Ea
0880	Hemispherical Video Detection System	8200445	4.000	Ea
0885	Junction Box, Rem	8200457	5.000	Ea
0890	Strain Pole, Steel, 6 bolt, 30 foot	8200460	20.000	Ea
0895	Strain Pole Fdn, 6 Bolt	8200470	241.000	Ft
0900	Casing	8200480	105.000	Ft
0905	_ Controller, NEMA, ATC Type	8207050	5.000	Ea
0910	_ Optical Detector Sensor, Rem	8207050	10.000	Ea
0915	_ Optical Detector System, Rem	8207050	5.000	Ea
0920	_ Optical Detector, Two Way, Two Channel, Salv	8207050	10.000	Ea
0925	_ Optical Priority Control System	8207050	5.000	Ea
0930	Water Shutoff, Adj, Temp, Case 2	8230382	97.000	Ea
0935	Gate Box, Adj, Temp, Case 2	8230392	34.000	Ea
0940	Water Shutoff, Adj, Case 2	8230422	97.000	Ea
0945	Gate Box, Adj, Case 1	8230431	5.000	Ea
0950	Gate Box, Adj, Case 2	8230432	34.000	Ea
0955	_ Water Main, 6 inch, Abandon and Fill	8237001	6,334.000	Ft
0960	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	3,077.000	Ft
0965	_ Water Main, DI, 16 inch, Tr Det G, Modified	8237001	632.000	Ft
0970	_ Water Main, DI, 16 inch, Tr Det G, Modified, Installed	8237001	3,000.000	Ft

0975	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	39.000	Ft
0980	_ Water Main, DI, 4 inch, Tr Det G, Modified, Installed	8237001	40.000	Ft
0985	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	761.000	Ft
0990	_ Water Main, DI, 6 inch, Tr Det G, Modified, Installed	8237001	180.000	Ft
0995	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	548.000	Ft
1000	_ Water Main, DI, 8 inch, Tr Det G, Modified, Installed	8237001	1,160.000	Ft
1005	_ Water Service, 1 inch	8237001	11.000	Ft
1010	_ Water Service, 1 inch, Installed	8237001	360.000	Ft
1015	_ Water Service, 1.25 inch	8237001	129.000	Ft
1020	_ Water Service, 1.5 inch, Installed	8237001	15.000	Ft
1025	_ Water Service, 2 inch	8237001	239.000	Ft
1030	_ Water Service, 2 inch, Installed	8237001	60.000	Ft
1035	_ Water Service, 3/4 inch, Installed	8237001	231.000	Ft
1040	_ Fire Hydrant, Excavation and Backfill	8237050	17.000	Ea
1045	_ Fire Hydrant, Rem	8237050	18.000	Ea
1050	_ Fire Hydrant, Valve Assembly	8237050	17.000	Ea
1055	_ Gate Valve and Box, 12 inch, Modified	8237050	1.000	Ea
1060	_ Gate Valve and Box, 12 inch, Modified, Installed	8237050	4.000	Ea
1065	_ Gate Valve and Box, 16 inch, Modified	8237050	1.000	Ea
1070	_ Gate Valve and Box, 16 inch, Modified, Installed	8237050	7.000	Ea
1075	_ Gate Valve and Box, 6 inch, Modified, Installed	8237050	1.000	Ea
1080	_ Gate Valve and Box, 8 inch, Modified	8237050	2.000	Ea
1085	_ Gate Valve and Box, 8 inch, Modified, Installed	8237050	26.000	Ea
1090	_ Water Main Fitting, 12 inch x 6 inch, Tee, Installed	8237050	3.000	Ea
1095	_ Water Main Fitting, 12 inch x 8 inch, Cross	8237050	2.000	Ea
1100	_ Water Main Fitting, 12 inch x 8 inch, Tee	8237050	1.000	Ea
1105	_ Water Main Fitting, 12 inch x 8 inch, Tee, Installed	8237050	10.000	Ea
1110	_ Water Main Fitting, 12 inch, 22.5 Deg Bend	8237050	2.000	Ea
1115	_ Water Main Fitting, 12 inch, 45 Deg Bend	8237050	16.000	Ea
1120	_ Water Main Fitting, 12 inch, 45 Deg Bend, Installed	8237050	4.000	Ea
1125	_ Water Main Fitting, 12 inch, Sleeve, Installed	8237050	6.000	Ea
1130	_ Water Main Fitting, 16 inch x 12 inch Reducer, Installed	8237050	2.000	Ea
1135	_ Water Main Fitting, 16 inch x 16 inch, Cross	8237050	2.000	Ea
1140	_ Water Main Fitting, 16 inch x 16 inch, Tee, Installed	8237050	2.000	Ea
1145	_ Water Main Fitting, 16 inch x 6 inch, Tee	8237050	1.000	Ea
1150	_ Water Main Fitting, 16 inch x 6 inch, Tee, Installed	8237050	1.000	Ea
1155	_ Water Main Fitting, 16 inch x 8 inch Reducer, Installed	8237050	1.000	Ea
1160	_ Water Main Fitting, 16 inch x 8 inch, Cross	8237050	1.000	Ea
1165	_ Water Main Fitting, 16 inch x 8 inch, Tee	8237050	2.000	Ea
1170	_ Water Main Fitting, 16 inch x 8 inch, Tee, Installed	8237050	9.000	Ea
1175	_ Water Main Fitting, 16 inch, 45 Deg Bend	8237050	18.000	Ea
1180	_ Water Main Fitting, 16 inch, 45 Deg Bend, Installed	8237050	5.000	Ea
1185	_ Water Main Fitting, 16 inch, Cap Off, Installed	8237050	2.000	Ea

1190	_ Water Main Fitting, 16 inch, Sleeve, Installed	8237050	10.000	Ea
1195	_ Water Main Fitting, 4 inch, 45 Deg Bend, Installed	8237050	5.000	Ea
1200	_ Water Main Fitting, 4 inch, Cap Off, Installed	8237050	3.000	Ea
1205	_ Water Main Fitting, 4 inch, Sleeve, Installed	8237050	3.000	Ea
1210	_ Water Main Fitting, 6 inch, 45 Deg Bend	8237050	5.000	Ea
1215	_ Water Main Fitting, 6 inch, 45 Deg Bend, Installed	8237050	46.000	Ea
1220	_ Water Main Fitting, 6 inch, Cap Off	8237050	10.000	Ea
1225	_ Water Main Fitting, 6 inch, Cap Off, Installed	8237050	23.000	Ea
1230	_ Water Main Fitting, 6 inch, Sleeve, Installed	8237050	27.000	Ea
1235	_ Water Main Fitting, 8 inch x 4 inch Reducer	8237050	1.000	Ea
1240	_ Water Main Fitting, 8 inch x 4 inch Reducer, Installed	8237050	2.000	Ea
1245	_ Water Main Fitting, 8 inch x 4 inch, Tee, Installed	8237050	1.000	Ea
1250	_ Water Main Fitting, 8 inch x 6 inch Reducer	8237050	1.000	Ea
1255	_ Water Main Fitting, 8 inch x 6 inch Reducer, Installed	8237050	24.000	Ea
1260	_ Water Main Fitting, 8 inch x 6 inch, Tee	8237050	4.000	Ea
1265	_ Water Main Fitting, 8 inch x 6 inch, Tee, Installed	8237050	10.000	Ea
1270	_ Water Main Fitting, 8 inch, 45 Deg Bend	8237050	18.000	Ea
1275	_ Water Main Fitting, 8 inch, 45 Deg Bend, Installed	8237050	4.000	Ea
1280	_ Water Main Fitting, 8 inch, Cap Off	8237050	1.000	Ea
1285	_ Water Main Fitting, 8 inch, Cap Off, Installed	8237050	1.000	Ea
1290	_ Water Main Fitting, 8 inch, Sleeve	8237050	4.000	Ea
1295	_ Water Main Fitting, 8 inch, Sleeve, Installed	8237050	2.000	Ea
1300	_ Water Main, Connect To Existing	8237050	33.000	Ea
1305	_ Water Main, MJ Environmental Joint, 12 inch	8237050	17.000	Ea
1310	_ Water Main, MJ Environmental Joint, 16 inch	8237050	49.000	Ea
1315	_ Water Main, MJ Environmental Joint, 6 inch	8237050	56.000	Ea
1320	_ Water Main, MJ Environmental Joint, 8 inch	8237050	30.000	Ea
1325	_ Water Main, RSJ Environmental Joint, 12 inch	8237050	4.000	Ea
1330	_ Water Main, RSJ Environmental Joint, 16 inch	8237050	6.000	Ea
1335	_ Water Main, RSJ Environmental Joint, 6 inch	8237050	4.000	Ea
1340	_ Water Main, RSJ Environmental Joint, 8 inch	8237050	21.000	Ea
1345	_ Water Main, SJ Environmental Joint, 12 inch	8237050	35.000	Ea
1350	_ Water Main, SJ Environmental Joint, 16 inch	8237050	43.000	Ea
1355	_ Water Main, SJ Environmental Joint, 6 inch	8237050	4.000	Ea
1360	_ Water Main, SJ Environmental Joint, 8 inch	8237050	4.000	Ea
1365	_ Water Main, Trench Dam	8237050	15.000	Ea
1370	_ Water Service, Main Connection, 1 inch	8237050	33.000	Ea
1375	_ Water Service, Main Connection, 1 inch, Installed	8237050	33.000	Ea
1380	_ Water Service, Main Connection, 1.25 inch	8237050	10.000	Ea
1385	_ Water Service, Main Connection, 1.5 inch	8237050	3.000	Ea
1390	_ Water Service, Main Connection, 2 inch	8237050	6.000	Ea
1395	_ Water Service, Main Connection, 2 inch, Installed	8237050	2.000	Ea
1400	_ Water Service, Main Connection, 3/4 inch	8237050	39.000	Ea
1405	_ Water Service, Main Connection, 3/4 inch, Installed	8237050	40.000	Ea
1410	_ Sanitary Sewer, CI A, 10 inch, Tr Det B	8257001	332.000	Ft

1415	_ Sanitary Sewer, CI A, 12 inch, Tr Det B	8257001	825.000	Ft
1420	_ Sanitary Sewer, CI A, 15 inch, Tr Det B	8257001	854.000	Ft
1425	_ Sanitary Sewer, CI A, 8 inch, Tr Det B	8257001	856.000	Ft
1430	_ Sanitary Sewer, Lateral Service, CI A, 6 inch	8257001	1,609.000	Ft
1435	_ Sanitary Sewer, Spot Repair, CI A, 10 inch	8257001	20.000	Ft
1440	_ Sanitary Sewer, Spot Repair, CI A, 12 inch	8257001	10.000	Ft
1445	_ Sanitary Sewer, Spot Repair, CI A, 30 inch	8257001	10.000	Ft
1450	_ Sanitary Sewer, Spot Repair, CI A, 8 inch	8257001	35.000	Ft
1455	_ Sanitary Sewer, Spot Repair, CI A, 15 inch	8257050	40.000	Ea
1460	_ Sanitary Sewer, Wye Branch Connector, 10 inch x 6 inch	8257050	11.000	Ea
1465	_ Sanitary Sewer, Wye Branch Connector, 12 inch x 6 inch	8257050	13.000	Ea
1470	_ Sanitary Sewer, Wye Branch Connector, 15 inch x 6 inch	8257050	31.000	Ea
1475	_ Sanitary Sewer, Wye Branch Connector, 8 inch x 6 inch	8257050	17.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 029**Letting Date:** August 4, 2023**Contract ID:** 08000-218469

