



12/2/2021 1:43 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 001**Letting Date:** January 7, 2022**Contract ID:** 47082-113529

Description: 3.20 mi of hot mix asphalt cold milling and resurfacing, guardrail, minor drainage improvements, signing and pavement markings on M-59 from west of Lakena Road to Tipsico Lake Road, Livingston County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113529A	22A0130	N/A	NH 47082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	3,234.000	Dlr
0010	Mobilization, Max \$1,051,100.00	1100001	1.000	LSUM
0015	Clearing	2010001	0.030	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0025	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0030	Dr Structure, Rem	2030011	38.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	1,499.000	Ft
0040	Curb and Gutter, Rem	2040020	23,795.000	Ft
0045	Guardrail, Rem	2040035	702.000	Ft
0050	Pavt, Rem	2040050	19,588.000	Syd
0055	Sidewalk, Rem	2040055	246.000	Syd
0060	Embankment, CIP	2050010	4,328.000	Cyd
0065	Excavation, Earth	2050016	19,983.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0075	Subgrade Undercutting, Type II	2050041	1,500.000	Cyd
0080	_ Subgrade Undercutting, Modified	2057021	1,500.000	Cyd
0085	Erosion Control, Check Dam, Stone	2080012	829.000	Ft
0090	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0095	Erosion Control, Inlet Protection, Fabric Drop	2080020	165.000	Ea
0100	Erosion Control, Inlet Protection, Sediment Trap	2080024	76.000	Ea
0105	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0110	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0115	Erosion Control, Sediment Trap	2080034	56.000	Ea
0120	Erosion Control, Silt Fence	2080036	7,546.000	Ft
0125	Project Cleanup	2090001	1.000	LSUM
0130	Subbase, CIP	3010002	7,892.000	Cyd
0135	Aggregate Base, 4 inch	3020010	337.000	Syd

0140	Aggregate Base, 6 inch	3020016	52,197.000	Syd
0145	Aggregate Base, 7 inch	3020018	1,442.000	Syd
0150	_ Aggregate Base, 7.5 inch	3027011	3,468.000	Syd
0155	_ Aggregate Base, 8.5 inch	3027011	1,128.000	Syd
0160	Maintenance Gravel	3060020	500.000	Ton
0165	Shld, CI II	3070121	1,853.000	Ton
0170	Culv End Sect, 12 inch	4010012	8.000	Ea
0175	Culv End Sect, 15 inch	4010015	1.000	Ea
0180	Culv End Sect, Conc, 12 inch	4010047	7.000	Ea
0185	Culv End Sect, Conc, 15 inch	4010048	2.000	Ea
0190	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0195	Culv End Sect, Metal, 12 inch	4010094	7.000	Ea
0200	Culv, CI F, 12 inch	4010607	144.000	Ft
0205	Dr Marker Post	4011109	25.000	Ea
0210	Sewer, CI A, 12 inch, Tr Det B	4020033	2,453.000	Ft
0215	Sewer Tap, 12 inch	4021204	3.000	Ea
0220	Video Taping Sewer and Culv Pipe	4021275	2,196.000	Ft
0225	Dr Structure Cover, Adj, Case 1	4030005	64.000	Ea
0230	Dr Structure Cover, Adj, Case 2	4030006	18.000	Ea
0235	Dr Structure Cover, Type B	4030010	36.000	Ea
0240	Dr Structure Cover, Type D	4030025	5.000	Ea
0245	Dr Structure Cover, Type G	4030040	2.000	Ea
0250	Dr Structure Cover, Type J	4030045	100.000	Ea
0255	Dr Structure, 24 inch dia	4030200	24.000	Ea
0260	Dr Structure, 48 inch dia	4030210	40.000	Ea
0265	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	54.000	Ft
0270	Dr Structure, Tap, 6 inch	4030306	37.000	Ea
0275	Dr Structure, Tap, 12 inch	4030312	35.000	Ea
0280	Underdrain, Subbase, 6 inch	4040063	2,236.000	Ft
0285	Underdrain, Subgrade, 6 inch	4040073	1,000.000	Ft
0290	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0295	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0300	Video Inspection of Underdrain	4040200	3,336.000	Ft
0305	Pavt, Cleaning	5010001	1.000	LSUM
0310	Cold Milling HMA Surface	5010002	102,632.000	Syd
0315	Bump Grinding	5010004	350.000	Syd
0320	HMA Surface, Rem	5010005	61,491.000	Syd
0325	HMA Quality Initiative	5010007	88,544.000	Dlr
0330	Longit Joint Density Quality Initiative	5010018	172,476.000	Dlr
0335	Pavt Joint and Crack Repr, Det 7	5010020	2,000.000	Ft
0340	Pavt Joint and Crack Repr, Det 8	5010021	5,000.000	Ft
0345	Hand Patching	5010025	600.000	Ton
0350	HMA Approach	5010061	16,609.000	Ton
0355	HMA, 2EMH	5012002	4,920.000	Ton

0360	HMA, 4EMH	5012026	12,207.000	Ton
0365	HMA, 5EMH	5012038	9,936.000	Ton
0370	_ Ride Incentive	5017060	373,044.000	Dlr
0375	Conc Base Cse, Nonreinf, 9 inch	6020021	117.000	Syd
0380	Joint, Contraction, Cp	6020200	40.000	Ft
0385	Joint, Contraction, Crg	6030020	2,560.000	Ft
0390	Lane Tie, Epoxy Anchored	6030030	1,200.000	Ea
0395	Pavt Repr, Nonreinf Conc, 8 inch	6030044	534.000	Syd
0400	Pavt Repr, Rem	6030080	534.000	Syd
0405	Saw Cut, Intermediate	6030090	50.000	Ft
0410	Driveway, Nonreinf Conc, 8 inch	8010007	366.000	Syd
0415	Curb and Gutter, Conc, Det B1	8020015	250.000	Ft
0420	Curb and Gutter, Conc, Det B2	8020016	23,245.000	Ft
0425	Driveway Opening, Conc, Det M	8020050	2,461.000	Ft
0430	Shld Gutter, Conc, Det 1	8020055	1.000	Ea
0435	Shld Gutter, Conc, Det 2	8020056	4.000	Ea
0440	Shld Gutter, Conc, Det 3	8020057	4.000	Ea
0445	Spillway, Conc	8020075	61.000	Ft
0450	Detectable Warning Surface	8030010	27.000	Ft
0455	Curb Ramp Opening, Conc	8030030	39.000	Ft
0460	Sidewalk, Conc, 6 inch	8030046	1,680.000	Sft
0465	Sidewalk, Conc, 8 inch	8030048	86.000	Sft
0470	Curb Ramp, Conc, 6 inch	8032002	273.000	Sft
0475	Guardrail, Type MGS-8	8070004	965.000	Ft
0480	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0485	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0490	Guardrail Reflector	8070080	21.000	Ea
0495	Post, Mailbox	8070095	8.000	Ea
0500	Delineator Reflector, Red	8100131	10.000	Ea
0505	Delineator Reflector, Yellow	8100132	132.000	Ea
0510	Delineator Reflector, Green	8100133	100.000	Ea
0515	Delineator Reflector, White	8100134	186.000	Ea
0520	Fdn, Wood Support, Rem	8100280	28.000	Ea
0525	Installing MDOT Supplied Sign, Type III	8100302	10.000	Ea
0530	Post, Rigid, Delineator	8100361	418.000	Ea
0535	Post, Steel, 3 lb	8100371	9,708.000	Ft
0540	Post, Wood, 4 inch by 6 inch	8100380	200.000	Ft
0545	Post, Wood, 6 inch by 8 inch	8100382	256.000	Ft
0550	Sign, Type IA	8100392	124.000	Sft
0555	Sign, Type II, Rem	8100397	70.000	Ea
0560	Sign, Type IIA	8100398	229.000	Sft
0565	Sign, Type IIB	8100399	22.000	Sft
0570	Sign, Type III, Erect, Salv	8100402	22.000	Ea
0575	Sign, Type III, Rem	8100403	384.000	Ea
0580	Sign, Type IIIA	8100404	1,245.000	Sft

0585	Sign, Type IIIB	8100405	1,112.000	Sft
0590	Sign, Type IVB	8100411	12.000	Sft
0595	Sign, Type VA	8100424	597.000	Sft
0600	Sign, Type VB	8100425	383.000	Sft
0605	Reflective Panel for Permanent Sign Support, 3 foot	8100613	116.000	Ea
0610	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0615	_ Enhanced Delineation, Unidirectional, Guardrail, Post Mtd	8107001	965.000	Ft
0620	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	745.000	Ft
0625	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,475.000	Ft
0630	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0635	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	57.000	Ea
0640	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	32.000	Ea
0645	Recessing Pavt Mrkg, Longit	8110450	74,998.000	Ft
0650	Recessing Pavt Mrkg, Transv	8110451	2,950.000	Sft
0655	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 4 inch, Yellow	8117001	1,012.000	Ft
0660	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, White	8117001	51,971.000	Ft
0665	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, Yellow	8117001	22,015.000	Ft
0670	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0675	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0680	Pedestrian Type II Barricade, Temp	8120026	2.000	Ea
0685	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0690	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	210.000	Ea
0695	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	210.000	Ea
0700	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0705	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0710	Minor Traf Devices	8120170	1.000	LSUM
0715	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	44,020.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	78,380.000	Ft
0725	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	54,060.000	Ft
0730	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	2,190.000	Ft
0735	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	49,390.000	Ft
0740	Plastic Drum, Fluorescent, Furn	8120252	700.000	Ea
0745	Plastic Drum, Fluorescent, Oper	8120253	700.000	Ea
0750	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	2.000	Ea
0755	Sign Cover	8120310	60.000	Ea
0760	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0765	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea

0770	Sign, Type A, Temp, Prismatic, Furn	8120340	300.000	Sft
0775	Sign, Type A, Temp, Prismatic, Oper	8120341	300.000	Sft
0780	Sign, Type B, Temp, Prismatic, Furn	8120350	2,800.000	Sft
0785	Sign, Type B, Temp, Prismatic, Oper	8120351	2,800.000	Sft
0790	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0795	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0800	Traf Regulator Control	8120370	1.000	LSUM
0805	Pavt Mrkg, Wet Reflective, Type R, Only	8122111	2.000	Ea
0810	Pedestrian Path, Temp	8122250	100.000	Ft
0815	Pedestrian Ramp, Temp	8122251	2.000	Ea
0820	Riprap, Plain	8130010	204.000	Syd
0825	_ Slope Restoration, Modified	8167011	38,407.000	Syd
0830	Monument Box	8210001	1.000	Ea
0835	Monument Preservation	8210010	1.000	Ea
0840	Protect Corners	8210020	1.000	Ea
0845	Gate Box, Adj, Case 1	8230431	1.000	Ea
0850	Contractor Staking	8240001	1.000	LSUM
0855	Staking Plan Errors and Extras, Max \$180/hour	8240002	113.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 220107 002**Letting Date:** January 7, 2022**Contract ID:** 14000-207724**Description:** Bridge reconstruction with 27 inch prestressed concrete box beams and approach work on Rudy Road over Dowagiac River, Cass County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
207724A	22A0016	N/A	HIPL 14000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$114,600.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	8.000	Sta
0015	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0020	Tree, Rem, 37 inch or Larger	2020003	2.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	43.000	Ea
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0035	Embankment, CIP	2050010	452.000	Cyd
0040	Excavation, Earth	2050016	1,063.000	Cyd
0045	Aggregate	2060005	6.000	Cyd
0050	Erosion Control, Silt Fence	2080036	1,375.000	Ft
0055	Subbase, CIP	3010002	1,058.000	Cyd
0060	Aggregate Base	3020001	879.000	Ton
0065	Shld, CI II	3070121	124.000	Ton
0070	Geotextile, Separator	3080005	16.000	Syd
0075	Culv End Sect, 18 inch	4010018	2.000	Ea
0080	Culv, CI A, 18 inch	4010133	53.000	Ft
0085	Video Taping Sewer and Culv Pipe	4021275	53.000	Ft
0090	HMA Surface, Rem	5010005	691.000	Syd
0095	HMA, 4EL	5012024	424.000	Ton
0100	Conc Pavt, Bridge Approach, Reinf	6020600	107.000	Syd
0105	Curb and Gutter, Bridge Approach, Det 6	8022017	62.000	Ft
0110	Guardrail, Type B	8070000	138.000	Ft
0115	Guardrail, Curved, Type B	8070010	25.000	Ft
0120	Guardrail Anch, Bridge, Det T2	8070023	4.000	Ea
0125	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0130	Guardrail Reflector	8070080	16.000	Ea
0135	_ Guardrail Approach Terminal, Type 2B	8077050	3.000	Ea
0140	Sign, Type III, Rem	8100403	6.000	Ea