Description: 0.25 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter and pavement markings on State Road from Glenwood Drive to Broadway Avenue (M-37) in the city of Hastings, Barry County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
218469A	23A0620	N/A	STUL 08000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$28,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	800.000	Ft
0015	Pavt, Rem	2040050	19.000	Syd
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0025	Dr Structure Cover, Adj, Case 1	4030005	9.000	Ea
0030	Dr Structure Cover, Type K	4030050	6.000	Ea
0035	Cold Milling HMA Surface	5010002	6,881.000	Syd
0040	Hand Patching	5010025	8.000	Ton
0045	HMA, 3C	5010031	757.000	Ton
0050	HMA, 4C	5010032	757.000	Ton
0055	Driveway, Nonreinf Conc, 6 inch	8010005	19.000	Syd
0060	Curb and Gutter, Conc, Det F4	8020038	800.000	Ft
0065	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	25.000	Ft
0070	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	6.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	1.000	Ea
0085	Pavt Mrkg, Ovly Cold Plastic, Sharrow Sym	8110079	1.000	Ea
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,165.000	Ft
0095	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,250.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	6.000	Ea
0105	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0115	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0135	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	500.000	Ft
0145	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,404.000	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	300.000	Sft
0165	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Non-Freeway, Type A	8162001	234.000	Syd
0180	Gate Box, Adj, Case 1	8230431	5.000	Ea
0185	Sanitary Structure Cover, Adj, Case 1	8252145	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 030**Letting Date:** August 4, 2023**Contract ID:** 13000-218302**Description:** 1.34 mi of hot mix asphalt cold milling and resurfacing, trenching and pavement markings on Harmonia Road from Evergreen Road to M-37 (Helmer Road) in the city of Springfield, Calhoun County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
218302A	23A0678	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$55,200.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	60.000	Ft
0015	Excavation, Earth	2050016	18.000	Cyd
0020	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0030	Erosion Control, Silt Fence	2080036	100.000	Ft
0035	Subbase, CIP	3010002	450.000	Cyd
0040	Aggregate Base, 6 inch	3020016	105.000	Syd
0045	Aggregate Base, 8 inch	3020020	1,300.000	Syd
0050	Aggregate Surface Cse, 6 inch	3060010	130.000	Syd
0055	Maintenance Gravel, LM	3060021	30.000	Cyd
0060	Trenching	3070200	53.000	Sta
0065	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0070	Dr Structure Cover, Type Q	4030065	1.000	Ea
0075	Cold Milling HMA Surface	5010002	20,350.000	Syd
0080	HMA Surface, Rem	5010005	105.000	Syd
0085	Hand Patching	5010025	160.000	Ton
0090	HMA Approach	5010061	30.000	Ton
0095	HMA, 4EL	5012024	3,175.000	Ton
0100	Curb Slp, HMA	8050010	1,410.000	Ft
0105	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0110	Post, Mailbox	8070095	1.000	Ea
0115	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,200.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,100.000	Ft
0125	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	14,200.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,100.000	Ft
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea

0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	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	Sign Cover	8120310	5.000	Ea
0175	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	40.000	Sft
0190	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	40.000	Sft
0195	Traf Regulator Control	8120370	1.000	LSUM
0200	_ Turf Restoration	8167011	8,000.000	Syd
0205	Monument Box	8210001	1.000	Ea
0210	Monument Box Adj	8210005	1.000	Ea
0215	Monument Preservation	8210010	3.000	Ea
0220	Gate Box, Adj, Case 1	8230431	2.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 031**Letting Date:** August 4, 2023**Contract ID:** 50000-212278**Description:** Bridge replacement including 48-inch prestressed concrete bulb tee beams and approach work on New Haven Road over the Salt River, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212278A	23A0629	N/A	HIPB 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$374,000.00	1100001	1.000	LSUM
0010	Stump, Rem, 19 inch to 36 inch	2020006	2.000	Ea
0015	Stump, Rem, 6 inch to 18 inch	2020008	31.000	Ea
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0030	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0035	Dr Structure, Rem	2030011	2.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	207.000	Ft
0045	Sewer, Rem, 24 inch to 48 inch	2030016	10.000	Ft
0050	Sewer, Rem, Over 48 inch	2030017	224.000	Ft
0055	Fence, Rem	2040025	9.000	Ft
0060	Guardrail, Rem	2040035	399.000	Ft
0065	_ Pavt, Rem, Modified	2047011	3,654.000	Syd
0070	_ Station Grading	2057002	14.000	Sta
0075	_ Subgrade Undercutting, Special, 21AA	2057021	600.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0085	Erosion Control, Silt Fence	2080036	2,750.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	_ Aggregate Base, 16 inch, Modified	3027011	8,576.000	Syd
0100	_ Aggregate Base, 6 inch, Modified	3027011	100.000	Syd
0105	_ Shld, CI II, 9 inch, Modified	3077011	705.000	Syd
0110	Geotextile, Stabilization	3080010	9,181.000	Syd
0115	Culv End Sect, Conc, 18 inch	4010049	3.000	Ea
0120	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0125	Culv End Sect, Conc, 54 inch	4010056	1.000	Ea
0130	Culv, CI E, 18 inch	4010541	25.000	Ft
0135	Culv, CI E, 24 inch	4010542	47.000	Ft
0140	Culv, Downspout, 12 inch	4010795	26.000	Ft

0145	Culv, Outlet Headwall, 12 inch	4012000	2.000	Ea
0150	Sewer, CI IV, 15 inch, Tr Det B	4020988	48.000	Ft
0155	Sewer, CI IV, 18 inch, Tr Det B	4020989	161.000	Ft
0160	Sewer, CI IV, 24 inch, Tr Det B	4020993	57.000	Ft
0165	Sewer, CI IV, 54 inch, Tr Det B	4020998	226.000	Ft
0170	Sewer Tap, 24 inch	4021207	1.000	Ea
0175	Sewer Tap, 54 inch	4021212	1.000	Ea
0180	_ Sewer Special	4027001	100.000	Ft
0185	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0190	Dr Structure Cover, Type B	4030010	2.000	Ea
0195	Dr Structure Cover, Type C	4030015	4.000	Ea
0200	Dr Structure, 48 inch dia	4030210	3.000	Ea
0205	Dr Structure, 84 inch dia	4030231	2.000	Ea
0210	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	13.000	Ft
0215	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	7.000	Ft
0220	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0225	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0230	Joint, Contraction, Cp	6020200	1,800.000	Ft
0235	Joint, Contraction, C3p	6020201	1,356.000	Ft
0240	Joint, Expansion, E2	6020207	144.000	Ft
0245	Joint, Expansion, E3	6020208	144.000	Ft
0250	Joint, Expansion, E4	6020209	90.000	Ft
0255	_ Curb and Gutter, Bridge Approach, Det 5, Modified	6027001	133.000	Ft
0260	_ Curb and Gutter, Bridge Approach, Det 7, Modified	6027001	67.000	Ft
0265	_ Conc Pavt, Bridge Approach, Reinf, Modified	6027011	160.000	Syd
0270	_ Conc Pavt, Nonreinf, 9 inch, Modified	6027011	5,731.000	Syd
0275	_ Driveway, Nonreinf Conc, 7 inch, Modified	8017011	100.000	Syd
0280	Downspout Header, Conc	8020070	2.000	Ea
0285	_ Curb and Gutter, Conc, Det D1, Modified	8027001	385.000	Ft
0290	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0295	Guardrail Reflector	8070080	32.000	Ea
0300	Post, Mailbox	8070095	2.000	Ea
0305	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0310	Guardrail, Curved, Type MGS-8, 108 inch Post	8072146	25.000	Ft
0315	Guardrail, Type MGS-8, 108 inch Post	8072180	576.000	Ft
0320	_ Guardrail Departing Terminal, Type MGS, Curved, Modified	8077050	1.000	Ea
0325	Fence, Chain Link, 72 inch	8080013	9.000	Ft
0330	Post, Steel, 3 pound	8100371	235.000	Ft
0335	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0340	Sign, Type III, Rem	8100403	15.000	Ea
0345	Sign, Type IIIA	8100404	18.000	Sft
0350	Sign, Type IIIB	8100405	95.000	Sft
0355	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea

0360	Sign, Type III, Rem, Salv	8102003	2.000	Ea
0365	Ground Mtd Sign Support, Rem	8102010	14.000	Ea
0370	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	732.000	Ft
0375	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	43.000	Ft
0380	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	25.000	Ft
0385	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	2,340.000	Ft
0390	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,283.000	Ft
0395	Recessing Pavt Mrkg, Longit	8110450	4,623.000	Ft
0400	Recessing Pavt Mrkg, Transv	8110451	72.000	Sft
0405	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	8112114	141.000	Ft
0410	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	2,283.000	Ft
0415	Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	8112117	2,199.000	Ft
0420	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	14.000	Ea
0425	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	14.000	Ea
0430	Minor Traf Devices	8120170	1.000	LSUM
0435	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	141.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	2,199.000	Ft
0445	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0450	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0455	Sign, Type B, Temp, Prismatic, Furn	8120350	455.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	455.000	Sft
0465	Traf Regulator Control	8120370	1.000	LSUM
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,283.000	Ft
0475	_ Riprap, Plain, Modified	8137011	70.000	Syd
0480	_ Turf Establishment	8167011	7,500.000	Syd

Section: 2

0485	Structures, Rem (Str 6277 of 50000)	2040060	1.000	LSUM
0490	Backfill, Structure, CIP	2060002	946.000	Cyd
0495	Excavation, Fdn	2060010	2,392.000	Cyd
0500	Erosion Control, Filter Bag	2080014	2.000	Ea
0505	Erosion Control, Gravel Filter Berm	2080018	100.000	Ft
0510	Erosion Control, Turbidity Curtain, Deep	2080042	260.000	Ft
0515	_ Aggregate Base, 36 inch, Modified	3027011	165.000	Syd
0520	Underdrain, Fdn, 4 inch	4040031	550.000	Ft
0525	Underdrain Outlet, 4 inch	4040091	80.000	Ft
0530	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0535	Steel Sheet Piling, Permanent	7040001	11,184.000	Sft
0540	Cofferdams (Str 6277 of 50000)	7040007	1.000	LSUM
0545	Bridge Ltg, Furn and Rem (Str 6277 of 50000)	7060001	1.000	LSUM
0550	Bridge Ltg, Oper and Maintain	7060002	166.000	Cyd

0555	Expansion Joint Device	7060050	41.000	Ft
0560	False Decking	7060060	7,499.000	Sft
0565	Reinforcement, Steel, Epoxy Coated	7060092	73,716.000	Lb
0570	Superstructure Conc, Form, Finish, and Cure (Str 6277 of 50000)	7060111	1.000	LSUM
0575	Superstructure Conc, Form, Finish, and Cure, Night Casting (Str 6277 of 50000)	7060112	1.000	LSUM
0580	Water Repellent Treatment, Penetrating	7060140	188.000	Syd
0585	Sealing Localized Cracks (Str 6277 of 50000)	7060220	1.000	LSUM
0590	_ Conc, Grade 3500, Modified	7067021	173.000	Cyd
0595	_ Substructure Conc, Modified	7067021	325.000	Cyd
0600	_ Superstructure Conc, Modified	7067021	10.000	Cyd
0605	_ Superstructure Conc, Night Casting, Modified	7067021	166.000	Cyd
0610	Bearing, Elastomeric, 3 1/4 inch	7070021	6,216.000	Sin
0615	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,251.000	Lb
0620	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,251.000	Lb
0625	Prest Conc Bulb-Tee Beam, Furn, 42 inch by 49 inch	7080115	540.000	Ft
0630	Prest Conc Bulb-Tee Beam, Erect, 42 inch by 49 inch	7080116	540.000	Ft
0635	Joint Waterproofing	7100001	78.000	Sft
0640	Joint Waterproofing, Expansion	7100003	185.000	Sft
0645	_ Conc Surface Coating, Modified (Str 6277 of 50000)	7107051	1.000	LSUM
0650	_ Bridge Railing, Aesthetic Parapet Tube, Modified	7117001	184.000	Ft
0655	Permanent Casing	7180110	270.000	Ft
0660	_ Crosshole Sonic Logging Access Tube	7187001	2,880.000	Ft
0665	_ Drilled Shaft, Std, 36 inch	7187001	396.000	Ft
0670	_ Drilled Shaft, Std, 42 inch	7187001	270.000	Ft
0675	_ Crosshole Sonic Log Testing	7187050	18.000	Ea
0680	_ Drilled Shaft Equipment, Furn, Spec (Str 6277 of 5000)	7187051	1.000	LSUM
0685	_ Obstruction Rem, Spec	7187060	10,000.000	Dlr
0690	_ Riprap, Heavy, Modified	8137011	586.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 032**Letting Date:** August 4, 2023**Contract ID:** 25000-215969

Description: 0.43 mi adding a center left turn lane including hot mix asphalt cold mill and resurface, concrete curb, gutter and pavement markings on Saginaw Road from McCandlish Road to Charring Cross Drive, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215969A	23A0652	N/A	HSIP 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$73,900.00	1100001	1.000	LSUM
0010	Stump, Rem, 6 inch to 18 inch	2020008	7.000	Ea
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Curb and Gutter, Rem	2040020	781.000	Ft
0025	Sidewalk, Rem	2040055	54.000	Syd
0030	_ Pavt, Rem, Modified	2047011	2,225.000	Syd
0035	Embankment, CIP	2050010	238.000	Cyd
0040	Excavation, Earth	2050016	1,543.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0050	_ Subgrade Undercutting, Type II, Modified	2057021	425.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	24.000	Ea
0060	Erosion Control, Silt Fence	2080036	200.000	Ft
0065	_ Aggregate Base, Modified	3027031	2,340.000	Ton
0070	_ Maintenance Gravel, Modified	3067031	270.000	Ton
0075	Culv End Sect, Conc, 12 inch	4010047	1.000	Ea
0080	Sewer, CI III, 12 inch, Tr Det A	4020840	529.000	Ft
0085	Sewer, CI III, 12 inch, Tr Det B	4020866	867.000	Ft
0090	Dr Structure Cover, Adj, Case 1, Modified	4030004	2.000	Ea
0095	Dr Structure Cover, Type B	4030010	4.000	Ea
0100	Dr Structure Cover, Type D	4030025	1.000	Ea
0105	Dr Structure Cover, Type G	4030040	1.000	Ea
0110	Dr Structure Cover, Type J	4030045	9.000	Ea
0115	Dr Structure, 48 inch dia	4030210	13.000	Ea
0120	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0125	Dr Structure, Tap, 6 inch	4030306	4.000	Ea
0130	Dr Structure, Tap, 12 inch	4030312	7.000	Ea
0135	Underdrain, Subgrade, 6 inch	4040073	1,960.000	Ft

0140	Cold Milling HMA Surface	5010002	14,396.000	Syd
0145	Hand Patching	5010025	18.000	Ton
0150	HMA Approach	5010061	98.000	Ton
0155	HMA, 3EML	5012013	500.000	Ton
0160	HMA, 4EML	5012025	360.000	Ton
0165	HMA, 5EML	5012037	1,725.000	Ton
0170	Cold Milling Conc Pavt	6030014	560.000	Syd
0175	_ Driveway, Nonreinf Conc, 8 inch, Modified	8017011	105.000	Syd
0180	Curb and Gutter, Conc, Det B2	8020016	2,661.000	Ft
0185	Driveway Opening, Conc, Det M	8020050	493.000	Ft
0190	Shld Gutter, Conc, Det 1	8020055	2.000	Ea
0195	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0200	Sidewalk, Conc, 4 inch	8030044	488.000	Sft
0205	Post, Mailbox	8070095	2.000	Ea
0210	Post, Steel, 3 pound	8100371	48.000	Ft
0215	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0220	Sign, Type III, Rem	8100403	7.000	Ea
0225	Sign, Type IIIA	8100404	23.000	Sft
0230	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,801.000	Ft
0235	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,081.000	Ft
0240	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,801.000	Ft
0245	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	6,081.000	Ft
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0255	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0265	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM
0275	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	853.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	3,000.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,600.000	Ft
0290	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0295	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0300	Sign Cover	8120310	10.000	Ea
0305	Sign, Type B, Temp, Prismatic, Furn	8120350	471.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	471.000	Sft
0315	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	145.000	Sft
0320	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	145.000	Sft
0325	_ Slope Restoration, Modified	8167011	1,025.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 033**Letting Date:** August 4, 2023**Contract ID:** 13000-207416

Description: 4.21 mi of hot mix asphalt cold milling and resurfacing, concrete curb and ramps and pavement markings on Capital Avenue SW from Rebecca Road to Michigan Avenue and Capital Avenue NE from Michigan Avenue to VanBuren Street in the city of Battle Creek, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207416A	23A0683	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging	1027060	5,000.000	Dlr
0010	Mobilization, Max \$191,600.00	1100001	1.000	LSUM
0015	Curb and Gutter, Rem	2040020	2,210.000	Ft
0020	_ Sidewalk Rem, Modified	2047011	1,745.000	Syd
0025	Erosion Control, Inlet Protection, Fabric Drop	2080020	179.000	Ea
0030	Dr Structure Cover, Adj, Case 1 , Modified	4030005	53.000	Ea
0035	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0040	Dr Structure Cover, Type B	4030010	29.000	Ea
0045	Dr Structure Cover, Type Q , Modified	4030065	24.000	Ea
0050	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0055	Cold Milling HMA Surface	5010002	101,505.000	Syd
0060	Hand Patching	5010025	50.000	Ton
0065	HMA, 4EL	5012024	12,796.000	Ton
0070	Conc Base Cse, Nonreinf, 6 inch	6020015	266.000	Syd
0075	Curb, Conc, Det E2	8020002	240.000	Ft
0080	_ Concrete Curb, Match Existing, Modified	8027001	940.000	Ft
0085	Detectable Warning Surface	8030010	732.000	Ft
0090	Curb Ramp Opening, Conc	8030030	1,242.000	Ft
0095	Curb Ramp, Conc, 6 inch	8032002	15,550.000	Sft
0100	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk ,	8110024	6,470.000	Ft
0105	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	310.000	Ft
0110	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	1,580.000	Ft
0115	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	3.000	Ea
0120	Pavt Mrkg, Ovly Cold Plastic, Bike	8110056	69.000	Ea
0125	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	25.000	Ea
0130	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0135	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea

0140	Pavt Mrkg, Waterborne, 6 inch, White	8110233	29,850.000	Ft
0145	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	44,185.000	Ft
0150	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	29,850.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	44,185.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, Bike Thru Arrow Sym	8112165	69.000	Ea
0165	_ Pavt Mrkg, Waterborne, 12 inch, Yellow	8117001	200.000	Ft
0170	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	400.000	Ea
0175	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	400.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0185	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	5,406.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,840.000	Ft
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	1,388.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	1,388.000	Sft
0215	Traf Regulator Control	8120370	1.000	LSUM
0220	_ Turf Establishment, Special, Hydroseed	8167011	1,100.000	Syd
0225	Hh, Adj	8182328	5.000	Ea
0230	Gate Box, Adj, Case 1	8230431	40.000	Ea
0235	Gate Box, Adj, Case 2	8230432	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 034**Letting Date:** August 4, 2023**Contract ID:** 25000-204366

Description: 0.55 mi of concrete rubblizing, hot mix asphalt surfacing, concrete curb and gutter, signing and pavement markings on Bristol Road from Irish Road to Lang Street, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204366A	23A0656	N/A	STL 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$89,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	9.000	Ea
0015	Sewer, Rem, Less than 24 inch	2030015	12.000	Ft
0020	Exploratory Investigation, Vertical	2040080	10.000	Ft
0025	_ Pavt, Rem, Modified	2047011	7,357.000	Syd
0030	Ditch Cleanout	2050006	32.000	Sta
0035	Embankment, CIP	2050010	479.000	Cyd
0040	Excavation, Earth	2050016	1,738.000	Cyd
0045	Subgrade Undercutting, Type IV	2050043	200.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	710.000	Ft
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0060	Erosion Control, Silt Fence	2080036	5,760.000	Ft
0065	_ Aggregate Base, Modified	3027031	5,644.000	Ton
0070	_ Pavt, Rubblize, Modified	3047011	5,785.000	Syd
0075	_ Maintenance Gravel, Modified	3067031	86.000	Ton
0080	_ Trenching, Modified	3077002	43.000	Sta
0085	_ Approach, CI II, Modified	3077031	196.000	Ton
0090	_ Shoulder, CI II, Modified	3077031	565.000	Ton
0095	Culv, CI F, CSP, 12 inch	4010675	215.000	Ft
0100	Sewer, CI IV, 18 inch, Tr Det B	4020989	12.000	Ft
0105	Video Taping Sewer and Culv Pipe	4021275	100.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0115	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0120	Dr Structure Cover, Type C	4030015	1.000	Ea
0125	Dr Structure Cover, Type G	4030040	5.000	Ea
0130	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0135	_ Dr Structure, 36 inch dia	4037050	1.000	Ea

0140	HMA, 3EL	5012012	2,466.000	Ton
0145	HMA, 5EL	5012036	1,410.000	Ton
0150	_ HMA Residential Drive Approach, Special	5017011	579.000	Syd
0155	_ Driveway, Nonreinf Conc, 5.5 inch, Modified	8017011	43.000	Syd
0160	Curb and Gutter, Conc, Det D2	8020031	300.000	Ft
0165	Curb and Gutter, Conc, Det F4	8020038	172.000	Ft
0170	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
0175	Post, Mailbox	8070095	33.000	Ea
0180	Post, Steel, 3 pound	8100371	268.000	Ft
0185	Sign, Type III, Rem	8100403	15.000	Ea
0190	Sign, Type IIIA	8100404	89.000	Sft
0195	Sign, Type IIIB	8100405	31.000	Sft
0200	Reflective Panel for Permanent Sign Support, 6 foot	8100616	10.000	Ea
0205	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	120.000	Ft
0210	Pavt Mrkg, Waterborne, 4 inch, White	8110231	5,059.000	Ft
0215	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	4,540.000	Ft
0220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	5,059.000	Ft
0225	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	4,540.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0240	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	175.000	Ea
0245	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	175.000	Ea
0250	Dust Palliative, Applied	8120100	4.000	Ton
0255	Minor Traf Devices	8120170	1.000	LSUM
0260	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	1,400.000	Ft
0265	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	700.000	Ft
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	687.000	Sft
0275	Sign, Type B, Temp, Prismatic, Oper	8120351	687.000	Sft
0280	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	514.000	Sft
0285	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	514.000	Sft
0290	Traf Regulator Control	8120370	1.000	LSUM
0295	Riprap, Plain	8130010	10.000	Syd
0300	_ Slope Restoration, Modified	8167011	7,920.000	Syd
0305	Monument Box	8210001	2.000	Ea
0310	Monument Preservation	8210010	2.000	Ea
0315	Protect Corners	8210020	7.000	Ea
0320	Sanitary Structure Cover, Adj, Case 2	8252146	4.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 035**Letting Date:** August 4, 2023**Contract ID:** 47000-217474

Description: 2.84 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk and ramp upgrades and pavement markings on various routes in the city of Howell, Livingston County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
217474A	23A0643	N/A	HIC 47000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$214,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	1,230.000	Ft
0015	Pavt, Rem	2040050	22.000	Syd
0020	Sidewalk, Rem	2040055	650.000	Syd
0025	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	_ Subgrade Undercutting, 1x3, Special	2057021	815.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	138.000	Ea
0040	_ Aggregate Base, 4 inch, Special	3027011	650.000	Syd
0045	_ Aggregate Base, 8 inch, Special	3027011	5,290.000	Syd
0050	_ Aggregate Base, Special	3027031	60.000	Ton
0055	Maintenance Gravel	3060020	100.000	Ton
0060	_ Geogrid, Special	3087011	2,444.000	Syd
0065	Dr Structure Cover, Adj, Case 1	4030005	50.000	Ea
0070	Dr Structure Cover, Type D	4030025	1.000	Ea
0075	Cold Milling HMA Surface	5010002	48,960.000	Syd
0080	HMA Surface, Rem	5010005	5,116.000	Syd
0085	Hand Patching	5010025	973.000	Ton
0090	HMA, 4EML	5012025	1,050.000	Ton
0095	HMA, 5EML	5012037	5,369.000	Ton
0100	_ Reclamite, Special	5017011	48,960.000	Syd
0105	Lane Tie, Epoxy Anchored	6030030	148.000	Ea
0110	_ Curb and Gutter, Conc, Match Existing, Special	8027001	1,075.000	Ft
0115	Detectable Warning Surface	8030010	160.000	Ft
0120	Curb Ramp Opening, Conc	8030030	155.000	Ft
0125	Sidewalk, Conc, 4 inch	8030044	3,205.000	Sft
0130	Curb Ramp, Conc, 6 inch	8032002	1,010.000	Sft
0135	_ Brick Pavers, Rem and Salv	8037010	40.000	Sft