0145	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,500.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	190.000	Ft
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	7.000	Ea
0160	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	7.000	Ea
0165	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	206.000	Sft
0175	Sign, Type B, Temp, Prismatic, Oper	8120351	206.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	105.000	Sft
0185	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	105.000	Sft
0190	Riprap, Plain	8130010	42.000	Syd
0195	_ Slope Restoration, Type A, Modified	8167011	260.000	Syd
0200	_ Slope Restoration, Type B, Modified	8167011	1,240.000	Syd
0205	_ Slope Restoration, Type C, Modified	8167011	270.000	Syd
0210	Contractor Staking	8240001	1.000	LSUM
0215	Staking Plan Errors and Extras, Max \$180/hour	8240002	25.000	Hr

Section: 2

0220	Structures, Rem	2040060	1.000	LSUM
0225	Backfill, Structure, CIP	2060002	204.000	Cyd
0230	Excavation, Fdn	2060010	1,034.000	Cyd
0235	Erosion Control, Filter Bag	2080014	4.000	Ea
0240	Erosion Control, Turbidity Curtain, Shallow	2080044	190.000	Ft
0245	Joint, Expansion, E3	6020208	66.000	Ft
0250	Cofferdams	7040007	1.000	LSUM
0255	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0260	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	1,603.000	Ft
0265	Test Pile, CIP Conc, 14 inch	7050023	4.000	Ea
0270	Pile Point, CIP Conc	7050025	28.000	Ea
0275	Pile, Steel, Splice	7050050	28.000	Ea
0280	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0285	Bridge Ltg, Oper and Maintain	7060002	59.000	Cyd
0290	False Decking	7060060	1,755.000	Sft
0295	Reinforcement, Steel, Epoxy Coated	7060092	18,380.000	Lb
0300	Substructure Conc	7060100	138.000	Cyd
0305	Superstructure Conc	7060110	13.000	Cyd
0310	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0315	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0320	Superstructure Conc, Night Casting	7060113	59.000	Cyd
0325	Sealing Localized Cracks	7060220	1.000	LSUM
0330	Conc, Grade 3500, Subfooting	7062000	159.000	Cyd
0335	Bearing, Elastomeric, 1 inch	7070012	3,306.000	Sin
0340	Prest Conc Box Beam, Furn, 27 inch	7080065	325.000	Ft
0345	Prest Conc Box Beam, Erect, 27 inch	7080066	325.000	Ft

0350	Joint Waterproofing	7100001	436.000	Sft
0355	_ Silane Treatment	7107010	1,866.000	Sft
0360	Bridge Railing, 2 Tube	7110008	108.000	Ft
0365	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	315.000	Ft
0370	_ Riprap, Heavy, Modified	8137011	178.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 220107 003**Letting Date:** January 7, 2022**Contract ID:** 13000-206776

Description: 3.85 mi of hot mix asphalt crushing, shaping and resurfacing, pave shoulders, trenching and pavement markings on 7 Mile Road from north of P Drive S to K Drive S and on K Drive S east to 7 1/2 Mile Road, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206776A	22A058	N/A	STL 13000
207425A	22A074	N/A	STUL 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$136,270.00	1100001	1.000	LSUM
0010	Pavt, Rem	2040050	111.000	Syd
0015	Embankment, CIP	2050010	200.000	Cyd
0020	Excavation, Earth	2050016	332.000	Cyd
0025	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0030	Erosion Control, Silt Fence	2080036	680.000	Ft
0035	Subbase, CIP	3010002	72.000	Cyd
0040	Aggregate Base	3020001	7,407.000	Ton
0045	HMA Base Crushing and Shaping	3050002	51,275.000	Syd
0050	Approach, CI I	3070001	252.000	Ton
0055	Trenching	3070200	407.000	Sta
0060	HMA Surface, Rem	5010005	312.000	Syd
0065	HMA, 4EML	5012025	7,404.000	Ton
0070	HMA, 5EML	5012037	5,833.000	Ton
0075	Curb and Gutter, Conc, Det B2	8020016	330.000	Ft
0080	Post, Mailbox	8070095	44.000	Ea
0085	Post, Steel, 3 lb	8100371	560.000	Ft
0090	Sign, Type III, Rem	8100403	30.000	Ea
0095	Sign, Type IIIA	8100404	27.000	Sft
0100	Sign, Type IIIB	8100405	151.000	Sft
0105	Sign, Type VB	8100425	32.000	Sft
0110	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	26,854.000	Ft
0115	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	40,680.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	13.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	13.000	Ea

0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	413.000	Ea
0135	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	413.000	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	Sign, Portable, Changeable Message, Furn	8120330	5.000	Ea
0160	Sign, Portable, Changeable Message, Oper	8120331	5.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	833.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	833.000	Sft
0175	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	230.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	230.000	Sft
0185	Traf Regulator Control	8120370	1.000	LSUM
0190	Fertilizer, Chemical Nutrient, CI A	8160020	493.000	Lb
0195	Mulch Blanket	8160027	13,560.000	Syd
0200	Seeding, Mixture TUF	8160042	616.000	Lb
0205	Topsoil Surface, Furn, LM	8160071	1,507.000	Cyd
0210	Monument Box	8210001	5.000	Ea
0215	Monument Preservation	8210010	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 220107 004**Letting Date:** January 7, 2022**Contract ID:** 03000-209862**Description:** Bridge reconstruction includes removal and replacement with 17 inch prestressed concrete beams and approach work on 138th Avenue over Pigeon Creek, Allegan County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209862A	22A0017	N/A	HIP 03000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$92,800.00	1100001	1.000	LSUM
0020	_ Clearing, Modified	2017002	6.000	Sta
0030	Guardrail, Rem	2040035	183.000	Ft
0040	Embankment, CIP	2050010	75.000	Cyd
0050	Excavation, Earth	2050016	1,250.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,012.000	Ft
0080	Subbase, CIP	3010002	900.000	Cyd
0090	Aggregate Base	3020001	340.000	Ton
0100	Aggregate Base, 8 inch	3020020	2,000.000	Syd
0110	Shld, CI II, 6 inch	3070128	140.000	Syd
0120	HMA Surface, Rem	5010005	1,682.000	Syd
0130	HMA, 4EL	5012024	414.000	Ton
0140	HMA, 5EL	5012036	210.000	Ton
0150	Curb and Gutter, Bridge Approach, Det 5	8022016	44.000	Ft
0160	Curb and Gutter, Bridge Approach, Det 6	8022017	69.000	Ft
0170	Guardrail, Type MGS-8	8070004	150.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0190	Guardrail Reflector	8070080	24.000	Ea
0200	Post, Mailbox	8070095	3.000	Ea
0210	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0220	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,100.000	Ft
0230	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,100.000	Ft
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0250	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0260	Minor Traf Devices	8120170	1.000	LSUM
0270	Sign, Type B, Temp, Prismatic, Furn	8120350	417.000	Sft

0280	Sign, Type B, Temp, Prismatic, Oper	8120351	417.000	Sft
0290	Ditch, Plain Cobble	8140005	20.000	Syd
0300	_ Slope Restoration, Modified	8167011	700.000	Syd

Section: 2

0310	Structures, Rem	2040060	1.000	LSUM
0320	Backfill, Structure, CIP	2060002	470.000	Cyd
0330	Excavation, Fdn	2060010	1,100.000	Cyd
0340	Erosion Control, Filter Bag	2080014	2.000	Ea
0350	_ Turbidity Curtain, Modified	2087001	136.000	Ft
0360	Underdrain, Fdn, 4 inch	4040031	228.000	Ft
0370	Underdrain Outlet, 4 inch	4040091	64.000	Ft
0380	Underdrain, Outlet Ending, 4 inch	4040111	8.000	Ea
0390	Joint, Expansion, E3	6020208	31.000	Ft
0400	Cofferdams	7040007	1.000	LSUM
0410	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0420	Pile, Steel, Furn and Driven, 12 inch	7050030	2,852.000	Ft
0430	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0440	Pile, Steel, Splice	7050050	48.000	Ea
0450	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0460	Bridge Ltg, Oper and Maintain	7060002	84.000	Cyd
0470	False Decking	7060060	782.000	Sft
0480	Reinforcement, Steel, Epoxy Coated	7060092	41,367.000	Lb
0490	Substructure Conc	7060100	222.000	Cyd
0500	Superstructure Conc	7060110	21.000	Cyd
0510	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0520	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0530	Superstructure Conc, Night Casting	7060113	84.000	Cyd
0540	Conc, Grade 3500, Subfooting	7062000	111.000	Cyd
0550	Bearing, Elastomeric, 1 inch	7070012	1,188.000	Sin
0560	Bearing, Elastomeric, 1 1/2 inch	7070014	1,188.000	Sin
0570	Prest Conc Box Beam, Furn, 17 inch	7080055	264.000	Ft
0580	Prest Conc Box Beam, Erect, 17 inch	7080056	264.000	Ft
0590	Joint Waterproofing	7100001	73.000	Sft
0600	Joint Waterproofing, Expansion	7100003	224.000	Sft
0610	_ Silane Treatment	7107010	860.000	Sft
0620	Bridge Railing, 2 Tube	7110008	77.000	Ft
0630	Riprap, Heavy	8130005	350.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 220107 005**Letting Date:** January 7, 2022**Contract ID:** 02042-120388

Description: 15.19 mi of hot mix asphalt roadway reconstruction including cold milling, crushing, shaping and resurfacing, widening for shoulders and center left turn lane, guardrail upgrades and pavement markings on M-28 in the city of Munising easterly to the county line, Alger County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
120388A	22A0129	N/A	HSIP 02042
131861A	22A0147	N/A	NH 02042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Railroad Protection, at Grade Crossing, Grand Elk Railroad	1027060	1,000.000	Dlr
0010	Mobilization, Max \$807,300.00	1100001	1.000	LSUM
0015	Tree, Rem, 6 inch to 18 inch	2020004	1.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	6.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	27.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	5.000	Ea
0035	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	7.000	Ft
0045	Curb and Gutter, Rem	2040020	886.000	Ft
0050	Guardrail, Rem	2040035	7,288.000	Ft
0055	Ditch Cleanout	2050006	21.000	Sta
0060	Embankment, CIP	2050010	1,338.000	Cyd
0065	Excavation, Channel	2050015	55.000	Cyd
0070	Excavation, Earth	2050016	1,995.000	Cyd
0075	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0080	Erosion Control, Check Dam, Stone	2080012	160.000	Ft
0085	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0090	Erosion Control, Inlet Protection, Sediment Trap	2080024	3.000	Ea
0095	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0100	Erosion Control, Sediment Trap	2080034	10.000	Ea
0105	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0110	Subbase, CIP	3010002	1,300.000	Cyd
0115	Aggregate Base	3020001	1,808.000	Ton
0120	HMA Base Crushing and Shaping	3050002	262,419.000	Syd

0125	Salv Crushed Material, LM	3050015	900.000	Cyd
0130	Aggregate Surface Cse, 6 inch	3060010	625.000	Syd
0135	Approach, CI II	3070021	212.000	Ton
0140	Shld, CI II	3070121	5,950.000	Ton
0145	Culv, CI A, Conc, 24 inch	4010168	56.000	Ft
0150	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	24.000	Ea
0155	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	6.000	Ea
0160	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	3.000	Ea
0165	_ Culv Cleanout	4017001	570.000	Ft
0170	Sewer, CI A, 12 inch, Tr Det B	4020033	37.000	Ft
0175	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0180	Dr Structure Cover, Adj, Case 2	4030006	4.000	Ea
0185	Dr Structure Cover, Type B	4030010	3.000	Ea
0190	Dr Structure Cover, Type E	4030035	6.000	Ea
0195	Dr Structure Cover, Type J	4030045	2.000	Ea
0200	Dr Structure, 48 inch dia	4030210	4.000	Ea
0205	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0210	Underdrain, Subgrade, Open-Graded, 6 inch	4040083	700.000	Ft
0215	Underdrain Outlet, 6 inch	4040093	60.000	Ft
0220	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
0225	Video Inspection of Underdrain	4040200	760.000	Ft
0230	Cold Milling HMA Surface	5010002	83,312.000	Syd
0235	Bump Grinding	5010004	500.000	Syd
0240	HMA Surface, Rem	5010005	7,559.000	Syd
0245	HMA Quality Initiative	5010007	123,136.000	Dlr
0250	Longit Joint Density Quality Initiative	5010018	278,920.000	Dlr
0255	Pavt Joint and Crack Repr, Det 7	5010020	700.000	Ft
0260	Pavt Joint and Crack Repr, Det 8	5010021	800.000	Ft
0265	Hand Patching	5010025	115.000	Ton
0270	HMA Approach	5010061	630.000	Ton
0275	HMA, 4EML	5012025	31,456.000	Ton
0280	HMA, 5EML	5012037	29,367.000	Ton
0285	_ Ride Incentive	5017060	129,230.000	Dlr
0290	Membrane, Preformed Waterproofing	7100008	6,688.000	Sft
0295	Bridge Railing, Thrie Beam Retrofit	7110006	476.000	Ft
0300	Curb and Gutter, Conc, Det B2	8020016	2,528.000	Ft
0305	Curb and Gutter, Conc, Det D2	8020031	325.000	Ft
0310	Curb Slp, HMA	8050010	3,500.000	Ft
0315	Guardrail, Type B	8070000	414.000	Ft
0320	Guardrail, Type MGS-8	8070004	6,025.000	Ft
0325	Guardrail, Curved, Type B	8070010	263.000	Ft
0330	Guardrail Approach Terminal, Type 2M	8070044	26.000	Ea
0335	Guardrail Departing Terminal, Type B	8070050	6.000	Ea
0340	Guardrail Reflector	8070080	333.000	Ea
0345	Guardrail Anch, Bridge, Det A3	8070150	14.000	Ea

0350	Fence, Moving	8080120	45.000	Ft
0355	Delineator Reflector, Green	8100133	30.000	Ea
0360	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	100.000	Ea
0365	Post, Flexible, Delineator	8100360	100.000	Ea
0370	Post, Rigid, Delineator	8100361	30.000	Ea
0375	Post, Steel, 3 lb	8100371	64.000	Ft
0380	Sign, Type II, Erect, Salv	8100396	39.000	Ea
0385	Sign, Type II, Rem	8100397	39.000	Ea
0390	Sign, Type IIA	8100398	15.000	Sft
0395	Sign, Type IIB	8100399	18.000	Sft
0400	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	6.000	Ea
0405	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	600.000	Ft
0410	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	72.000	Ft
0415	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0420	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0425	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
0430	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0435	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea
0440	Recessing Pavt Mrkg, Longit	8110450	240,050.000	Ft
0445	Protective Ovly, Snowmobile Trail Crossing	8110550	245.000	Syd
0450	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	169,050.000	Ft
0455	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	71,000.000	Ft
0460	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0465	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0470	Minor Traf Devices	8120170	1.000	LSUM
0475	Plastic Drum, Fluorescent, Furn	8120252	814.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	814.000	Ea
0485	Sign Cover	8120310	5.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	2,277.000	Sft
0495	Sign, Type B, Temp, Prismatic, Oper	8120351	2,277.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0505	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	6,180.000	Ft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	10,520.000	Ft
0515	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,160.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,640.000	Ft
0525	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, White, Temp	8122008	4,020.000	Ft
0530	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	8,360.000	Ft
0535	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0540	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0545	Slope Restoration, Non-Freeway, Type A	8162001	968.000	Syd

0550	Slope Restoration, Non-Freeway, Type B	8162002	86,837.000	Syd
0555	Monument Box	8210001	31.000	Ea
0560	Monument Box Adj	8210005	1.000	Ea
0565	Monument Preservation	8210010	32.000	Ea
0570	Centerline Corrugations, Milled, HMA	8220013	73,650.000	Ft
0575	Non-Freeway Shld Corrugations, Milled, HMA	8220025	88,150.000	Ft
0580	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	49,870.000	Ft
0585	Contractor Staking	8240001	1.000	LSUM
0590	Staking Plan Errors and Extras, Max \$180/hour	8240002	86.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 220107 006**Letting Date:** January 7, 2022**Contract ID:** 82052-210084

Description: 1.68 mi of hot mix asphalt cold milling and resurfacing and 2 bridge rehabilitations includes concrete curb, gutter and sidewalks, pavement joint and crack repairs, signal modernizations, lane extension modifications, drainage, guardrail, signing and pavement marking on US-24 from Van Born Road to Oxford Road in the cities of Dearborn and Dearborn Heights, Wayne County. This project contains a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210084A	22A0132	N/A	NH 82052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	7,676.000	Dlr
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$1,126,500.00	1100001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	3.000	Ea
0025	Tree, Rem, 6 inch to 18 inch	2020004	33.000	Ea
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0035	Dr Structure, Rem	2030011	17.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	319.000	Ft
0045	_ Edge Drain, Rem	2037001	151.000	Ft
0050	Curb and Gutter, Rem	2040020	25,866.000	Ft
0055	Guardrail, Rem	2040035	533.000	Ft
0060	Pavt, Rem	2040050	7,174.000	Syd
0065	Sidewalk, Rem	2040055	2,278.000	Syd
0070	Exploratory Investigation, Vertical	2040080	50.000	Ft
0075	Embankment, CIP	2050010	6,572.000	Cyd
0080	Excavation, Earth	2050016	25,711.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	200.000	Cyd
0095	Erosion Control, Check Dam, Stone	2080012	237.000	Ft
0100	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0105	Erosion Control, Inlet Protection, Fabric Drop	2080020	176.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0115	Erosion Control, Sand Bag	2080028	20.000	Ea
0120	Erosion Control, Sediment Trap	2080034	12.000	Ea
0125	Erosion Control, Silt Fence	2080036	7,000.000	Ft

0130	Project Cleanup	2090001	1.000	LSUM
0135	Aggregate Base, 3 inch	3020008	570.000	Syd
0140	Aggregate Base, 4 inch	3020010	11,117.000	Syd
0145	Aggregate Base, 6 inch	3020016	32,610.000	Syd
0150	Open-Graded Dr Cse, CIP	3030030	3,955.000	Cyd
0155	Approach, CI I, 6 inch	3070008	1,299.000	Syd
0160	Shld, CI II, 4 inch	3070126	1,643.000	Syd
0165	Shld, CI II, 4 inch, Temp	3070181	3,880.000	Syd
0170	Geotextile, Separator	3080005	10,387.000	Syd
0175	Sewer, CI A, 12 inch, Tr Det A	4020004	54.000	Ft
0180	Sewer, CI A, 12 inch, Tr Det B	4020033	1,459.000	Ft
0185	Sewer, CI A, 18 inch, Tr Det B	4020035	556.000	Ft
0190	Sewer, CI A, 24 inch, Tr Det B	4020036	1,639.000	Ft
0195	Sewer Tap, 12 inch	4021204	9.000	Ea
0200	Dr Structure Cover, Adj, Case 1, Modified	4030004	201.000	Ea
0205	Dr Structure Cover, Adj, Case 2	4030006	92.000	Ea
0210	Dr Structure Cover, Type B	4030010	87.000	Ea
0215	Dr Structure Cover, Type D	4030025	8.000	Ea
0220	Dr Structure Cover, Type G	4030040	12.000	Ea
0225	Dr Structure Cover, Type J	4030045	28.000	Ea
0230	Dr Structure Cover, Type K	4030050	99.000	Ea
0235	Dr Structure Lead, Cleaning, 12 inch	4030112	500.000	Ft
0240	Dr Structure, 24 inch dia	4030200	13.000	Ea
0245	Dr Structure, 48 inch dia	4030210	24.000	Ea
0250	Dr Structure, 60 inch dia	4030220	2.000	Ea
0255	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	61.000	Ft
0260	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	9.000	Ft
0265	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	7.000	Ft
0270	Dr Structure, Adj, Add Depth	4030280	22.000	Ft
0275	Dr Structure, Cleaning	4030290	160.000	Ea
0280	Dr Structure, Tap, 12 inch	4030312	30.000	Ea
0285	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0290	Dr Structure, Temp Lowering	4030390	38.000	Ea
0295	_ Dr Structure, Cementitious Coating	4037001	1,280.000	Ft
0300	_ Dr Structure, Reconstruct	4037001	560.000	Ft
0305	_ Accessible Dr Structure Cover	4037050	4.000	Ea
0310	_ Dr Structure Cover, Type B, Modified	4037050	27.000	Ea
0315	_ Dr Structure Cover, Type D, Modified	4037050	42.000	Ea
0320	Underdrain, Bank, Open-Graded, 8 inch	4040015	2,536.000	Ft
0325	Underdrain, Pipe, Open-Graded, 6 inch	4040043	3,100.000	Ft
0330	Video Inspection of Underdrain	4040200	5,636.000	Ft
0335	Pavt, Cleaning	5010001	1.000	LSUM
0340	Cold Milling HMA Surface	5010002	9,428.000	Syd

0345	HMA Surface, Rem	5010005	121,391.000	Syd
0350	HMA Quality Initiative	5010007	42,820.000	Dlr
0355	Longit Joint Density Quality Initiative	5010018	68,805.000	Dlr
0360	Pavt Joint and Crack Repr, Det 7	5010020	4,650.000	Ft
0365	Hand Patching	5010025	520.000	Ton
0370	HMA Approach	5010061	10.000	Ton
0375	HMA Approach, High Stress	5010520	3,389.000	Ton
0380	HMA, 4EL	5012024	23.000	Ton
0385	HMA, 4EMH, High Stress	5012074	9,177.000	Ton
0390	HMA, 5EMH, High Stress	5012086	8,291.000	Ton
0395	HMA, Temp Pavt (4EML)	5012103	6,530.000	Ton
0400	Conc Base Cse, Nonreinf, 10 inch	6020023	1,480.000	Syd
0405	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	15.000	Syd
0410	Conc Pavt, Misc, Nonreinf, 11 inch	6020060	382.000	Syd
0415	Conc Pavt, Nonreinf, 11 inch	6020110	5,443.000	Syd
0420	Joint, Contraction, Cp	6020200	3,240.000	Ft
0425	Joint, Expansion, E2	6020207	144.000	Ft
0430	Cement	6030005	4.000	Ton
0435	Lane Tie, Epoxy Anchored	6030030	12,066.000	Ea
0440	Non-Chloride Accelerator	6030035	56.000	Gal
0445	Pavt Repr, Nonreinf Conc, 11 inch	6030050	200.000	Syd
0450	Pavt Repr, Rem	6030080	200.000	Syd
0455	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0460	Driveway, Nonreinf Conc, 8 inch	8010007	637.000	Syd
0465	Curb and Gutter, Conc, Det B2	8020016	6,689.000	Ft
0470	Curb and Gutter, Conc, Det B3	8020017	1,939.000	Ft
0475	Curb and Gutter, Conc, Det F3	8020037	360.000	Ft
0480	Curb and Gutter, Conc, Det F5	8020039	1,735.000	Ft
0485	Driveway Opening, Conc, Det M	8020050	1,129.000	Ft
0490	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0495	Spillway, Conc	8020075	1.000	Ft
0500	_ Curb and Gutter, Conc, Det B3, Modified	8027001	310.000	Ft
0505	_ Curb and Gutter, Conc, Det F5, Modified	8027001	12,444.000	Ft
0510	Detectable Warning Surface	8030010	584.000	Ft
0515	Curb Ramp Opening, Conc	8030030	1,082.000	Ft
0520	Sidewalk, Conc, 6 inch	8030046	19,019.000	Sft
0525	Sidewalk, Conc, 8 inch	8030048	1,511.000	Sft
0530	Curb Ramp, Conc, 6 inch	8032002	6,151.000	Sft
0535	Curb Slp, HMA	8050010	610.000	Ft
0540	Guardrail, Type MGS-8 `	8070004	125.000	Ft
0545	Guardrail, Curved, Type MGS-8	8070012	38.000	Ft
0550	Guardrail, Type MGS-8, Temp	8070013	100.000	Ft
0555	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0560	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0565	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea

0570	Guardrail Reflector	8070080	16.000	Ea
0575	Guardrail Anch, Bridge, Det M1	8070130	5.000	Ea
0580	Delineator Reflector, Green	8100133	6.000	Ea
0585	Fdn, Wood Support, Rem	8100280	55.000	Ea
0590	Installing MDOT Supplied Sign, Type II	8100301	1.000	Ea
0595	Installing MDOT Supplied Sign, Type III	8100302	8.000	Ea
0600	Post Hole Through Conc for Steel Post	8100340	14.000	Ea
0605	Post, Rigid, Delineator	8100361	6.000	Ea
0610	Post, Steel, 3 lb	8100371	8,780.000	Ft
0615	Post, Wood, 4 inch by 6 inch	8100380	574.000	Ft
0620	Post, Wood, 6 inch by 8 inch	8100382	344.000	Ft
0625	Sign, Type I, Rem	8100391	3.000	Ea
0630	Sign, Type II, Erect, Salv	8100396	11.000	Ea
0635	Sign, Type II, Rem	8100397	77.000	Ea
0640	Sign, Type IIA	8100398	694.000	Sft
0645	Sign, Type IIB	8100399	11.000	Sft
0650	Sign, Type III, Erect, Salv	8100402	90.000	Ea
0655	Sign, Type III, Rem	8100403	481.000	Ea
0660	Sign, Type IIIA	8100404	1,008.000	Sft
0665	Sign, Type IIIB	8100405	1,356.000	Sft
0670	Installing MDOT Supplied Sign, Type V	8100423	1.000	Ea
0675	Sign, Type VA	8100424	347.000	Sft
0680	Sign, Type VB	8100425	331.000	Sft
0685	Reflective Panel for Permanent Sign Support, 3 foot	8100613	102.000	Ea
0690	Reflective Panel for Permanent Sign Support, 6 foot	8100616	162.000	Ea
0695	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	1,497.000	Ft
0700	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	596.000	Ft
0705	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	30.000	Ea
0710	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	2.000	Ea
0715	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, School	8110074	7.000	Ea
0725	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	690.000	Ft
0730	Rem Spec Mrkg	8110343	630.000	Sft
0735	Recessing Pavt Mrkg, Longit	8110450	23,273.000	Ft
0740	Recessing Pavt Mrkg, Transv	8110451	4,003.000	Sft
0745	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	12.000	Ft
0750	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	17,793.000	Ft
0755	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	290.000	Ft
0760	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	5,212.000	Ft
0765	_ Lane Separator System, White	8117001	1,154.000	Ft
0770	_ Lane Separator System, Yellow	8117001	1,593.000	Ft
0775	_ Pavt Mrkg, Preformed Thermopl, I-94 Route Shield, 8 foot by 16 foot	8117050	1.000	Ea
0780	_ Pavt Mrkg, Preformed Thermopl, West	8117050	1.000	Ea

0785	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	162.000	Ea
0790	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	162.000	Ea
0795	Pedestrian Type II Barricade, Temp	8120026	76.000	Ea
0800	Pedestrian Type II Channelizer, Temp	8120027	2,200.000	Ft
0805	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0810	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0815	Conc Barrier, Temp, Furn	8120081	138.000	Ft
0820	Conc Barrier, Temp, Oper	8120082	138.000	Ft
0825	Culv, Temp	8120090	2.000	Ea
0830	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0835	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0840	Minor Traf Devices	8120170	1.000	LSUM
0845	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	101,340.000	Ft
0850	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	480.000	Ft
0855	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	71,660.000	Ft
0860	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	47,160.000	Ft
0865	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	46,820.000	Ft
0870	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	22,130.000	Ft
0875	Plastic Drum, Fluorescent, Furn	8120252	750.000	Ea
0880	Plastic Drum, Fluorescent, Oper	8120253	750.000	Ea
0885	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	500.000	Ft
0890	Sign Cover	8120310	50.000	Ea
0895	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	9.000	Ea
0900	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	9.000	Ea
0905	Sign, Type B, Temp, Prismatic, Furn	8120350	11,770.000	Sft
0910	Sign, Type B, Temp, Prismatic, Oper	8120351	11,770.000	Sft
0915	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	320.000	Sft
0920	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	320.000	Sft
0925	Speed Radar Trailer, Temp	8122028	2.000	Ea
0930	Delineator, Panels, Temp, Furn	8122032	32.000	Ea
0935	Delineator, Panels, Temp, Oper	8122034	32.000	Ea
0940	Pedestrian Path, Temp	8122250	440.000	Ft
0945	Pedestrian Ramp, Temp	8122251	37.000	Ea
0950	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
0955	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
0960	_ Safety Contingency	8127060	40,000.000	Dlr
0965	Riprap, Plain	8130010	1.000	Syd
0970	Site Preparation, Max \$11,480.00	8150001	1.000	LSUM

0975	Watering and Cultivating, First Season, Min \$5,576.00	8150002	1.000	LSUM
0980	Watering and Cultivating, 2nd Season, Min \$6,888.00	8150003	1.000	LSUM
0985	Acer x freemanii 'Autumn Blaze', 1 1/2 inch	8150220	15.000	Ea
0990	Betula nigra 'Heritage', tree form, 1 3/4 inch	8150532	10.000	Ea
0995	Catalpa speciosa, 1 1/2 inch	8150765	10.000	Ea
1000	Celtis occidentalis, 1 1/2 inch	8150778	10.000	Ea
1005	Crataegus crusgalli 'Inermis', tree form, 1 1/2 inch	8151130	12.000	Ea
1010	Gymnocladus dioicus, 1 1/2 inch	8151674	15.000	Ea
1015	Malus 'Centurion', 1 1/2 inch	8152295	14.000	Ea
1020	Malus 'Sugar Tyme', 1 1/2 inch	8152334	16.000	Ea
1025	Picea abies, 4 foot	8152740	10.000	Ea
1030	Pinus nigra, 4 foot	8152841	10.000	Ea
1035	Syringa reticulata 'Ivory Silk', 1 1/2 inch	8153716	12.000	Ea
1040	Taxodium distichum, 1 1/2 inch	8153744	10.000	Ea
1045	Tilia cordata 'Greenspire', 1 1/2 inch	8153860	10.000	Ea
1050	_ Horticultural Work	8157040	16.000	Hr
1055	_ Tilia cordata 'Halka', 1 1/2 inch	8157050	6.000	Ea
1060	_ Turf Establishment, Performance	8167011	27,857.000	Syd
1065	Conduit, Directional Bore, 1, 1 1/2 inch	8182034	50.000	Ft
1070	Conduit, Directional Bore, 1, 3 inch	8182035	100.000	Ft
1075	Conduit, DB, 1, 1 1/2 inch	8182048	390.000	Ft
1080	Conduit, DB, 3, 3 inch	8182056	300.000	Ft
1085	Conduit, DB, 4, 3 inch	8182059	60.000	Ft
1090	Cable, Rem	8182196	100.000	Ft
1095	Cable, Intercn, Rem	8182198	5,000.000	Ft
1100	Cable, Sec, 600V, 1, 3/C#6	8182238	600.000	Ft
1105	Hh, Polymer Conc	8182309	12.000	Ea
1110	Hh, Round	8182310	23.000	Ea
1115	Hh, Round, 3 foot dia	8182319	6.000	Ea
1120	Hh, Rem	8182330	20.000	Ea
1125	Wood Pole, Rem	8182363	1.000	Ea
1130	Serv Disconnect	8182366	6.000	Ea
1135	Serv Disconnect, Rem	8182367	5.000	Ea
1140	_ Cable, Shielded, 600V, 1, 2/C#16, Pushbutton	8187001	275.000	Ft
1145	_ Conduit, DB, 1, 1 inch	8187001	85.000	Ft
1150	Case Sign, Rem	8200020	12.000	Ea
1155	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	21.000	Ea
1160	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
1165	Controller and Cabinet, Rem	8200030	6.000	Ea
1170	Controller Fdn, Base Mtd	8200045	6.000	Ea
1175	Controller Fdn, Rem	8200046	1.000	Ea
1180	Global Positioning System Module	8200050	6.000	Ea
1185	Global Positioning System Module, Rem	8200053	6.000	Ea
1190	Fdn, Rem	8200065	13.000	Ea
1195	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	6.000	Ea

1200	Pedestal, Alum	8200100	5.000	Ea
1205	Pedestal, Alum, Salv	8200101	1.000	Ea
1210	Pedestal, Fdn	8200105	7.000	Ea
1215	Pedestal Fdn, Rem	8200106	12.000	Ea
1220	Pedestal, Rem	8200110	12.000	Ea
1225	Power Co. (Est. Cost to Contractor)	8200116	17,000.000	Dlr
1230	Pushbutton and Sign	8200121	2.000	Ea
1235	Pushbutton, Rem	8200122	1.000	Ea
1240	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
1245	Pushbutton and Sign, Salv	8200126	1.000	Ea
1250	Span Wire	8200140	22.000	Ea
1255	Span Wire, Rem	8200141	9.000	Ea
1260	Span Wire Tether	8200142	22.000	Ea
1265	Steel Pole, Rem	8200145	13.000	Ea
1270	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1275	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	14.000	Ea
1280	TS, Pedestrian, Pedestal Mtd, Rem	8200181	11.000	Ea
1285	TS, Span Wire Mtd, Rem	8200182	18.000	Ea
1290	Cabinet, Rem	8200184	1.000	Ea
1295	Cabinet, NEMA Type	8200186	6.000	Ea
1300	TS, Pedestrian, One Way Pedestal Mtd, Salv	8200236	1.000	Ea
1305	TS, One Way Span Wire Mtd (LED)	8200313	63.000	Ea
1310	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
1315	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1320	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	15.000	Ea
1325	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
1330	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	5.000	Ea
1335	Wireless Interchn, Closed Loop, Rem	8200396	6.000	Ea
1340	Wireless Vehicle Sensor Node, Salv	8200427	2.000	Ea
1345	TS Head, Adj	8200452	38.000	Ea
1350	Junction Box, Span Wire	8200456	22.000	Ea
1355	Junction Box, Rem	8200457	9.000	Ea
1360	TS Face, Bag	8200458	105.000	Ea
1365	TS Face, Bag, Rem	8200459	105.000	Ea
1370	Strain Pole, Steel, 6 bolt, 30 foot	8200460	25.000	Ea
1375	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
1380	Strain Pole Fdn, 6 Bolt	8200470	447.000	Ft
1385	Casing	8200480	338.000	Ft
1390	Cellular Modem, TS, 4th G	8200498	6.000	Ea
1395	Backplate, TS	8200501	63.000	Ea
1400	_ Controller, NEMA, ATC Type	8207050	6.000	Ea
1405	Monument Box	8210001	3.000	Ea
1410	Monument Box Adj	8210005	4.000	Ea

1415	Monument Preservation	8210010	4.000	Ea
1420	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
1425	Gate Box, Adj, Case 1	8230431	7.000	Ea
1430	Gate Box, Adj, Case 2	8230432	1.000	Ea
1435	Contractor Staking	8240001	1.000	LSUM
1440	Staking Plan Errors and Extras, Max \$180/hour	8240002	116.000	Hr
1445	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1450	Lightning Protection, Pole	8260021	6.000	Ea