0140	_ Reinstall Brick Pavers on Aggregate and Sand Bed	8037010	40.000	Sft
0145	_ Sidewalk, Conc, 4 inch, w/Integral Curb, Special	8037010	96.000	Sft
0150	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	390.000	Ft
0155	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	2,099.000	Ft
0160	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	433.000	Ft
0165	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	10.000	Ea
0170	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	8.000	Ea
0175	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0180	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0185	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	7.000	Ea
0190	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,490.000	Ft
0195	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	21,589.000	Ft
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0205	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0210	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0215	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	500.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	500.000	Ea
0225	Minor Traf Devices	8120170	1.000	LSUM
0230	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0235	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	256.000	Sft
0245	Sign, Type B, Temp, Prismatic, Oper	8120351	256.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	200.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	200.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0265	_ Restoration, Hydroseeding, Special	8167011	1,187.000	Syd
0270	_ Sprinkler Line, Special	8507001	200.000	Ft
0275	_ Sprinkler Head, Relocate, Special	8507050	25.000	Ea
0280	_ Sprinkler Head, Replace, Special	8507050	25.000	Ea
0285	_ Audio Video Route Survey, Special	8507051	1.000	LSUM
0290	_ Reimbursed Permit Fee, Special	8507060	2,500.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 230804 036**Letting Date:** August 4, 2023**Contract ID:** 50000-206704**Description:** 1.57 mi of full depth concrete pavement repairs on Masonic Boulevard from I-94 east to Harper Avenue in the city of St. Clair Shores, Macomb County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206704A	23A0631	N/A	STU 50000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Reimbursed Permit Fees	1077060	5,000.000	Dlr
0010	Mobilization, Max \$200,000.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	68.000	Ft
0025	Pavt, Rem	2040050	450.000	Syd
0030	Sidewalk, Rem	2040055	530.000	Syd
0035	Excavation, Earth	2050016	50.000	Cyd
0040	Granular Material, CI II	2050023	20.000	Cyd
0045	Subgrade Undercutting, Type IV	2050043	75.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	44.000	Ea
0055	Project Cleanup	2090001	1.000	LSUM
0060	Maintenance Gravel	3060020	200.000	Ton
0065	Sewer, CI IV, 12 inch, Tr Det B	4020987	68.000	Ft
0070	Video Taping Sewer and Culv Pipe	4021275	68.000	Ft
0075	Dr Structure Cover, Adj, Case 1	4030005	66.000	Ea
0080	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0085	Dr Structure, 24 inch dia	4030200	1.000	Ea
0090	Dr Structure, 48 inch dia	4030210	1.000	Ea
0095	Dr Structure, Adj, Add Depth	4030280	120.000	Ft
0100	Dr Structure, Cleaning	4030290	61.000	Ea
0105	Dr Structure, Tap, 6 inch	4030306	64.000	Ea
0110	Dr Structure, Tap, 12 inch	4030312	6.000	Ea
0115	_ Catch Basin Cover, St Clair Shores	4037050	36.000	Ea
0120	_ External Structure Wrap, 12 inch	4037050	20.000	Ea
0125	_ External Structure Wrap, 18 inch	4037050	18.000	Ea
0130	_ Sanitary Manhole Cover, St Clair Shores	4037050	10.000	Ea
0135	_ Storm Manhole Cover, MCPWO	4037050	14.000	Ea
0140	_ Storm Manhole Cover, St Clair Shores	4037050	7.000	Ea

0145	Underdrain, Subgrade, 6 inch	4040073	3,250.000	Ft
0150	HMA Surface, Rem	5010005	456.000	Syd
0155	Hand Patching	5010025	5.000	Ton
0160	Joint, Expansion, E2	6020207	250.000	Ft
0165	Joint, Plane-of-Weakness, W	6020211	2,000.000	Ft
0170	Cement	6030005	5.000	Ton
0175	Joint, Expansion, Erg	6030021	250.000	Ft
0180	Lane Tie, Epoxy Anchored	6030030	4,618.000	Ea
0185	Pavt Repr, Nonreinf Conc, 9 inch	6030046	12,500.000	Syd
0190	_ Full Depth Sawcutting	6037001	13,600.000	Ft
0195	_ Pavt Repr, Rem, Modified	6037011	12,500.000	Syd
0200	Driveway, Nonreinf Conc, 6 inch	8010005	350.000	Syd
0205	Driveway, Nonreinf Conc, 8 inch	8010007	150.000	Syd
0210	Detectable Warning Surface	8030010	40.000	Ft
0215	Curb Ramp Opening, Conc	8030030	22.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	2,000.000	Sft
0225	Sidewalk, Conc, 6 inch	8030046	1,000.000	Sft
0230	Sidewalk, Conc, 8 inch	8030048	500.000	Sft
0235	Curb Ramp, Conc, 4 inch	8032001	930.000	Sft
0240	_ Curb Ramp, Conc, 8 inch	8037010	320.000	Sft
0245	_ Splashwalk, Conc, 4 inch	8037010	3,500.000	Sft
0250	Post Hole Through Conc for Steel Post	8100340	5.000	Ea
0255	Post, Steel, 3 pound	8100371	70.000	Ft
0260	Sign, Type III, Erect, Salv	8100402	5.000	Ea
0265	Sign, Type III, Rem	8100403	5.000	Ea
0270	Ground Mtd Sign Support, Rem	8102010	5.000	Ea
0275	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,000.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,400.000	Ft
0285	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,000.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,400.000	Ft
0295	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	5,400.000	Ft
0300	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	120.000	Ft
0305	Rem Curing Compound, for Spec Mrkg	8110321	600.000	Sft
0310	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0315	_ Pavt Mrkg, Waterborne, 18 inch, Stop Bar	8117001	200.000	Ft
0320	_ Pavt Mrkg, Waterborne, 2nd Application, 18 inch, Stop Bar	8117001	200.000	Ft
0325	_ Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Crosswalk	8117001	120.000	Ft
0330	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	120.000	Ft
0335	_ Pavt Mrkg, Waterborne, 2nd Application, Left Arrow, Sym	8117050	2.000	Ea
0340	_ Pavt Mrkg, Waterborne, 2nd Application, Only	8117050	2.000	Ea
0345	_ Pavt Mrkg, Waterborne, 2nd Application, School	8117050	4.000	Ea
0350	_ Pavt Mrkg, Waterborne, Left Arrow, Sym	8117050	2.000	Ea
0355	_ Pavt Mrkg, Waterborne, Only	8117050	2.000	Ea

0360	_ Pavt Mrkg, Waterborne, School	8117050	4.000	Ea
0365	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0375	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0380	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0385	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0395	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0400	Minor Traf Devices	8120170	1.000	LSUM
0405	Part Width Intersection Construction	8120190	4.000	Ea
0410	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
0415	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0425	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0435	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0440	Traf Regulator Control	8120370	1.000	LSUM
0445	Pedestrian Path, Temp	8122250	350.000	Ft
0450	Slope Restoration, Non-Freeway, Type A	8162001	3,000.000	Syd
0455	TS Face, Bag	8200458	1.000	Ea
0460	TS Face, Bag, Rem	8200459	1.000	Ea
0465	_ Audio Visual Record of Construction Area	8507051	1.000	LSUM
0470	_ Rubbish Pickup	8507051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 230804 037**Letting Date:** August 4, 2023**Contract ID:** 77000-214636

Description: 0.39 mi of adding center left turn lane includes pavement removal, concrete rubblizing, aggregate base, ditching and pavement markings on Marine City Highway at Bethuy Road, St. Clair County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214636A	23A0644	N/A	HIC 77000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$79,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	3.000	Ea
0015	Dr Structure, Rem	2030011	1.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	49.000	Ft
0025	_ Pavt, Rem, Modified	2047011	3,971.000	Syd
0030	Embankment, CIP	2050010	250.000	Cyd
0035	Excavation, Earth	2050016	1,990.000	Cyd
0040	_ Subgrade Undercutting, Modified	2057021	150.000	Cyd
0045	Subbase, CIP	3010002	1,693.000	Cyd
0050	_ Aggregate Base, Modified	3027031	3,801.000	Ton
0055	Pavt, Rubblize	3040001	4,034.000	Syd
0060	_ Approach, CI II, Modified	3077031	15.000	Ton
0065	_ Shld, CI II, Modified	3077031	572.000	Ton
0070	Geotextile, Stabilization	3080010	500.000	Syd
0075	Culv, CI F, CSP, 12 inch	4010675	90.000	Ft
0080	Culv, CI F, CSP, 15 inch	4010676	30.000	Ft
0085	Sewer, CI IV, 15 inch, Tr Det B	4020988	86.000	Ft
0090	Sewer, CI IV, 18 inch, Tr Det B	4020989	194.000	Ft
0095	Video Taping Sewer and Culv Pipe	4021275	256.000	Ft
0100	Dr Structure Cover, Type B	4030010	3.000	Ea
0105	Dr Structure, 48 inch dia	4030210	3.000	Ea
0110	HMA Surface, Rem	5010005	4,346.000	Syd
0115	Pavt for Butt Joints, Rem	5010008	749.000	Syd
0120	HMA Approach	5010061	659.000	Ton
0125	HMA, 3EMH	5012014	1,834.000	Ton
0130	HMA, 4EMH	5012026	1,347.000	Ton
0135	Curb and Gutter, Conc, Det B2	8020016	541.000	Ft

0140	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0145	Post, Mailbox	8070095	2.000	Ea
0150	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	600.000	Ft
0155	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,771.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,905.000	Ft
0165	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0170	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0175	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0195	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,577.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	4,096.000	Ft
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	6,038.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,200.000	Ft
0215	Plastic Drum, Fluorescent, Furn	8120252	126.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	126.000	Ea
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	24.000	Ft
0230	PTS, Temp, Furn	8120272	1.000	Ea
0235	PTS, Temp, Oper	8120273	1.000	Ea
0240	Sign Cover	8120310	4.000	Ea
0245	Sign, Type B, Temp, Prismatic, Furn	8120350	413.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	413.000	Sft
0255	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	80.000	Sft
0260	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	80.000	Sft
0265	Riprap, Plain	8130010	6.000	Syd
0270	_ Slope Restoration, Modified	8167011	3,900.000	Syd
0275	_ Monument Box, Special	8217050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 230804 038

Letting Date: August 4, 2023

Contract ID: 82000-214411

Description: Bridge reconstruction including removal and replacement with 33-inch x 48-inch prestressed concrete beams and approach work on Southfield Road over Ecorse Creek, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
214411A	23A0658	N/A	BRT 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$545,600.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.100	Acre
0015	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0020	Dr Structure, Rem	2030011	3.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	53.000	Ft
0030	Sewer, Rem, 24 inch to 48 inch	2030016	40.000	Ft
0035	Fence, Rem	2040025	14.000	Ft
0040	Guardrail, Rem	2040035	264.000	Ft
0045	Pavt, Rem	2040050	943.000	Syd
0050	Sidewalk, Rem	2040055	151.000	Syd
0055	Excavation, Earth	2050016	486.000	Cyd
0060	_ Embankment, CIP, Modified	2057021	836.000	Cyd
0065	Erosion Control, Silt Fence	2080036	1,464.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	Subbase, CIP	3010002	36.000	Cyd
0080	Aggregate Base, 6 inch	3020016	42.000	Syd
0085	_ Aggregate Base, 9 inch, Modified	3027011	715.000	Syd
0090	Driveway Maintenance, Residential	3062001	1.000	Ea
0095	Culv End Sect, 18 inch	4010018	1.000	Ea
0100	Culv End Sect, Conc, 42 inch	4010054	1.000	Ea
0105	Dr Marker Post	4011109	1.000	Ea
0110	Sewer, Cl A, 18 inch, Tr Det A	4020006	10.000	Ft
0115	Sewer, Cl A, 42 inch, Tr Det A	4020010	35.000	Ft
0120	Sewer, Cl A, 18 inch, Tr Det B	4020035	32.000	Ft
0125	Sewer, Cl A, 42 inch, Tr Det B	4020039	71.000	Ft
0130	Video Taping Sewer and Culv Pipe	4021275	200.000	Ft
0135	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	3.000	Ft