Section: 2

1455	HMA Patch, Rem	5010006	15.000	Syd
1460	False Decking	7060060	1,826.000	Sft
1465	Reinforcement, Steel, Epoxy Coated	7060092	550.000	Lb
1470	_ Silane Treatment	7107010	458.000	Sft
1475	Hand Chipping, Shallow	7120003	3.000	Syd
1480	Hand Chipping, Deep	7120004	7.000	Syd
1485	Hand Chipping, Other Than Deck	7120007	23.000	Cft
1490	Patch, Full Depth	7120010	7.000	Cyd
1495	Patch, Forming	7120017	96.000	Sft
1500	Epoxy Ovly	7120020	684.000	Syd
1505	Epoxy Ovly, Rem	7120021	384.000	Syd
1510	Reinforcement, Mechanical Splice	7120084	100.000	Ea
1515	Flushing Cracks, Water	7120098	200.000	Ft
1520	Structural Crack, Repr	7120099	200.000	Ft
1525	Patching Conc, C-L	7120112	4.000	Cyd
1530	Embedded Galvanic Anode	7120120	39.000	Ea
1535	Hand Chipping, Full Depth	7122000	168.000	Cft
1540	_ Bridge Joints, Clean and Seal	7127001	129.000	Ft
1545	_ Hand Chipping, Spec	7127010	150.000	Sft
1550	_ Latex Modified Conc, Spec	7127021	2.000	Cyd



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 007**Letting Date:** January 7, 2022**Contract ID:** 11011-203695

Description: 5.12 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs, railroad approach resurfacing and pavement markings on US-12 from the Indiana/Michigan state line northerly to Red Arrow Highway in the city of New Buffalo, Berrien County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203695A	N/A	N/A	M 11011
203697A	22A0149	N/A	ST 11011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	4,800.000	Dlr
0010	Mobilization, Max \$240,600.00	1100001	1.000	LSUM
0015	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0020	Erosion Control, Maintenance, Sediment Rem	2080026	1.000	Cyd
0025	Maintenance Gravel, LM	3060021	100.000	Cyd
0030	Cold Milling HMA Surface	5010002	182,655.000	Syd
0035	Bump Grinding	5010004	200.000	Syd
0040	HMA Quality Initiative	5010007	32,988.000	Dlr
0045	Longit Joint Density Quality Initiative	5010018	81,704.000	Dlr
0050	Pavt Joint and Crack Repr, Det 7	5010020	2,860.000	Ft
0055	Pavt Joint and Crack Repr, Det 8	5010021	759.000	Ft
0060	Hand Patching	5010025	495.000	Ton
0065	HMA Approach	5010061	1,043.000	Ton
0070	HMA, 5EML	5012037	14,956.000	Ton
0075	Micro-Surface, Longit	5042005	16,000.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	1,010.000	Ft
0085	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	262.000	Ft
0090	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0095	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	56,837.000	Ft
0105	Pavt Mrkg, Waterborne, 6 inch, White	8110233	62,120.000	Ft
0110	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	56,837.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	62,120.000	Ft
0120	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea

0130	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	238.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	238.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	34,782.000	Ft
0165	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	59,348.000	Ft
0170	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	63,700.000	Ft
0175	Sign Cover	8120310	11.000	Ea
0180	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0185	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	1,281.000	Sft
0195	Sign, Type B, Temp, Prismatic, Oper	8120351	1,281.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM
0205	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	29,231.000	Ft
0210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	25,414.000	Ft
0215	Monument Box	8210001	2.000	Ea
0220	Monument Box Adj	8210005	2.000	Ea
0225	Monument Preservation	8210010	2.000	Ea
0230	Protect Corners	8210020	4.000	Ea
0235	Centerline Corrugations, Milled, HMA	8220013	14,663.000	Ft
0240	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	29,980.000	Ft
0245	Contractor Staking	8240001	1.000	LSUM
0250	Staking Plan Errors and Extras, Max \$180/hour	8240002	27.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 008**Letting Date:** January 7, 2022**Contract ID:** 33082-113491

Description: 3.15 mi of full width concrete reconstruction and hot mix asphalt cold milling and resurfacing, joint and crack repairs, intermittent curb and gutter replacement, spot drainage repairs, sidewalk ramp upgrades, water main work and pavement markings on M-43 from Park Lake Road easterly to Oak Pointe Court, Ingham County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113491A	22A0126	N/A	ST 33082

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	50,913.000	Dlr
0010	Mobilization, Max \$1,158,000.00	1100001	1.000	LSUM
0015	Clearing	2010001	3.600	Acre
0020	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0025	Dr Structure, Abandon	2030010	5.000	Ea
0030	Dr Structure, Rem	2030011	33.000	Ea
0035	Sewer, Rem, Less than 24 inch	2030015	2,034.000	Ft
0040	Sewer, Rem, 24 inch to 48 inch	2030016	385.000	Ft
0045	Sewer, Rem, Over 48 inch	2030017	138.000	Ft
0050	_ Monitoring Well, Abandon	2037050	2.000	Ea
0055	Curb and Gutter, Rem	2040020	6,477.000	Ft
0060	Pavt, Rem	2040050	18,188.000	Syd
0065	Sidewalk, Rem	2040055	4,578.000	Syd
0070	Exploratory Investigation, Vertical	2040080	150.000	Ft
0075	Embankment, CIP	2050010	28,547.000	Cyd
0080	Excavation, Earth	2050016	30,420.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	19,780.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0095	Flowable Fill, Non-Structural	2050148	269.000	Cyd
0100	_ Embankment, CIP, Spec	2057021	19,780.000	Cyd
0105	_ Excavation, Unclassified	2057021	19,780.000	Cyd
0110	Erosion Control, Filter Bag	2080014	2.000	Ea
0115	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0120	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0125	Erosion Control, Inlet Protection, Fabric Drop	2080020	181.000	Ea

0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	38.000	Ea
0135	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0140	Erosion Control, Silt Fence	2080036	2,865.000	Ft
0145	Erosion Control, Turbidity Curtain, Shallow	2080044	1,100.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0155	Subbase, CIP	3010002	11,202.000	Cyd
0160	Aggregate Base, 6 inch	3020016	22,135.000	Syd
0165	Road Grade Biaxial Geogrid	3082002	20,928.000	Syd
0170	Culv End Sect, Footing	4010072	1.000	Ea
0175	Culv End Sect 12 inch, Grate	4012020	1.000	Ea
0180	Sewer, Cl A, 12 inch, Tr Det B	4020033	2,259.000	Ft
0185	Sewer, Cl A, 15 inch, Tr Det B	4020034	8.000	Ft
0190	Sewer, Cl A, 24 inch, Tr Det B	4020036	33.000	Ft
0195	Sewer, Cl A, 30 inch, Tr Det B	4020037	1,185.000	Ft
0200	Sewer, Cl A, 66 inch, Tr Det B	4020043	261.000	Ft
0205	Sewer, Cl A, 12 inch, Tr Det E	4020123	27.000	Ft
0210	Sewer, Cl A, 24 inch, Tr Det E	4020126	130.000	Ft
0215	Sewer, Cl E, 12 inch, Tr Det B	4020600	126.000	Ft
0220	Sewer Tap, 12 inch	4021204	6.000	Ea
0225	Sewer Bulkhead, 30 inch	4021236	2.000	Ea
0230	Video Taping Sewer and Culv Pipe	4021275	4,021.000	Ft
0235	_ Bypass Pumping, Storm Sewer	4027050	3.000	Ea
0240	Dr Structure Cover, Adj, Case 1, Modified	4030004	34.000	Ea
0245	Dr Structure Cover, Adj, Case 1	4030005	20.000	Ea
0250	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0255	Dr Structure Cover, Type B	4030010	36.000	Ea
0260	Dr Structure Cover, Type E	4030035	1.000	Ea
0265	Dr Structure Cover, Type K	4030050	59.000	Ea
0270	Dr Structure Cover, Type Q	4030065	24.000	Ea
0275	Dr Structure, 48 inch dia	4030210	60.000	Ea
0280	Dr Structure, 60 inch dia	4030220	6.000	Ea
0285	Dr Structure, 72 inch dia	4030230	2.000	Ea
0290	Dr Structure, 96 inch dia	4030234	3.000	Ea
0295	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	5.000	Ft
0300	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0305	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	11.000	Ft
0310	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	3.000	Ft
0315	Dr Structure, Adj, Add Depth	4030280	12.000	Ft
0320	Dr Structure, Tap, 12 inch	4030312	10.000	Ea
0325	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
0330	Dr Structure, Temp Lowering	4030390	34.000	Ea
0335	_ Dr Structure, Reconstruct	4037001	15.000	Ft

0340	_ Accessible Dr Structure Cover	4037050	4.000	Ea
0345	_ Dr Structure Cover, Type Q, Modified	4037050	5.000	Ea
0350	_ Stormwater Hydrodynamic Separator No. 1	4037051	1.000	LSUM
0355	_ Stormwater Hydrodynamic Separator No. 2	4037051	1.000	LSUM
0360	Underdrain, Pipe, Open-Graded, 6 inch	4040043	4,462.000	Ft
0365	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0370	Underdrain Outlet, 6 inch	4040093	890.000	Ft
0375	Video Inspection of Underdrain	4040200	4,462.000	Ft
0380	Pavt, Cleaning	5010001	1.000	LSUM
0385	Cold Milling HMA Surface	5010002	97,918.000	Syd
0390	Bump Grinding	5010004	100.000	Syd
0395	HMA Surface, Rem	5010005	18,917.000	Syd
0400	HMA Quality Initiative	5010007	40,086.000	Dlr
0405	Longit Joint Density Quality Initiative	5010018	56,184.000	Dlr
0410	Pavt Joint and Crack Repr, Det 7	5010020	12,000.000	Ft
0415	Pavt Joint and Crack Repr, Det 8	5010021	1,600.000	Ft
0420	Hand Patching	5010025	760.000	Ton
0425	HMA Approach, High Stress	5010520	2,079.000	Ton
0430	HMA, 4EML, High Stress	5012073	10,181.000	Ton
0435	HMA, 5EML, High Stress	5012085	7,783.000	Ton
0440	Conc Base Cse, Nonreinf, 6 inch	6020015	675.000	Syd
0445	Conc Base Cse, Nonreinf, 9 inch	6020021	50.000	Syd
0450	Joint, Contraction, Cp	6020200	9,491.000	Ft
0455	Joint, Expansion, E2, Intersection	6020270	199.000	Ft
0460	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	17,911.000	Syd
0465	Joint, Contraction, Crg	6030020	353.000	Ft
0470	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	20,257.000	Sft
0475	_ Steel Sheet Piling, Temp, Spec	7047010	21,433.000	Sft
0480	_ Maintaining Water Sprinkler System	8007050	5.000	Ea
0485	_ Dewatering System for Petroleum Contaminated Groundwater, Site	8007051	1.000	LSUM
0490	Driveway, Nonreinf Conc, 6 inch	8010005	704.000	Syd
0495	Curb, Conc, Det E2	8020002	74.000	Ft
0500	Curb and Gutter, Conc, Det B2	8020016	39.000	Ft
0505	Curb and Gutter, Conc, Det C5	8020024	125.000	Ft
0510	Curb and Gutter, Conc, Det F3	8020037	143.000	Ft
0515	Curb and Gutter, Conc, Det F4	8020038	136.000	Ft
0520	Curb and Gutter, Conc, Det F5	8020039	4,216.000	Ft
0525	Curb and Gutter, Conc, Det F6	8020040	173.000	Ft
0530	Driveway Opening, Conc, Det M	8020050	628.000	Ft
0535	_ Curb and Gutter, Conc, Det F4, Modified	8027001	387.000	Ft
0540	Detectable Warning Surface	8030010	604.000	Ft
0545	Curb Ramp Opening, Conc	8030030	830.000	Ft
0550	_ Curb Ramp, Conc, 4 inch, Spec	8037010	11,493.000	Sft
0555	_ Curb Ramp, Conc, 6 inch, Spec	8037010	504.000	Sft

0560	_ Decorative Conc, Surface, 4 inch	8037010	108.000	Sft
0565	_ Decorative Conc, Surface, 6 inch	8037010	1,113.000	Sft
0570	_ Sidewalk, Conc, 4 inch, Spec	8037010	21,634.000	Sft
0575	_ Sidewalk, Conc, 6 inch, Spec	8037010	3,394.000	Sft
0580	Fence, Protective	8080007	3,000.000	Ft
0585	Fence Gate, 12 foot, for 48 inch Chain Link Fence, Vinyl Coated	8082033	1.000	Ft
0590	_ Fence, Ornamental Aluminum, 42 inch	8087001	788.000	Ft
0595	Fdn, Wood Support, Rem	8100280	4.000	Ea
0600	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0605	Post, Steel, 3 lb	8100371	553.000	Ft
0610	Post, Wood, 4 inch by 6 inch	8100380	60.000	Ft
0615	Sign, Type II, Rem	8100397	2.000	Ea
0620	Sign, Type IIA	8100398	28.000	Sft
0625	Sign, Type III, Erect, Salv	8100402	12.000	Ea
0630	Sign, Type III, Rem	8100403	31.000	Ea
0635	Sign, Type IIIA	8100404	57.000	Sft
0640	Sign, Type IIIB	8100405	193.000	Sft
0645	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0650	Sign, Type III, Rem, Salv	8102003	3.000	Ea
0655	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	2,459.000	Ft
0660	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	749.000	Ft
0665	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	24.000	Ea
0670	Pavt Mrkg, Polyurea, Only	8110410	32.000	Ea
0675	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
0680	Recessing Pavt Mrkg, Longit	8110450	85,735.000	Ft
0685	Recessing Pavt Mrkg, Transv	8110451	4,833.000	Sft
0690	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	42,312.000	Ft
0695	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	18.000	Ft
0700	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	43,424.000	Ft
0705	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0710	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0715	Pedestrian Type II Barricade, Temp	8120026	30.000	Ea
0720	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0725	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	113.000	Ea
0730	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	113.000	Ea
0735	Conc Barrier Ending, Temp, Det 2, Adj	8120040	8.000	Ea
0740	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0745	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0750	Conc Barrier, Temp, Adj	8120080	5,280.000	Ft
0755	Conc Barrier, Temp, Furn	8120081	2,640.000	Ft
0760	Conc Barrier, Temp, Oper	8120082	2,640.000	Ft
0765	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0770	High Intensity Light, Type B, Oper	8120111	4.000	Ea

0775	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0780	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0785	Lighted Arrow, Type C, Standby	8120142	1.000	Ea
0790	Minor Traf Devices	8120170	1.000	LSUM
0795	Mobile Attenuator	8120180	2.000	Ea
0800	Plastic Drum, Fluorescent, Furn	8120252	830.000	Ea
0805	Plastic Drum, Fluorescent, Oper	8120253	830.000	Ea
0810	Sign Cover	8120310	21.000	Ea
0815	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0820	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0825	Sign, Type B, Temp, Prismatic, Furn	8120350	1,168.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	1,168.000	Sft
0835	Traf Regulator Control	8120370	1.000	LSUM
0840	Portable Water Filled Barrier, Furn	8120410	400.000	Ft
0845	Portable Water Filled Barrier, Oper	8120411	400.000	Ft
0850	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	13,071.000	Ft
0855	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	37,678.000	Ft
0860	Pedestrian Path, Temp	8122250	100.000	Ft
0865	Pedestrian Ramp, Temp	8122251	20.000	Ea
0870	_ Driveway Maintenance	8127050	24.000	Ea
0875	_ Intersection Maintenance	8127050	28.000	Ea
0880	Riprap, Plain	8130010	5.000	Syd
0885	Site Preparation, Max \$5,700	8150001	1.000	LSUM
0890	Watering and Cultivating, First Season, Min \$2,800	8150002	1.000	LSUM
0895	Watering and Cultivating, 2nd Season, Min \$3,400	8150003	1.000	LSUM
0900	Acer rubrum 'Bowhall', 1 1/2 inch	8150140	2.000	Ea
0905	Acer saccharum 'Green Mountain', 1 1/2 inch	8150184	5.000	Ea
0910	Catalpa speciosa, 1 1/2 inch	8150765	10.000	Ea
0915	Cornus amomum, bareroot, 18-24 inch	8150958	3.000	Ea
0920	Liriodendron tulipifera, 1 1/2 inch	8152175	10.000	Ea
0925	Quercus imbricaria, 1 1/2 inch	8153070	10.000	Ea
0930	_ Decorative Stone, 2 inch	8157021	8.000	Cyd
0935	_ Ulmus americana "Jefferson", 1 1/2 inch	8157050	10.000	Ea
0940	Slope Restoration, Non-Freeway, Type A	8162001	9,087.000	Syd
0945	Slope Restoration, Non-Freeway, Type B	8162002	6,035.000	Syd
0950	Slope Restoration, Non-Freeway, Type F	8162006	7,760.000	Syd
0955	Conduit, Rem	8182000	100.000	Ft
0960	Conduit, DB, 1, 1 1/2 inch	8182048	40.000	Ft
0965	Conduit, DB, 3, 3 inch	8182056	20.000	Ft
0970	Conduit, DB, 4, 3 inch	8182059	15.000	Ft
0975	Cable, Sec, 600V, 1, 3/C#6	8182238	15.000	Ft
0980	Hh, Polymer Conc	8182309	2.000	Ea

0985	Hh, Round	8182310	3.000	Ea
0990	Hh, Round, 3 foot dia	8182319	1.000	Ea
0995	Hh, Rem	8182330	5.000	Ea
1000	Serv Disconnect	8182366	1.000	Ea
1005	Serv Disconnect, Rem	8182367	1.000	Ea
1010	_ Conduit, 1, 1 inch	8187001	20.000	Ft
1015	Controller and Cabinet, Rem	8200030	1.000	Ea
1020	Controller Fdn, Base Mtd	8200045	1.000	Ea
1025	Controller Fdn, Rem	8200046	1.000	Ea
1030	Global Positioning System Module	8200050	1.000	Ea
1035	Fdn, Rem	8200065	2.000	Ea
1040	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
1045	Pedestal, Fdn	8200105	1.000	Ea
1050	Pedestal Fdn, Rem	8200106	4.000	Ea
1055	Pedestal, Rem	8200110	2.000	Ea
1060	Pushbutton and Sign	8200121	4.000	Ea
1065	Pushbutton, Rem	8200122	4.000	Ea
1070	Pushbutton, Pedestal, Alum	8200123	1.000	Ea
1075	Pushbutton, Pedestal, Rem	8200124	2.000	Ea
1080	Span Wire	8200140	4.000	Ea
1085	Span Wire, Rem	8200141	4.000	Ea
1090	Span Wire Tether	8200142	8.000	Ea
1095	Steel Pole, Rem	8200145	2.000	Ea
1100	Steel Pole, Rem (Embedded)	8200146	1.000	Ea
1105	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	2.000	Ea
1110	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
1115	TS, Span Wire Mtd, Rem	8200182	12.000	Ea
1120	Cabinet, NEMA Type	8200186	1.000	Ea
1125	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
1130	TS, One Way Span Wire Mtd, FYA (LED)	8200314	4.000	Ea
1135	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1140	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	4.000	Ea
1145	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1150	Wireless Intercn, Closed Loop, Salv	8200389	2.000	Ea
1155	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
1160	Emergency Pre-emption, Rem	8200415	2.000	Ea
1165	Emergency Pre-emption, Salv	8200416	1.000	Ea
1170	Wireless Vehicle Detection System	8200422	1.000	Ea
1175	Wireless Vehicle Sensor Node	8200425	9.000	Ea
1180	Hemispherical Video Detection Camera	8200444	2.000	Ea
1185	Hemispherical Video Detection System	8200445	2.000	Ea
1190	Strain Pole, Steel, 6 bolt, 30 foot	8200460	4.000	Ea
1195	Strain Pole Fdn, 6 Bolt	8200470	76.000	Ft
1200	Casing	8200480	62.000	Ft

1205	Cellular Modem, TS, 4th G	8200498	1.000	Ea
1210	Backplate, TS	8200501	24.000	Ea
1215	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1220	Fire Hydrant	8230040	2.000	Ea
1225	Gate Valve and Box, 6 inch	8230051	2.000	Ea
1230	Gate Valve and Box, 8 inch	8230052	1.000	Ea
1235	Gate Valve and Box, 10 inch	8230053	1.000	Ea
1240	Gate Valve and Box, 16 inch	8230055	3.000	Ea
1245	Gate Well, Rem	8230076	3.000	Ea
1250	Hydrant, Rem	8230091	2.000	Ea
1255	Hydrant, Relocate, Case 1	8230095	2.000	Ea
1260	Water Main, DI, 6 inch, Tr Det F	8230150	10.000	Ft
1265	Water Main, DI, 8 inch, Tr Det F	8230155	8.000	Ft
1270	Water Main, DI, 10 inch, Tr Det G	8230161	37.000	Ft
1275	Water Main, DI, 16 inch, Tr Det F	8230170	1,013.000	Ft
1280	Water Main, DI, 16 inch, Tr Det G	8230171	138.000	Ft
1285	Gate Box, Adj, Temp, Case 1	8230391	7.000	Ea
1290	Water Shutoff, Adj, Case 1	8230421	3.000	Ea
1295	Gate Box, Adj, Case 1	8230431	8.000	Ea
1300	Gate Box, Adj, Case 2	8230432	4.000	Ea
1305	Polyethylene Encasement	8230440	1,196.000	Ft
1310	_ Water Main, Line Stop, 16 inch	8237050	3.000	Ea
1315	Contractor Staking	8240001	1.000	LSUM
1320	Staking Plan Errors and Extras, Max \$180/hour	8240002	124.000	Hr
1325	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1330	Lightning Protection, Pole	8260021	1.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 009**Letting Date:** January 7, 2022**Contract ID:** 25032-213205**Description:** High load hit repairs including heat straightening, steel cleaning and coating, pin and hanger replacement and steel repairs on Coldwater Road over I-75, Genesee County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213205A	N/A	N/A	MER 25032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$29,400.00	1100001	1.000	LSUM
0010	Pavt Joint and Crack Repr, Det 7	5010020	400.000	Ft
0015	Pavt Joint and Crack Repr, Det 8	5010021	80.000	Ft
0020	Hand Patching	5010025	5.000	Ton
0025	HMA, 4EMH	5012026	185.000	Ton
0030	Cold Milling Conc Pavt	6030014	1,550.000	Syd
0035	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0040	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0045	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0050	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0055	Conc Barrier, Temp, Furn	8120081	200.000	Ft
0060	Conc Barrier, Temp, Oper	8120082	200.000	Ft
0065	High Intensity Light, Type B, Furn	8120110	1.000	Ea
0070	High Intensity Light, Type B, Oper	8120111	1.000	Ea
0075	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0080	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0085	Ltg for Night Work	8120160	1.000	LSUM
0090	Minor Traf Devices	8120170	1.000	LSUM
0095	Mobile Attenuator	8120180	1.000	Ea
0100	Pavt Mrkg Cover, Type R, Black	8120200	2,469.000	Ft
0105	Plastic Drum, Fluorescent, Furn	8120252	155.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	155.000	Ea
0115	Sign Cover	8120310	8.000	Ea
0120	Sign Cover, Type I	8120320	4.000	Ea
0125	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea

0135	Sign, Type B, Temp, Prismatic, Furn	8120350	719.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	719.000	Sft
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	4,230.000	Ft
0150	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,410.000	Ft
0155	Speed Radar Trailer, Temp	8122028	1.000	Ea

Section: 2

0160	Bushing	7070030	8.000	Ea
0165	Structures, Rehabilitation, Rem Portions (S10 of 25032)	7120070	1.000	LSUM
0170	Beam Plate, Seal Perimeter	7130010	55.000	Ft
0175	Hanger Assembly, Field Measurement	7130030	2.000	Ea
0180	Hanger Assembly, Rem and Erect	7130031	2.000	Ea
0185	Heat Straightening Steel (S10 of 25032)	7130040	1.000	LSUM
0190	Stiffeners, Furn, Fab, and Erect	7130060	112.000	Lb
0195	Structural Steel, Furn and Fab, Pin and Hanger	7130070	440.000	Lb
0200	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	729.000	Lb
0205	Support, Column, Temp	7130080	2.000	Ea
0210	_ Beam Ends, Pin Plate Cutting	7137050	1.000	Ea
0215	End Diaphragm, Rem and Replace	7150010	2.000	Ea
0220	Steel Structure, Coating, Type 4 (S10 of 25032)	7150046	1.000	LSUM
0225	Steel Structure, Cleaning, Partial, Type 4 (S10 of 25032)	7150047	1.000	LSUM
0230	Field Repr of Damaged Coating (S10 of 25032)	7160001	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 220107 010**Letting Date:** January 7, 2022**Contract ID:** 13000-209853