0140	_ Catch Basin A, Cover D	4037050	1.000	Ea
0145	_ Dr Structure Cover, Adj	4037050	3.000	Ea
0150	_ Mh B, 84 inch dia, Cover B	4037050	2.000	Ea
0155	_ Underdrain, Subgrade, 6 inch, Modified	4047001	174.000	Ft
0160	Pavt, Cleaning	5010001	1.000	LSUM
0165	HMA Surface, Rem	5010005	401.000	Syd
0170	HMA Approach	5010061	7.000	Ton
0175	Joint, Contraction, Cp	6020200	246.000	Ft
0180	Joint, Expansion, E2	6020207	166.000	Ft
0185	Joint, Expansion, E3	6020208	166.000	Ft
0190	Conc Pavt, Bridge Approach, Reinf	6020600	268.000	Syd
0195	_ Conc Pavt, Misc, Nonreinf, 10 inch, Modified	6027011	383.000	Syd
0200	_ Cold Weather Protection, Conc Pavt	6037011	651.000	Syd
0205	Curb and Gutter, Bridge Approach, Det 5	8022016	80.000	Ft
0210	Detectable Warning Surface	8030010	8.000	Ft
0215	Curb Ramp Opening, Conc	8030030	8.000	Ft
0220	Sidewalk, Conc, 4 inch	8030044	1,085.000	Sft
0225	Curb Ramp, Conc, 6 inch	8032002	75.000	Sft
0230	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0235	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0240	Guardrail Anch, Bridge, Det M1, Curved	8072036	2.000	Ea
0245	_ Guardrail Departing Terminal, Type MGS, Modified	8077050	2.000	Ea
0250	Fence, Chain Link, 48 inch	8080011	16.000	Ft
0255	Delineator Reflector, Green	8100133	4.000	Ea
0260	Post, Rigid, Delineator	8100361	4.000	Ea
0265	Sign, Type III, Rem	8100403	4.000	Ea
0270	Ground Mtd Sign Support, Rem	8102010	1.000	Ea
0275	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	78.000	Ft
0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	100.000	Ft
0285	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	500.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	100.000	Ft
0295	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	500.000	Ft
0300	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	600.000	Ft
0305	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0315	Pedestrian Type II Barricade, Temp	8120026	5.000	Ea
0320	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	15.000	Ea
0325	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	15.000	Ea
0330	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0335	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0345	Plastic Drum, Fluorescent, Furn	8120252	36.000	Ea
0350	Plastic Drum, Fluorescent, Oper	8120253	36.000	Ea

0355	Sign, Type B, Temp, Prismatic, Furn	8120350	634.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	634.000	Sft
0365	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	313.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	313.000	Sft
0375	Traf Regulator Control	8120370	1.000	LSUM
0380	_ Riprap, Plain, Modified	8137011	12.000	Syd
0385	Slope Restoration, Non-Freeway, Type A	8162001	338.000	Syd
0390	Staking Plan Errors and Extras, Max \$180/hour	8240002	60.000	Hr
0395	_ Contractor Staking, Modified	8247051	1.000	LSUM

Section: 2

0400	Structures, Rem Portions (SN 12039)	2040061	1.000	LSUM
0405	Exploratory Investigation, Vertical	2040080	50.000	Ft
0410	Excavation, Channel	2050015	340.000	Cyd
0415	Non Haz Contaminated Material Handling and Disposal, LM	2050031	4,022.000	Cyd
0420	Backfill, Structure, CIP	2060002	985.000	Cyd
0425	Excavation, Fdn	2060010	3,682.000	Cyd
0430	Erosion Control, Filter Bag	2080014	4.000	Ea
0435	Erosion Control, Gravel Filter Berm	2080018	754.000	Ft
0440	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0445	Erosion Control, Turbidity Curtain, Deep	2080042	300.000	Ft
0450	Underdrain Outlet, 6 inch	4040093	40.000	Ft
0455	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0460	Video Inspection of Underdrain	4040200	462.000	Ft
0465	_ Underdrain, Fdn, 6 inch, Modified	4047001	329.000	Ft
0470	Cofferdams (SN 12039)	7040007	1.000	LSUM
0475	Pile Driving Equipment, Furn (SN 12039)	7050002	1.000	LSUM
0480	Pile, Steel, Furn and Driven, 14 inch	7050034	7,196.000	Ft
0485	Pile Point, Steel	7050039	96.000	Ea
0490	Pile, Steel, Splice	7050050	96.000	Ea
0495	_ Plugging Artesian Flow, Sheet Piles	7057001	738.000	Ft
0500	_ Plugging Artesian Flow, H-Piles	7057050	96.000	Ea
0505	_ Test Pile, Dynamic Analysis	7057050	4.000	Ea
0510	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
0515	Bridge Ltg, Furn and Rem (SN 12039)	7060001	1.000	LSUM
0520	Bridge Ltg, Oper and Maintain	7060002	343.000	Cyd
0525	Conc, Low Temperature Protection	7060020	1,036.000	Cyd
0530	Expansion Joint Device	7060050	78.000	Ft
0535	Expansion Joint Device, Cover Plate	7060051	14.000	Ft
0540	False Decking	7060060	8,685.000	Sft
0545	Reinforcement, Steel, Epoxy Coated	7060092	178,950.000	Lb
0550	Substructure Conc, High Performance	7060101	610.000	Cyd
0555	Superstructure Conc, Form, Finish, and Cure (SN 12039)	7060111	1.000	LSUM

0560	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 12039)	7060112	1.000	LSUM
0565	Superstructure Conc, High Performance	7060116	69.000	Cyd
0570	Superstructure Conc, Night Casting, High Performance	7060117	343.000	Cyd
0575	Sealing Localized Cracks (SN 12039)	7060220	1.000	LSUM
0580	Conc, Grade 3500	7062001	630.000	Cyd
0585	Bearing, Elastomeric, 1 inch	7070012	4,050.000	Sin
0590	Bearing, Elastomeric, 3 inch	7070020	4,050.000	Sin
0595	Prest Conc Box Beam, Furn, 33 inch	7080071	901.000	Ft
0600	Prest Conc Box Beam, Erect, 33 inch	7080072	901.000	Ft
0605	Joint Waterproofing	7100001	484.000	Sft
0610	Joint Waterproofing, Expansion	7100003	120.000	Sft
0615	Conc Surface Coating	7100011	283.000	Syd
0620	_ Silane Treatment	7107010	1,690.000	Sft
0625	Reflective Marker, Permanent Barrier	7110003	4.000	Ea
0630	Bridge Railing, Aesthetic Parapet Tube, Det 1, High Performance	7110070	184.000	Ft
0635	_ Monitoring for Hydrogen Sulfide and Methane	8007050	25.000	Ea
0640	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
0645	_ Riprap, Spec, Class I	8137011	290.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 230804 039**Letting Date:** August 4, 2023**Contract ID:** 50000-208767

Description: Traffic signal upgrades, safety upgrades, interconnect and optimization on Kelly Road at 3 intersections from Toepfer Drive to Stephens Road in the city of Eastpointe, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208767A	23A0610	N/A	CPMG 50000

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	14.000	Ft
0015	Sidewalk, Rem	2040055	19.000	Syd
0020	Curb, Conc, Det E1	8020001	14.000	Ft
0025	Detectable Warning Surface	8030010	10.000	Ft
0030	Curb Ramp Opening, Conc	8030030	14.000	Ft
0035	Curb Ramp, Conc, 4 inch	8032001	89.000	Sft
0040	Curb Ramp, Conc, 6 inch	8032002	81.000	Sft
0045	Pavt Mrkg, Waterborne, 4 inch, White	8110231	41.000	Ft
0050	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36.000	Ft
0055	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	41.000	Ft
0060	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	36.000	Ft
0065	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	120.000	Ft
0070	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	220.000	Ft
0075	Rem Curing Compound, for Spec Mrkg	8110321	52.000	Sft
0080	Rem Spec Mrkg	8110343	52.000	Sft
0085	_ Pavt Mrkg, Rem	8117001	340.000	Ft
0090	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	140.000	Ft
0095	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	24.000	Ft
0100	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar, 2nd Application	8117001	24.000	Ft
0105	_ Pavt Mrkg, Waterborne, 2nd Application, 12 inch, Crosswalk	8117001	140.000	Ft
0110	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk	8117001	84.000	Ft
0115	_ Pavt Mrkg, Waterborne, 6 inch, Crosswalk, 2nd Application	8117001	84.000	Ft
0120	_ Pavt Mrkg, Waterborne, Right Turn Arrow Sym	8117050	1.000	Ea
0125	_ Pavt Mrkg, Waterborne, Right Turn Arrow Sym, 2nd Application	8117050	1.000	Ea

0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	5.000	Ea
0135	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	5.000	Ea
0140	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0145	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
0150	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
0155	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0160	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	250.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	250.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Slope Restoration, Non-Freeway, Type A	8162001	120.000	Syd
0200	Power Company (Estimated Cost to Contractor)	8180001	5,000.000	Dlr
0205	Conduit, Directional Bore, 1, 3 inch	8182035	325.000	Ft
0210	Conduit, Directional Bore, 2, 3 inch	8182037	100.000	Ft
0215	Conduit, DB, 1, 1 1/2 inch	8182048	555.000	Ft
0220	Conduit, DB, 1, 3 inch	8182050	375.000	Ft
0225	Conduit, DB, 2, 3 inch	8182053	70.000	Ft
0230	Conduit, DB, 3, 3 inch	8182056	115.000	Ft
0235	Conduit, DB, 4, 3 inch	8182059	45.000	Ft
0240	Cable, Sec, Rem	8182199	375.000	Ft
0245	Cable Pole, TS, Dismant	8182210	16.000	Ea
0250	Cable, Sec, 600V, 1, 3/C#6	8182238	375.000	Ft
0255	Hh, Round	8182310	15.000	Ea
0260	Hh, Round, 3 foot dia	8182319	3.000	Ea
0265	Serv Disconnect	8182366	3.000	Ea
0270	Serv Disconnect, Rem	8182367	3.000	Ea
0275	Wood Pole, Fit Up, Comb Sec and TS Cable Pole	8182371	1.000	Ea
0280	Steel Pole, Fit Up, TS Cable Pole	8182397	11.000	Ea
0285	Anchor Guy	8200001	2.000	Ea
0290	Case Sign, Rem	8200020	6.000	Ea
0295	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	17.000	Ea
0300	Controller and Cabinet, Rem	8200030	3.000	Ea
0305	Controller Fdn, Rem	8200046	3.000	Ea
0310	Fdn, Rem	8200065	3.000	Ea
0315	Pedestal, Alum	8200100	27.000	Ea
0320	Pedestal, Fdn	8200105	27.000	Ea
0325	Pedestal Fdn, Rem	8200106	5.000	Ea
0330	Pedestal, Rem	8200110	5.000	Ea
0335	Pushbutton and Sign	8200121	21.000	Ea
0340	Push Button Station, Rem	8200129	4.000	Ea

0345	Span Wire	8200140	12.000	Ea
0350	Span Wire, Rem	8200141	17.000	Ea
0355	Span Wire Tether	8200142	11.000	Ea
0360	Steel Pole, Rem	8200145	3.000	Ea
0365	TS, Bracket Arm Mtd, Rem	8200175	3.000	Ea
0370	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0375	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	17.000	Ea
0380	TS, Span Wire Mtd, Rem	8200182	13.000	Ea
0385	TS, Pedestrian, Two Way Pedestal Mtd	8200237	1.000	Ea
0390	TS, One Way Mast Arm Mtd	8200250	12.000	Ea
0395	TS, One Way Span Wire Mtd (LED)	8200313	24.000	Ea
0400	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0405	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0410	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	27.000	Ea
0415	Bracket, Truss, with 15 foot Arm	8200377	1.000	Ea
0420	Bracket, Truss, with 18 foot Arm	8200378	2.000	Ea
0425	Bracket, Truss, Rem	8200388	2.000	Ea
0430	Hemispherical Video Detection Camera	8200444	2.000	Ea
0435	Hemispherical Video Detection System	8200445	1.000	Ea
0440	Junction Box, Span Wire	8200456	12.000	Ea
0445	Strain Pole, Steel, 6 bolt, 30 foot	8200460	10.000	Ea
0450	Strain Pole Fdn, 6 Bolt	8200470	140.000	Ft
0455	Backplate, TS	8200501	36.000	Ea
0460	Mast Arm Pole, Cat I	8202010	4.000	Ea
0465	Mast Arm, 30 foot, Cat I	8202015	1.000	Ea
0470	Mast Arm, 40 foot, Cat I	8202017	5.000	Ea
0475	Mast Arm Pole Fdn, 6 Bolt	8202034	84.000	Ft
0480	_ OCA, ATC 2070, ITS	8207050	3.000	Ea
0485	_ OCA, ITS, Cabinet Foundation, 4 Door	8207050	3.000	Ea
0490	_ OCA, ITS, Cabinet Housing 3, Alum	8207050	3.000	Ea
0495	_ OCA, ITS, Input Assembly	8207050	3.000	Ea
0500	_ OCA, ITS, Output Assembly, 14 Switch Pack	8207050	3.000	Ea
0505	_ OCA, Operational Test Certification, Controller and Cabinet	8207050	3.000	Ea
0510	_ Wireless Interconnect, Dual Radio	8207050	4.000	Ea
0515	_ Wireless Interconnect, Dual Radio, Rem	8207050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 230804 040**Letting Date:** August 4, 2023**Contract ID:** 81000-215261

Description: 3.07 mi of installation of a left turn lane, centerline rumble strips, curve delineation and pavement markings along the segment on North Territorial Road from Mast Road to Webster Church Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
215261A	23A0667	N/A	HSIP 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$128,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0015	Culv, Rem, 24 inch to 48 inch	2030002	3.000	Ea
0020	Dr Structure, Rem	2030011	1.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	66.000	Ft
0030	Curb and Gutter, Rem	2040020	184.000	Ft
0035	Fence, Rem	2040025	257.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0045	Utility Pole, Rem	2040070	3.000	Ea
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0060	_ Roadway Grading	2057002	28.000	Sta
0065	_ Subgrade Undercutting, 3 by 1	2057021	75.000	Cyd
0070	_ Subgrade Undercutting, Type IV, Modified	2057021	250.000	Cyd
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0080	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	1.000	Ea
0085	Erosion Control, Silt Fence	2080036	760.000	Ft
0090	Project Cleanup	2090001	1.000	LSUM
0095	_ Aggregate Base, 10 inch, Modified	3027011	7,992.000	Syd
0100	_ Aggregate Base, 8 inch, Modified	3027011	481.000	Syd
0105	_ Aggregate Base, Modified	3027031	962.000	Ton
0110	Maintenance Gravel	3060020	200.000	Ton
0115	_ Aggregate Surface Cse, 12 inch, Modified	3067011	81.000	Syd
0120	_ Shoulder, CI II, 5 inch, Modified	3077011	753.000	Syd
0125	Geotextile, Stabilization	3080010	150.000	Syd
0130	Culv End Sect, Conc, 12 inch	4010047	4.000	Ea
0135	Culv End Sect, Conc, 15 inch	4010048	1.000	Ea

0140	Culv End Sect, Conc, 24 inch	4010051	2.000	Ea
0145	Culv End Sect, Footing	4010072	9.000	Ea
0150	Culv, CI E, 12 inch	4010539	50.000	Ft
0155	Culv, CI E, 24 inch	4010542	53.000	Ft
0160	Culv, CI F, 12 inch	4010607	102.000	Ft
0165	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	56.000	Ft
0170	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Longit	4011063	2.000	Ea
0175	Sewer, CI IV, 12 inch, Tr Det B	4020987	197.000	Ft
0180	Sewer, CI IV, 15 inch, Tr Det B	4020988	280.000	Ft
0185	Trench Undercut and Backfill	4021260	75.000	Cyd
0190	Video Taping Sewer and Culv Pipe	4021275	738.000	Ft
0195	Dr Structure Cover, Type E	4030035	1.000	Ea
0200	Dr Structure Cover, Type J	4030045	4.000	Ea
0205	Dr Structure, 24 inch dia	4030200	1.000	Ea
0210	Dr Structure, 48 inch dia	4030210	4.000	Ea
0215	HMA Surface, Rem	5010005	7,047.000	Syd
0220	Hand Patching	5010025	25.000	Ton
0225	HMA, 3EML	5012013	1,734.000	Ton
0230	HMA, 5EML	5012037	1,143.000	Ton
0235	_ HMA Approach, Residential and Commercial	5017031	91.000	Ton
0240	Curb and Gutter, Conc, Det B2	8020016	966.000	Ft
0245	Curb and Gutter, Conc, Det F4	8020038	133.000	Ft
0250	Driveway Opening, Conc, Det M	8020050	143.000	Ft
0255	Shld Gutter, Conc, Det 2	8020056	5.000	Ea
0260	Spillway, Conc	8020075	70.000	Ft
0265	_ Fence Relocation	8087001	15.000	Ft
0270	Post, Steel, 3 pound	8100371	1,358.000	Ft
0275	Sign, Type III, Rem	8100403	83.000	Ea
0280	Sign, Type IIIA	8100404	74.000	Sft
0285	Sign, Type IIIB	8100405	443.000	Sft
0290	Sign, Type VB	8100425	42.000	Sft
0295	Reflective Panel for Permanent Sign Support, 3 foot	8100613	26.000	Ea
0300	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0305	Ground Mtd Sign Support, Rem	8102010	76.000	Ea
0310	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	120.000	Ft
0315	Pavt Mrkg, Waterborne, 4 inch, White	8110231	335.000	Ft
0320	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	34,650.000	Ft
0325	Pavt Mrkg, Waterborne, 6 inch, White	8110233	31,900.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	335.000	Ft
0335	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	34,650.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	31,900.000	Ft
0345	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	4.000	Ea
0350	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	43.000	Ea

0355	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	43.000	Ea
0360	Dust Palliative, Applied	8120100	2.000	Ton
0365	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0375	Minor Traf Devices	8120170	1.000	LSUM
0380	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,200.000	Ft
0385	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,085.000	Ft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,135.000	Ft
0395	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,000.000	Ft
0400	Plastic Drum, Fluorescent, Furn	8120252	60.000	Ea
0405	Plastic Drum, Fluorescent, Oper	8120253	60.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0415	PTS System, Temp, Furn	8120270	1.000	Ea
0420	PTS System, Temp, Oper	8120271	1.000	Ea
0425	Sign Cover	8120310	10.000	Ea
0430	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0435	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0440	Sign, Type B, Temp, Prismatic, Furn	8120350	842.000	Sft
0445	Sign, Type B, Temp, Prismatic, Oper	8120351	842.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	561.000	Sft
0455	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	561.000	Sft
0460	Traf Regulator Control	8120370	1.000	LSUM
0465	Riprap, Plain	8130010	41.000	Syd
0470	_ Turf Establishment, Performance	8167011	6,716.000	Syd
0475	Monument Box Adj	8210005	2.000	Ea
0480	Monument Preservation	8210010	2.000	Ea
0485	Centerline Corrugations, Milled, HMA	8220013	11,569.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 230804 041**Letting Date:** August 4, 2023**Contract ID:** 47065-219122**Description:** 1.00 mi of sanitary sewer on I-96 from the Howell Rest Area #812 easterly to Mason Road in the city of Howell, Livingston County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
219122A	N/A	N/A	STF 47065

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$76,400.00	1100001	1.000	LSUM
0010	Sewer, Rem, Less than 24 inch	2030015	30.000	Ft
0015	Exploratory Investigation, Vertical	2040080	75.000	Ft
0020	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0025	Erosion Control, Silt Fence	2080036	1,550.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0035	_ Sanitary Force Main, DI, 4 inch, Tr Det A2	8007001	260.000	Ft
0040	_ Sanitary Force Main, HDPE, 4 inch, Directional Bore	8007001	3,199.000	Ft
0045	_ Sanitary Force Main, HDPE, 4 inch, Tr Det A2	8007001	939.000	Ft
0050	_ Sewage Pump	8007050	2.000	Ea
0055	_ Alterations to Septic System	8007051	1.000	LSUM
0060	_ Sewage Pump Controls	8007051	1.000	LSUM
0065	_ Sewage Pumps and Contols, Rem	8007051	1.000	LSUM
0070	_ Sanitary Sewer Tap-In Fee	8007060	33,000.000	Dlr
0075	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0085	Minor Traf Devices	8120170	1.000	LSUM
0090	Plastic Drum, Fluorescent, Furn	8120252	128.000	Ea
0095	Plastic Drum, Fluorescent, Oper	8120253	128.000	Ea
0100	Sign Cover	8120310	4.000	Ea
0105	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0115	Traf Regulator Control	8120370	1.000	LSUM
0120	Slope Restoration, Freeway, Type A	8162013	1,950.000	Syd
0125	Contractor Staking	8240001	1.000	LSUM
0130	Staking Plan Errors and Extras, Max \$180/hour	8240002	9.000	Hr
0135	Sanitary Structure Cover, Type Q	8252098	6.000	Ea

0140	_ Sanitary Force Main, Air Release Structure, 60 inch dia	8257050	1.000	Ea
0145	_ Sanitary Force Main, Cleanout Structure, 72 inch dia	8257050	5.000	Ea



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AASHTOWare Project™ Version 4.8.1 Revision 025

Schedule of Pay Items

Report v1

Letting Call: 230804 042**Letting Date:** August 4, 2023**Contract ID:** 45021-213385

Description: 2.54 mi of hot mix asphalt cold milling and resurfacing, shoulder widening, guardrail, drainage improvements and pavement markings on M-72 from Bugai/Gray Road easterly to Bay Street, Leelanau County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213385A	23A0702	N/A	ST 45021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$150,200.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	20.000	Ft
0015	Guardrail, Rem	2040035	1,460.000	Ft
0020	Ditch Cleanout	2050006	5.000	Sta
0025	Embankment, CIP	2050010	300.000	Cyd
0030	Excavation, Earth	2050016	1,442.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0040	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0045	Aggregate Base, 6 inch	3020016	5,358.000	Syd
0050	Approach, CI I	3070001	10.000	Ton
0055	Shld, CI II	3070121	430.000	Ton
0060	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0065	Dr Structure Cover, Type K	4030050	2.000	Ea
0070	Cold Milling HMA Surface	5010002	60,221.000	Syd
0075	HMA Surface, Rem	5010005	3,492.000	Syd
0080	HMA Quality Initiative	5010007	13,092.000	Dlr
0085	Longit Joint Density Quality Initiative	5010018	41,405.000	Dlr
0090	Hand Patching	5010025	50.000	Ton
0095	HMA Approach	5010061	217.000	Ton
0100	HMA, 3EML	5012013	770.000	Ton
0105	HMA, 5EML, High Stress	5012085	5,509.000	Ton
0110	Driveway, Nonreinf Conc, 6 inch	8010005	32.000	Syd
0115	Curb and Gutter, Conc, Det D2	8020031	1,404.000	Ft
0120	Curb and Gutter, Conc, Det F4	8020038	20.000	Ft
0125	Curb Slp, HMA	8050010	2,984.000	Ft
0130	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0135	Guardrail Reflector	8070080	66.000	Ea