Description: Bridge rehabilitation including replace hot mix asphalt wearing surface and expansion joint and approach work on South Marshall Street (11 Mile Road), 13 Mile Road and 14 Mile Road over St. Joseph River and 15 Mile Road over Kalamazoo River, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209853A	N/A	N/A	MCS 13000
209854A	FED/STATE/LOCAL	N/A	MCS 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$59,300.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	15.000	Sta
0015	Guardrail, Rem	2040035	608.000	Ft
0020	Embankment, CIP	2050010	175.000	Cyd
0025	Excavation, Earth	2050016	175.000	Cyd
0030	Machine Grading	2050030	12.000	Sta
0035	Erosion Control, Silt Fence	2080036	1,755.000	Ft
0040	Aggregate Base	3020001	140.000	Ton
0045	Aggregate Base, Conditioning	3020050	1,138.000	Syd
0050	Cold Milling HMA Surface	5010002	1,424.000	Syd
0055	Edge Trimming	5010009	1,000.000	Ft
0060	HMA, 4EML	5012025	249.000	Ton
0065	HMA, 5EML	5012037	551.000	Ton
0070	_ HMA Surface, Rem, Modified	5017011	2,650.000	Syd
0075	Guardrail, Type T	8070002	425.000	Ft
0080	Guardrail, Type MGS-8	8070004	182.000	Ft
0085	Guardrail, Curved, Type MGS-8	8070012	25.000	Ft
0090	Guardrail Approach Terminal, Type 2M	8070044	9.000	Ea
0095	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0100	Guardrail Post, Culv	8070070	40.000	Ea
0105	Guardrail Reflector	8070080	68.000	Ea
0110	_ Guardrail Anchorage, Bridge 1320	8077050	4.000	Ea
0115	_ Guardrail Anchorage, Bridge 1338	8077050	4.000	Ea
0120	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,946.000	Ft
0125	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,394.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	2,946.000	Ft

0135	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,394.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0145	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0155	Plastic Drum, Fluorescent, Furn	8120252	40.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	40.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	1,578.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	1,578.000	Sft
0175	Slope Restoration, Non-Freeway, Type B	8162002	842.000	Syd

Section: 2

0180	Expansion Joint Device	7060050	38.000	Ft
0185	False Decking	7060060	5,000.000	Sft
0190	Reinforcement, Steel, Epoxy Coated	7060092	278.000	Lb
0195	Conc, Grade 4500HP	7062004	3.000	Cyd
0200	Membrane, Preformed Waterproofing	7100008	13,330.000	Sft
0205	Conc Surface Coating	7100011	895.000	Syd
0210	Hand Chipping, Shallow	7120003	16.000	Syd
0215	Hand Chipping, Other Than Deck	7120007	40.000	Cft
0220	Patching Mortar or Conc	7120016	40.000	Cft
0225	Patch, Forming	7120017	160.000	Sft
0230	Deck Joint, Rem	7120071	38.000	Ft
0235	_ Grout Repair	7127001	105.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 220107 011**Letting Date:** January 7, 2022**Contract ID:** 81074-206241**Description:** 3.15 mi of construction of median cable barrier on US-23 from Ellsworth Road to the Huron River in the city of Ann Arbor, Washtenaw County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206241A	22A0156	N/A	HSIP 81074

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$119,200.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	538.000	Ft
0015	Exploratory Investigation, Vertical	2040080	250.000	Ft
0020	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0025	Erosion Control, Inlet Protection, Sediment Trap	2080024	4.000	Ea
0030	Erosion Control, Silt Fence	2080036	1,500.000	Ft
0035	Project Cleanup	2090001	1.000	LSUM
0040	Guardrail, Type T	8070002	50.000	Ft
0045	Guardrail, Type MGS-8D	8070009	375.000	Ft
0050	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0055	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0060	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0065	Guardrail Reflector	8070080	10.000	Ea
0070	Cable, 1000 ft Spool	8070250	3.000	Ea
0075	Cable Barrier, Intermediate Line Post	8070251	100.000	Ea
0080	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	100.000	Ea
0085	Cable Barrier, Modified Line Post and Hardware	8070253	8.000	Ea
0090	Cable Barrier, Driven Socket	8070255	45.000	Ea
0095	Cable Barrier, Turnbuckle	8070256	5.000	Ea
0100	Cable Barrier, Reflector	8070257	50.000	Ea
0105	Cable Barrier, Excluder Cap	8070258	100.000	Ea
0110	Cable Barrier, Wedge Lock Fitting	8070259	5.000	Ea
0115	Cable Barrier, Cable Splice Kit	8070260	10.000	Ea
0120	Cable Barrier Terminal, Materials	8070261	3.000	Ea
0125	Cable Barrier, High Tension, Repr Labor	8070262	15,000.000	Dlr
0130	_ Cable Barrier, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077001	16,001.000	Ft
0135	_ Cable Barrier Terminal, Driven, High Tension, 3-Cable, Gibraltar TL-4	8077050	24.000	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	Mobile Attenuator	8120180	2.000	Ea
0160	Plastic Drum, Fluorescent, Furn	8120252	180.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	180.000	Ea
0170	Sign Cover	8120310	2.000	Ea
0175	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0185	Sign, Type B, Temp, Prismatic, Furn	8120350	652.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	652.000	Sft
0195	Traf Regulator Control	8120370	1.000	LSUM
0200	Slope Restoration, Freeway, Type B	8162014	17,779.000	Syd
0205	Contractor Staking	8240001	1.000	LSUM
0210	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220107 012

Letting Date: January 7, 2022

Contract ID: 41029-127477

Description: 5.28 mi of construction of a weave merge lane including 1 bridge widening and shallow overlay, hot mix asphalt cold milling and resurfacing, paver placed surface seal with detail 7 and 8 pavement repairs and pavement markings and bridge rehabilitation on 3 structures including deep overlay, beam end repairs, concrete surface coating, thrie beam and substructure repairs and approach work on I-196 westbound from M-11 to I-196 BL, I-196 from west of M-11 (28th Street) to west of Market Avenue and I-196 Ramp B over I-196 eastbound, I-196 Ramp M over the CSX Railroad and I-196 Ramp over Chicago Drive in the cities of Grandville, Wyoming and Grand Rapids, Kent County. This project includes a 3 year pavement performance warranty, a 2 year concrete surface coating warranty and a 5 year performance warranty for thin epoxy polymer bridge deck overlay.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
127477A	22A0153	N/A	CM 41029
200582A	22A0154	N/A	IM 41029
201324A	22A0155	N/A	NH 41042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$602,100.00	1100001	1.000	LSUM
0010	Culv, End, Rem, Less than 24 inch	2030005	5.000	Ea
0015	Guardrail, Rem	2040035	630.000	Ft
0020	Masonry and Conc Structure, Rem	2040045	8.000	Cyd
0025	Pavt, Rem	2040050	1,008.000	Syd
0030	Excavation, Earth	2050016	11,428.000	Cyd
0035	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0040	Flowable Fill, Non-Structural	2050148	3.000	Cyd
0045	_ Embankment, CIP, Spec	2057021	2,735.000	Cyd
0050	Erosion Control, Check Dam, Stone	2080012	40.000	Ft
0055	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0060	Erosion Control, Maintenance, Sediment Rem	2080026	18.000	Cyd
0065	Erosion Control, Sand Bag	2080028	50.000	Ea
0070	Erosion Control, Sediment Trap	2080034	18.000	Ea
0075	Erosion Control, Silt Fence	2080036	2,632.000	Ft
0080	_ Erosion Control, Check Dam, Stone, Spec	2087001	88.000	Ft
0085	Project Cleanup	2090001	1.000	LSUM
0090	Subbase, CIP	3010002	10,192.000	Cyd
0095	Aggregate Base, 6 inch	3020016	14,304.000	Syd
0100	Aggregate Base, 9 inch	3020022	274.000	Syd
0105	Shld, CI II	3070121	4,024.000	Ton

0110	Culv End Sect, Conc, 15 inch	4010048	3.000	Ea
0115	Culv End Sect, Footing	4010072	3.000	Ea
0120	Culv, CI A, 15 inch	4010132	28.000	Ft
0125	Dr Marker Post	4011109	5.000	Ea
0130	_ Cured-In-Place Pipe Lining, 15 inch	4017001	344.000	Ft
0135	Trench Undercut and Backfill	4021260	50.000	Cyd
0140	Underdrain, Subbase, 6 inch	4040063	460.000	Ft
0145	Underdrain, Subgrade, 6 inch	4040073	150.000	Ft
0150	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0155	Underdrain, Outlet Ending, 6 inch	4040113	34.000	Ea
0160	_ Underdrain Outlet, 6 inch, Modified	4047001	550.000	Ft
0165	_ Underdrain Outlet Cleanout	4047050	20.000	Ea
0170	Cold Milling HMA Surface	5010002	42,604.000	Syd
0175	Bump Grinding	5010004	400.000	Syd
0180	HMA Surface, Rem	5010005	4,416.000	Syd
0185	HMA Quality Initiative	5010007	19,150.000	Dlr
0190	Longit Joint Density Quality Initiative	5010018	17,274.000	Dlr
0195	Pavt Joint and Crack Repr, Det 7	5010020	1,300.000	Ft
0200	Pavt Joint and Crack Repr, Det 8	5010021	1,300.000	Ft
0205	Hand Patching	5010025	765.000	Ton
0210	HMA Approach	5010061	724.000	Ton
0215	HMA, 3EML	5012013	392.000	Ton
0220	HMA, 3EMH	5012014	1,875.000	Ton
0225	HMA, 4EML	5012025	224.000	Ton
0230	HMA, 4EMH	5012026	1,072.000	Ton
0235	HMA, 5EML	5012037	174.000	Ton
0240	HMA, 5EMH	5012038	4,349.000	Ton
0245	Paver Placed Surface Seal, Type C, Warranty	5030041	185,400.000	Syd
0250	Seal, Fog	5050015	17,540.000	Syd
0255	Joint, Expansion, E2	6020207	202.000	Ft
0260	Joint, Expansion, E3	6020208	298.000	Ft
0265	Joint, Expansion, E4	6020209	32.000	Ft
0270	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	334.000	Syd
0275	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	698.000	Syd
0280	Joint, Contraction, Crg	6030020	192.000	Ft
0285	Joint, Expansion, Erg	6030021	48.000	Ft
0290	Lane Tie, Epoxy Anchored	6030030	90.000	Ea
0295	Pavt Repr, Nonreinf Conc, 10 inch	6030048	80.000	Syd
0300	Pavt Repr, Rem	6030080	80.000	Syd
0305	_ Joint, Tied, 2.5 foot	6037001	135.000	Ft
0310	_ Pavt Repr, 2.5 foot, Nonreinf, 10 inch	6037011	40.000	Syd
0315	_ Pavt Repr, 2.5 foot, Rem	6037011	40.000	Syd
0320	_ Conduit, Clean and Test	8007001	150.000	Ft
0325	_ Fiber Optic, Cable, Reinstall	8007001	310.000	Ft
0330	_ Fiber Optic, Cable, Rem	8007001	450.000	Ft