0140	Guardrail, Curved, Type B-CRT	8072154	88.000	Ft
0145	Guardrail, Type MGS-8, 108 inch Post	8072180	1,376.000	Ft
0150	Delineator Reflector, Green	8100133	14.000	Ea
0155	Delineator Reflector, White	8100134	100.000	Ea
0160	Delineator, Rem	8100349	64.000	Ea
0165	Post, Rigid, Delineator	8100361	64.000	Ea
0170	_ Enhanced Delineation, Bidirectional, Guardrail, Post Mtd	8107001	1,132.000	Ft
0175	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0180	Pavt Mrkg, Waterborne, 6 inch, White	8110233	26,706.000	Ft
0185	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	26,988.000	Ft
0190	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	26,706.000	Ft
0195	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	26,988.000	Ft
0200	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0205	Recessing Pavt Mrkg, Longit	8110450	53,694.000	Ft
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0215	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0225	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0230	Minor Traf Devices	8120170	1.000	LSUM
0235	Mobile Attenuator	8120180	1.000	Ea
0240	Plastic Drum, Fluorescent, Furn	8120252	400.000	Ea
0245	Plastic Drum, Fluorescent, Oper	8120253	400.000	Ea
0250	Sign Cover	8120310	5.000	Ea
0255	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0260	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0265	Sign, Type B, Temp, Prismatic, Furn	8120350	1,296.000	Sft
0270	Sign, Type B, Temp, Prismatic, Oper	8120351	1,296.000	Sft
0275	Traf Regulator Control	8120370	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	3,309.000	Ft
0285	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	3,374.000	Ft
0290	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	23,397.000	Ft
0295	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0300	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0305	_ Automated Flagger Assistance Device	8127050	2.000	Ea
0310	Riprap, Plain	8130010	140.000	Syd
0315	Paved Ditch, HMA	8140010	240.000	Syd
0320	Slope Restoration, Non-Freeway, Type F	8162006	6,602.000	Syd
0325	_ Slope Restoration, Non-Freeway, Type G	8167011	2,330.000	Syd
0330	Monument Box Adj	8210005	2.000	Ea
0335	Centerline Corrugations, Milled, HMA	8220013	11,759.000	Ft

0340	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	8,384.000	Ft
0345	Contractor Staking	8240001	1.000	LSUM
0350	Staking Plan Errors and Extras, Max \$180/hour	8240002	17.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 230804 043

Letting Date: August 4, 2023

Contract ID: 58052-208701

Description: 2.56 mi of hot mix asphalt cold milling and single course overlay, traffic signal detector replacement and pavement markings on US-24 from north of Wood Road to South Otter Creek Road and on the M-125 Connector (Luna Pier Road) from US-24 to M-125, Monroe County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208701A	N/A	N/A	M 58052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Railroad Protection, at Grade Crossing, CSX Transportation	1027060	7,000.000	Dlr
0010	Mobilization, Max \$100,500.00	1100001	1.000	LSUM
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0020	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0025	Shld, CI II	3070121	780.000	Ton
0030	Cold Milling HMA Surface	5010002	53,077.000	Syd
0035	HMA Quality Initiative	5010007	21,882.000	Dlr
0040	Longit Joint Density Quality Initiative	5010018	40,275.000	Dlr
0045	Pavt Joint and Crack Repr, Det 7	5010020	1,263.000	Ft
0050	Pavt Joint and Crack Repr, Det 8	5010021	1,263.000	Ft
0055	Hand Patching	5010025	189.000	Ton
0060	HMA Approach	5010061	420.000	Ton
0065	HMA, 5EML	5012037	4,630.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	219.000	Ft
0075	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
0085	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0100	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	29,090.000	Ft
0105	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	14,390.000	Ft
0110	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0115	Recessing Pavt Mrkg, Longit	8110450	1,683.000	Ft
0120	Recessing Pavt Mrkg, Transv	8110451	1,156.000	Sft
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea

0135	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0145	Minor Traf Devices	8120170	1.000	LSUM
0150	Mobile Attenuator	8120180	1.000	Ea
0155	Plastic Drum, Fluorescent, Furn	8120252	230.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	230.000	Ea
0165	Sign Cover	8120310	3.000	Ea
0170	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0175	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft
0185	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0195	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	15,900.000	Ft
0200	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	28,600.000	Ft
0205	Temp Rumble Strips (Orange), Stop Condition	8122186	2,200.000	Ft
0210	Wireless Vehicle Sensor Node	8200425	6.000	Ea
0215	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0220	Contractor Staking	8240001	1.000	LSUM
0225	Staking Plan Errors and Extras, Max \$180/hour	8240002	11.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230804 044**Letting Date:** August 4, 2023**Contract ID:** 03033-210832**Description:** 6.99 mi of hot mix asphalt resurfacing, full depth concrete pavement repairs, joint resealing and underdrain outlet cleanout on I-196 from south of 71st Street to north of 118th Avenue, Allegan County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210832A	23A0700	N/A	IM 03033

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	6,525.000	Dlr
0010	Mobilization, Max \$259,200.00	1100001	1.000	LSUM
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Guardrail, Rem	2040035	182.000	Ft
0025	Pavt, Rem	2040050	1,410.000	Syd
0030	Embankment, CIP	2050010	35.000	Cyd
0035	Excavation, Earth	2050016	51.000	Cyd
0040	Erosion Control, Silt Fence	2080036	120.000	Ft
0045	Aggregate Base, 6 inch	3020016	48.000	Syd
0050	Shld, CI II	3070121	380.000	Ton
0055	Shld, CI II, 6 inch	3070128	28.000	Syd
0060	Dr Marker Post	4011109	450.000	Ea
0065	_ Underdrain Outlet Cleanout	4047050	450.000	Ea
0070	_ Underdrain Outlet Ending, Modified	4047050	225.000	Ea
0075	Cold Milling HMA Surface	5010002	49,500.000	Syd
0080	HMA Surface, Rem	5010005	81.000	Syd
0085	HMA Quality Initiative	5010007	9,200.000	Dlr
0090	Longit Joint Density Quality Initiative	5010018	40,000.000	Dlr
0095	Hand Patching	5010025	20.000	Ton
0100	HMA Approach	5010061	510.000	Ton
0105	HMA, 5EML	5012037	4,070.000	Ton
0110	_ Asphalt Repr Mastic	5027001	350.000	Ft
0115	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	45.000	Syd
0120	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	1,410.000	Syd
0125	Joint, Contraction, Cp	6020200	1,120.000	Ft
0130	Crack Sealing, Conc Pavt	6030010	14,940.000	Ft
0135	Joint, Contraction, Crg	6030020	2,490.000	Ft
0140	Joint, Expansion, Erg	6030021	48.000	Ft

0145	Lane Tie, Epoxy Anchored	6030030	40.000	Ea
0150	Pavt Repr, Nonreinf Conc, 12 inch	6030052	1,640.000	Syd
0155	Pavt Repr, Rem	6030080	1,640.000	Syd
0160	Saw Cut, Intermediate	6030090	5,290.000	Ft
0165	Resealing Trans Joints with Hot-Poured Rubber	6030100	59,730.000	Ft
0170	Resealing Longit Joints with Hot-Poured Rubber	6030101	27,460.000	Ft
0175	_ Joint, Tied, 2.5 foot	6037001	160.000	Ft
0180	_ Pavt Repr, 2.5 foot, Nonreinf, 12 inch	6037011	450.000	Syd
0185	_ Pavt Repr, 2.5 foot, Nonreinf, 9 inch	6037011	100.000	Syd
0190	_ Pavt Repr, 2.5 foot, Rem	6037011	550.000	Syd
0195	_ Pavt Repr, Overlay, Nonreinf Conc	6037021	557.000	Cyd
0200	_ Pavt Repr, Overlay, Rem	6037021	557.000	Cyd
0205	Curb and Gutter, Conc, Det D2	8020031	100.000	Ft
0210	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0215	Spillway, Conc	8020075	30.000	Ft
0220	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0225	Guardrail Reflector	8070080	8.000	Ea
0230	Guardrail, Curved, Type MGS-8, 72 inch Post	8072145	88.000	Ft
0235	Guardrail, Type MGS-8, 72 inch Post	8072179	49.000	Ft
0240	Fdn, Wood Support, Rem	8100280	2.000	Ea
0245	Post, Wood, 6 inch by 8 inch	8100382	38.000	Ft
0250	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0255	Sign, Type I, Rem, Salv	8102001	2.000	Ea
0260	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	160.000	Ft
0265	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	4.000	Ea
0270	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0275	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
0280	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	107,400.000	Ft
0285	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	87,400.000	Ft
0290	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	7,740.000	Ft
0295	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	3.000	Ea
0300	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	200.000	Ft
0305	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	2,400.000	Ft
0310	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,330.000	Ft
0315	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	64.000	Ea
0325	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	64.000	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	Mobile Attenuator	8120180	2.000	Ea
0350	Plastic Drum, Fluorescent, Furn	8120252	740.000	Ea

0355	Plastic Drum, Fluorescent, Oper	8120253	740.000	Ea
0360	Sign Cover	8120310	20.000	Ea
0365	Sign Cover, Type I	8120320	4.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	12.000	Ea
0375	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	12.000	Ea
0380	Sign, Type A, Temp, Prismatic, Furn	8120340	270.000	Sft
0385	Sign, Type A, Temp, Prismatic, Oper	8120341	270.000	Sft
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	1,735.000	Sft
0395	Sign, Type B, Temp, Prismatic, Oper	8120351	1,735.000	Sft
0400	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	352.000	Sft
0405	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	352.000	Sft
0410	Speed Radar Trailer, Temp	8122028	2.000	Ea
0415	Riprap, Plain	8130010	5.000	Syd
0420	Slope Restoration, Non-Freeway, Type C	8162003	320.000	Syd
0425	Contractor Staking	8240001	1.000	LSUM
0430	Staking Plan Errors and Extras, Max \$180/hour	8240002	24.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 230804 201**Letting Date:** August 4, 2023**Contract ID:** 26031-212508

Description: 0.50 mi of bridge reconstruction including widening, superstructure replacement with 48-inch by 49-inch prestressed concrete bulb-tee beams, guardrail, steel piling, steel sheet piling, cofferdams, drainage and approach work on M-30 over Tobacco River, Gladwin County. This project includes a 5 year materials and workmanship pavement warranty, a 2 year pavement performance warranty and a 2 year concrete surface coating warranty. This is an OJT VIP Pilot 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
212508A	23A0611	N/A	ER 26031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	1,631.000	Dlr
0010	Mobilization, Max \$1,092,700.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.100	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0025	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	3.000	Ea
0035	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0045	Sewer, Rem, Less than 24 inch	2030015	165.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	300.000	Ft
0055	Fence, Rem	2040025	1,336.000	Ft
0060	Guardrail, Rem	2040035	50.000	Ft
0065	Pavt, Rem	2040050	2,376.000	Syd
0070	Excavation, Earth	2050016	2,385.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	_ Embankment, CIP, Spec	2057021	13,733.000	Cyd
0085	Aggregate	2060005	83.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	66.000	Ft
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0110	Erosion Control, Sand Bag	2080028	90.000	Ea
0115	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0120	Erosion Control, Sediment Trap	2080034	5.000	Ea

0125	Erosion Control, Silt Fence	2080036	3,674.000	Ft
0130	Subbase, CIP	3010002	4,915.000	Cyd
0135	Aggregate Base, 4 inch	3020010	506.000	Syd
0140	Aggregate Base, 6 inch	3020016	9,021.000	Syd
0145	Aggregate Surface Cse, 6 inch	3060010	110.000	Syd
0150	Shld, CI II, 5 inch	3070127	891.000	Syd
0155	_ Shld, CI II, Modified	3077031	3,972.000	Ton
0160	Culv End Sect, 12 inch	4010012	1.000	Ea
0165	Culv End Sect, 18 inch	4010018	2.000	Ea
0170	Culv End Sect, 24 inch	4010024	1.000	Ea
0175	Culv End Sect, 30 inch	4010030	1.000	Ea
0180	Culv End Sect, Footing	4010072	5.000	Ea
0185	Dr Marker Post	4011109	16.000	Ea
0190	Outfall Label	4011115	5.000	Ea
0195	Culv, Outlet Headwall, 12 inch	4012000	4.000	Ea
0200	Culv End Sect 24 inch, Grate	4012024	1.000	Ea
0205	Sewer, CI A, 18 inch, Tr Det A	4020006	45.000	Ft
0210	Sewer, CI A, 24 inch, Tr Det A	4020007	147.000	Ft
0215	Sewer, CI A, 12 inch, Tr Det B	4020033	105.000	Ft
0220	Sewer, CI A, 24 inch, Tr Det B	4020036	78.000	Ft
0225	Sewer, CI A, 30 inch, Tr Det B	4020037	66.000	Ft
0230	Sewer, CI A, 12 inch, Tr Det C	4020063	176.000	Ft
0235	Sewer, CI B, 12 inch, Tr Det B	4020183	169.000	Ft
0240	Sewer, CI B, 24 inch, Tr Det B	4020186	160.000	Ft
0245	Video Taping Sewer and Culv Pipe	4021275	946.000	Ft
0250	Dr Structure Cover, Type B	4030010	4.000	Ea
0255	Dr Structure Cover, Type C	4030015	12.000	Ea
0260	Dr Structure, 24 inch dia	4030200	4.000	Ea
0265	Dr Structure, 48 inch dia	4030210	11.000	Ea
0270	Dr Structure, 72 inch dia	4030230	1.000	Ea
0275	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	43.000	Ft
0280	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	4.000	Ft
0285	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	2.000	Ft
0290	Underdrain, Subbase, 6 inch	4040063	3,480.000	Ft
0295	Underdrain Outlet, 6 inch	4040093	167.000	Ft
0300	Video Inspection of Underdrain	4040200	4,431.000	Ft
0305	_ Underdrain Outlet Ending, Modified	4047050	8.000	Ea
0310	Cold Milling HMA Surface	5010002	59.000	Syd
0315	HMA Surface, Rem	5010005	6,462.000	Syd
0320	HMA Quality Initiative	5010007	4,270.000	Dlr
0325	Pavt for Butt Joints, Rem	5010008	4,934.000	Syd
0330	Longit Joint Density Quality Initiative	5010018	5,140.000	Dlr
0335	HMA Approach	5010061	5.000	Ton

0340	HMA, 3EML	5012013	1,490.000	Ton
0345	HMA, 5EML	5012037	640.000	Ton
0350	Micro-Surface, Rutfilling	5040005	934.000	Ton
0355	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	145,644.000	Syd
0360	Joint, Expansion, E3	6020208	120.000	Ft
0365	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	178.000	Syd
0370	_ Timber Rub Rail	7097001	408.000	Ft
0375	Driveway, Nonreinf Conc, 7 inch	8010006	476.000	Syd
0380	Curb and Gutter, Conc, Det B1	8020015	57.000	Ft
0385	Curb and Gutter, Conc, Det D2	8020031	781.000	Ft
0390	_ Curb and Gutter, Bridge Approach, Det 5, Modified	8027001	80.000	Ft
0395	_ Curb, Conc, Det E1, Modified	8027001	80.000	Ft
0400	_ Spillway, Conc, Modified	8027001	92.000	Ft
0405	_ Shld Gutter, Conc, Det 2, Modified	8027050	4.000	Ea
0410	Detectable Warning Surface	8030010	20.000	Ft
0415	Curb Ramp Opening, Conc	8030030	26.000	Ft
0420	Sidewalk, Conc, 4 inch	8030044	3,795.000	Sft
0425	Sidewalk, Conc, 8 inch	8030048	400.000	Sft
0430	Curb Ramp, Conc, 6 inch	8032002	339.000	Sft
0435	Guardrail Approach Terminal, Type 2M	8070044	6.000	Ea
0440	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0445	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0450	Guardrail, Salv	8070075	2,317.000	Ft
0455	Guardrail Reflector	8070080	180.000	Ea
0460	Guardrail Height, Adj	8070100	390.000	Ft
0465	Guardrail Anch, Bridge, Det M4	8070133	4.000	Ea
0470	Guardrail, Reconst, Type MGS-8	8072078	1,043.000	Ft
0475	Guardrail, Curved, Type B-CRT	8072154	25.000	Ft
0480	Guardrail, Type MGS-8, 72 inch Post	8072179	2,450.000	Ft
0485	_ Fence, Ornamental Aluminum, 42 inch	8087001	200.000	Ft
0490	Delineator Reflector, Green	8100133	4.000	Ea
0495	Delineator, Rem	8100349	1.000	Ea
0500	Post, Rigid, Delineator	8100361	4.000	Ea
0505	Post, Steel, 3 pound	8100371	314.000	Ft
0510	Sign, Type III, Rem	8100403	19.000	Ea
0515	Sign, Type IIIA	8100404	54.000	Sft
0520	Sign, Type IIIB	8100405	54.000	Sft
0525	Reflective Panel for Permanent Sign Support, 3 foot	8100613	18.000	Ea
0530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	8.000	Ea
0535	Ground Mtd Sign Support, Rem	8102010	17.000	Ea
0540	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	300.000	Ft
0545	Pavt Mrkg, Waterborne, 4 inch, White	8110231	117,925.000	Ft
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	22,987.000	Ft
0555	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,556.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,923.000	Ft

0565	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	117,925.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	22,987.000	Ft
0575	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,556.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,923.000	Ft
0585	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,272.000	Ft
0590	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0595	Recessing Pavt Mrkg, Longit	8110450	7,207.000	Ft
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0605	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0610	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	650.000	Ea
0615	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	650.000	Ea
0620	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0625	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0630	Minor Traf Devices	8120170	1.000	LSUM
0635	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,250.000	Ft
0640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	14,700.000	Ft
0645	Plastic Drum, Fluorescent, Furn	8120252	42.000	Ea
0650	Plastic Drum, Fluorescent, Oper	8120253	42.000	Ea
0655	Sign Cover	8120310	4.000	Ea
0660	Sign, Portable, Changeable Message, Furn	8120330	9.000	Ea
0665	Sign, Portable, Changeable Message, Oper	8120331	9.000	Ea
0670	Sign, Type A, Temp, Prismatic, Furn	8120340	140.000	Sft
0675	Sign, Type A, Temp, Prismatic, Oper	8120341	140.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	2,189.000	Sft
0685	Sign, Type B, Temp, Prismatic, Oper	8120351	2,189.000	Sft
0690	Traf Regulator Control	8120370	1.000	LSUM
0695	Temp Rumble Strips (Orange), Stop Condition	8122186	1,100.000	Ft
0700	Riprap, Plain	8130010	254.000	Syd
0705	Ditch, Plain Cobble	8140005	31.000	Syd
0710	Slope Restoration, Non-Freeway, Type A	8162001	124.000	Syd
0715	Slope Restoration, Non-Freeway, Type B	8162002	3,437.000	Syd
0720	Slope Restoration, Non-Freeway, Type C	8162003	5,630.000	Syd
0725	Slope Restoration, Non-Freeway, Type D	8162004	51.000	Syd
0730	_ Bioretention Seeding	8167011	483.000	Syd
0735	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	1,382.000	Ft
0740	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	2,626.000	Ft
0745	Contractor Staking	8240001	1.000	LSUM
0750	Staking Plan Errors and Extras, Max \$180/hour	8240002	119.000	Hr

Section: 2

0755	Structures, Rem Portions (B01 of 26031)	2040061	1.000	LSUM
0760	Flowable Fill, Non-Structural	2050148	650.000	Cyd
0765	Backfill, Structure, CIP	2060002	710.000	Cyd

0770	Excavation, Fdn	2060010	3,790.000	Cyd
0775	_ Geotextile Reinforcement	2067011	19,465.000	Syd
0780	_ Geosynthetic Reinf Soil Granular Fill	2067021	1,255.000	Cyd
0785	Erosion Control, Filter Bag	2080014	6.000	Ea
0790	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0795	Erosion Control, Turbidity Curtain, Deep	2080042	140.000	Ft
0800	Aggregate Base	3020001	835.000	Ton
0805	Underdrain, Fdn, 4 inch	4040031	720.000	Ft
0810	Underdrain Outlet, 4 inch	4040091	64.000	Ft
0815	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0820	Steel Sheet Piling, Permanent	7040001	13,195.000	Sft
0825	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	800.000	Sft
0830	_ Cofferdam, Left in Place, Spec (B01 of 26031)	7047051	1.000	LSUM
0835	Pile Driving Equipment, Furn (B01 of 26031)	7050002	1.000	LSUM
0840	Pile, Steel, Furn and Driven, 12 inch	7050030	5,760.000	Ft
0845	Pile, Steel, Splice	7050050	76.000	Ea
0850	_ Test Pile, Dynamic Analysis	7057050	8.000	Ea
0855	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	4.000	Ea
0860	Bridge Ltg, Furn and Rem (B01 of 26031)	7060001	1.000	LSUM
0865	Bridge Ltg, Oper and Maintain	7060002	560.000	Cyd
0870	Elec Grounding System	7060040	1.000	Ea
0875	Expansion Joint Device	7060050	120.000	Ft
0880	Expansion Joint Device, Cover Plate	7060051	20.000	Ft
0885	False Decking	7060060	13,720.000	Sft
0890	Substructure Conc, High Performance	7060101	1,380.000	Cyd
0895	Superstructure Conc, Form, Finish, and Cure (B01 of 26031)	7060111	1.000	LSUM
0900	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 26031)	7060112	1.000	LSUM
0905	Superstructure Conc, High Performance	7060116	120.000	Cyd
0910	Superstructure Conc, Night Casting, High Performance	7060117	560.000	Cyd
0915	Sealing Localized Cracks (B01 of 26031)	7060220	1.000	LSUM
0920	Conc, Grade 3500, Subfooting	7062000	70.000	Cyd
0925	Conc, Grade 3500HP	7062002	205.000	Cyd
0930	_ Reinforcement, Steel, Low Carbon Chromium	7067030	237,538.000	Lb
0935	Bearing, Elastomeric, 2 3/4 inch	7070019	17,990.000	Sin
0940	Shear Developers (B01 of 26031)	7070040	1.000	LSUM
0945	Structural Steel, Mixed, Furn and Fab	7070051	3,360.000	Lb
0950	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	8,590.000	Lb
0955	Steel Diaphragm, Prest Conc Beam, Erect	7070054	8,590.000	Lb
0960	Prest Conc Bulb-Tee Beam, Furn, 48 inch by 49 inch	7080120	2,087.000	Ft
0965	Prest Conc Bulb-Tee Beam, Erect, 48 inch by 49 inch	7080121	2,087.000	Ft
0970	Joint Waterproofing	7100001	450.000	Sft
0975	Joint Waterproofing, Expansion	7100003	180.000	Sft
0980	Conc Surface Coating, Warranty (B01 of 26031)	7100009	1.000	LSUM

0985	Substructure Horizontal Surface Sealer (B01 of 26031)	7100030	62.000	Syd
0990	Bridge Railing, 4 Tube	7110010	555.000	Ft
0995	_ Structure, Temp, Rem and Transport (B01 of 26031)	7147051	1.000	LSUM
1000	_ Scour Monitoring System, Salv (B01 of 26031)	8007051	1.000	LSUM
1005	_ Fence, Ornamental Aluminum, 36 inch	8087001	651.000	Ft
1010	Riprap, Plain	8130011	6,983.000	Ton
1015	_ Riprap, Plain, Salv	8137031	3,591.000	Ton
1020	_ Riprap, Spec, Class II	8137031	2,801.000	Ton
1025	Structure Survey During Construction (B01 of 26031)	8240020	1.000	LSUM