0335	_ Cabinet Equipment, Rem and Salv, Cabinet Monitoring System	8007050	1.000	Ea
0340	_ Closed Circuit Television Camera, Rem	8007050	1.000	Ea
0345	_ Digital Video Encoder, Rem	8007050	1.000	Ea
0350	_ Hh, Clean	8007050	2.000	Ea
0355	_ ITS Cabinet, Pole Mtd	8007050	1.000	Ea
0360	_ Managed Field Ethernet Switch, Layer 2, Modified	8007050	1.000	Ea
0365	_ Power Distribution Unit	8007050	1.000	Ea
0370	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
0375	_ System Testing	8007051	1.000	LSUM
0380	Curb and Gutter, Bridge Approach, Det 5	8022016	136.000	Ft
0385	Curb and Gutter, Bridge Approach, Det 6	8022017	128.000	Ft
0390	Curb and Gutter, Bridge Approach, Det 7	8022018	110.000	Ft
0395	Guardrail, Type MGS-8	8070004	2,041.000	Ft
0400	Guardrail, Type MGS-8, Temp	8070013	363.000	Ft
0405	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0410	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0415	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0420	Guardrail Departing Terminal, Type MGS, Temp	8070053	1.000	Ea
0425	Guardrail Reflector	8070080	47.000	Ea
0430	Guardrail, Reconst, Type T	8070109	1,315.000	Ft
0435	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0440	Cantilever, Rem	8100090	1.000	Ea
0445	Cantilever, Type E	8100104	1.000	Ea
0450	Cantilever, Type E, Erect, Salv	8100105	1.000	Ea
0455	Delineator Reflector, Red	8100131	10.000	Ea
0460	Delineator Reflector, Yellow	8100132	22.000	Ea
0465	Delineator Reflector, Green	8100133	4.000	Ea
0470	Delineator Reflector, White	8100134	20.000	Ea
0475	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
0480	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	54.000	Ft
0485	Fdn, Entire, Cantilever, Rem	8100230	1.000	Cyd
0490	Delineator, Rem	8100349	50.000	Ea
0495	Post, Flexible, Delineator	8100360	4.000	Ea
0500	Post, Rigid, Delineator	8100361	46.000	Ea
0505	Post, Steel, 3 lb	8100371	15.000	Ft
0510	Sign, Type I, Rem	8100391	2.000	Ea
0515	Sign, Type IA	8100392	533.000	Sft
0520	Sign, Type IB	8100393	195.000	Sft
0525	Sign, Type III, Rem	8100403	3.000	Ea
0530	Sign, Type IIIB	8100405	10.000	Sft
0535	Sign, Type VB	8100425	16.000	Sft
0540	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea

0545	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	100.000	Ft
0550	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	4.000	Ea
0555	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,250.000	Ft
0560	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	8,170.000	Ft
0565	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	1,700.000	Ft
0570	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	300.000	Ft
0575	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0580	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	69,050.000	Ft
0585	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 12 inch, White	8112131	5,100.000	Ft
0590	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	58,100.000	Ft
0595	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	17.000	Ea
0600	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	17.000	Ea
0605	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	900.000	Ea
0610	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	900.000	Ea
0615	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0620	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0625	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0630	Conc Barrier Reflector Replacement	8120070	14.000	Ea
0635	Conc Barrier, Temp, Furn	8120081	6,925.000	Ft
0640	Conc Barrier, Temp, Oper	8120082	6,925.000	Ft
0645	Conc Barrier, Temp, Relocated	8120083	760.000	Ft
0650	Delineator, Flexible, Temp, Furn	8120091	34.000	Ea
0655	Delineator, Flexible, Temp, Oper	8120092	34.000	Ea
0660	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0665	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0670	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0675	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0680	Ltg for Night Work	8120160	1.000	LSUM
0685	Minor Traf Devices	8120170	1.000	LSUM
0690	Mobile Attenuator	8120180	3.000	Ea
0695	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	53,994.000	Ft
0700	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,809.000	Ft
0705	Plastic Drum, Fluorescent, Furn	8120252	445.000	Ea
0710	Plastic Drum, Fluorescent, Oper	8120253	445.000	Ea
0715	Sign Cover	8120310	40.000	Ea
0720	Sign Cover, Type I	8120320	3.000	Ea
0725	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	11.000	Ea
0730	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	11.000	Ea
0735	Sign, Type A, Temp, Prismatic, Furn	8120340	379.000	Sft
0740	Sign, Type A, Temp, Prismatic, Oper	8120341	379.000	Sft

0745	Sign, Type B, Temp, Prismatic, Furn	8120350	3,477.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	3,477.000	Sft
0755	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	162.000	Sft
0760	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	162.000	Sft
0765	Traf Regulator Control	8120370	1.000	LSUM
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,050.000	Ft
0775	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,155.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	81,989.000	Ft
0785	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	68,684.000	Ft
0790	Speed Radar Trailer, Temp	8122028	2.000	Ea
0795	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
0800	_ Temp Guardrail Delineator	8127050	22.000	Ea
0805	Riprap, Grouted	8130001	14.000	Syd
0810	Riprap, Plain	8130010	12.000	Syd
0815	Slope Restoration, Freeway, Type A	8162013	4,848.000	Syd
0820	Slope Restoration, Freeway, Type F	8162018	19,297.000	Syd
0825	Conduit, Rem	8182000	25.000	Ft
0830	Conduit, Directional Bore, 1, 3 inch	8182035	105.000	Ft
0835	Conduit, Directional Bore, 3, 3 inch	8182039	75.000	Ft
0840	Conduit, DB, 1, 3 inch	8182050	220.000	Ft
0845	Conduit, DB, 3, 3 inch	8182056	30.000	Ft
0850	DB Cable, in Conduit, 600V, 1/C#2/0	8182183	1,380.000	Ft
0855	DB Cable, in Conduit, 600V, 1/C#6	8182187	150.000	Ft
0860	Cable, Rem	8182196	910.000	Ft
0865	Cable, Equipment Grounding Wire, 1/C#6	8182291	50.000	Ft
0870	Hh, Rem	8182330	1.000	Ea
0875	Unmetered Serv, Rem	8182341	1.000	Ea
0880	_ Cable, Equipment Grounding Wire, 1/C#2/0	8187001	460.000	Ft
0885	_ Cable, Install Salv	8187001	1,100.000	Ft
0890	_ Cable, Rem and Salv	8187001	2,750.000	Ft
0895	_ Hh, Round, Elec	8187050	2.000	Ea
0900	_ Hh, Type D	8187050	1.000	Ea
0905	Fdn, Rem	8200065	1.000	Ea
0910	Steel Pole, Rem	8200145	1.000	Ea
0915	Cabinet, Rem	8200184	1.000	Ea
0920	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
0925	Strain Pole Fdn, 6 Bolt	8200470	14.000	Ft
0930	Casing	8200480	10.000	Ft
0935	Freeway Shld Corrugations, Milled, HMA	8222001	81,138.000	Ft
0940	Contractor Staking	8240001	1.000	LSUM
0945	Staking Plan Errors and Extras, Max \$180/hour	8240002	54.000	Hr
0950	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM

0955	Lightning Protection, Pole	8260021	1.000	Ea
0960	Fiber Optic, Hardware Assembly, Small	8260065	1.000	Ea
0965	Fiber Optic, Pigtail	8260071	12.000	Ea
0970	Fiber Optic, Jumper	8260072	8.000	Ea
0975	Managed Field Ethernet Switch, Rem	8260087	1.000	Ea
0980	Uninterruptible Power Supply, Rem	8260146	1.000	Ea
0985	Surveillance System, Remote Site, Type A	8260157	1.000	Ea
0990	System Integration and Testing	8260160	1.000	LSUM
0995	_ Power Serv, Underground, 100AMP, 120/240V	8267050	1.000	Ea

Section: 2

1000	_ Railroad Inspection and Flagging, CSX Transportation	1027060	45,000.000	Dlr
1005	_ Railroad Protection, CSX Transportation	1027060	25,000.000	Dlr
1010	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
1015	Backfill, Structure, CIP	2060002	2,100.000	Cyd
1020	Excavation, Fdn	2060010	1,900.000	Cyd
1025	_ Dewatering System, Excavation	2067050	1.000	Ea
1030	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
1035	Aggregate Base, 8 inch	3020020	107.000	Syd
1040	Geotextile, Separator	3080005	110.000	Syd
1045	Underdrain, Fdn, 4 inch	4040031	150.000	Ft
1050	Underdrain, Fdn, 6 inch	4040033	114.000	Ft
1055	Underdrain Outlet, 4 inch	4040091	36.000	Ft
1060	Underdrain Outlet, 6 inch	4040093	56.000	Ft
1065	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
1070	HMA Patch, Rem	5010006	14.000	Syd
1075	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	900.000	Sft
1080	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
1085	Bridge Ltg, Furn and Rem (R03 of 41029)	7060001	1.000	LSUM
1090	Bridge Ltg, Oper and Maintain	7060002	135.000	Cyd
1095	Expansion Joint Device	7060050	142.000	Ft
1100	False Decking	7060060	13,716.000	Sft
1105	Reinforcement, Steel, Epoxy Coated	7060092	33,200.000	Lb
1110	Substructure Conc, High Performance	7060101	211.000	Cyd
1115	Superstructure Conc	7060110	4.000	Cyd
1120	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
1125	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
1130	Superstructure Conc, Night Casting, High Performance	7060117	25.000	Cyd
1135	Sealing Localized Cracks (R03 of 41029)	7060220	1.000	LSUM
1140	Conc, Grade 3500, Subfooting	7062000	24.000	Cyd
1145	Conc, Grade 4500HP	7062004	9.000	Cyd
1150	Bearing, Elastomeric, 1 3/4 inch	7070015	864.000	Sin

1155	Metal Mesh Panels (R03 of 41029)	7070120	4,680.000	Sft
1160	Prest Conc Box Beam, Furn, 17 inch	7080055	63.000	Ft
1165	Prest Conc Box Beam, Erect, 17 inch	7080056	63.000	Ft
1170	Joint Waterproofing	7100001	707.000	Sft
1175	Conc Surface Coating, Warranty (S19 of 41029)	7100009	1.000	LSUM
1180	Penetrating Healer/Sealer, Bridge Deck	7100025	370.000	Syd
1185	Substructure Horizontal Surface Sealer	7100030	78.000	Syd
1190	Bridge Railing, Aesthetic Parapet Tube	7110005	34.000	Ft
1195	Bridge Railing, Thrie Beam Retrofit	7110006	416.000	Ft
1200	Scarifying	7120001	1,027.000	Syd
1205	Hand Chipping, Shallow	7120003	35.000	Syd
1210	Hand Chipping, Deep	7120004	24.000	Syd
1215	Hand Chipping, Other Than Deck	7120007	282.000	Cft
1220	Patch, Forming	7120017	846.000	Sft
1225	Epoxy Ovly, Warranty	7120022	333.000	Syd
1230	Conc, Bridge Deck Ovly	7120023	12.000	Cyd
1235	Bridge Deck Surface Construction	7120025	1,027.000	Syd
1240	Conc, Silica Fume Modified	7120027	101.000	Cyd
1245	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	185.000	Ea
1250	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	76.000	Ea
1255	Structures, Rehabilitation, Rem Portions (S19 of 41029)	7120070	1.000	LSUM
1260	Deck Joint, Rem	7120071	142.000	Ft
1265	Hydrodemolition, First Pass	7120076	1,027.000	Syd
1270	Hydrodemolition, 2nd Pass	7120077	272.000	Syd
1275	Flushing Cracks, Water	7120098	103.000	Ft
1280	Structural Crack, Repr	7120099	103.000	Ft
1285	Patching Conc, C-L	7120112	19.000	Cyd
1290	Embedded Galvanic Anode	7120120	330.000	Ea
1295	_ Hand Chipping, Spec	7127010	448.000	Sft
1300	_ Latex Modified Conc, Spec	7127021	3.000	Cyd
1305	Beam Plate, Seal Perimeter	7130010	209.000	Ft
1310	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	1,198.000	Lb
1315	Steel Structure, Cleaning, Partial, Type 4 (S06 of 41029)	7150047	1.000	LSUM
1320	Steel Structure, Coating, Partial, Type 4 (S06 of 41029)	7150048	1.000	LSUM
1325	Field Repr of Damaged Coating (S06 of 41029)	7160001	1.000	LSUM
1330	_ Utility Protection	8007001	120.000	Ft
1335	Slope Paving, Conc	8130020	66.000	Syd



12/9/2021 8:02 PM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 013**Letting Date:** January 7, 2022**Contract ID:** 29011-130141

Description: 3.60 mi of hot mix asphalt cold milling and resurfacing with joint repairs, guardrail, drainage, shoulder gravel, pavement markings, bridge reconstruction includes superstructure replacement, widening, substructure repair and bridge rehabilitation includes epoxy overlay, deck patching, expansion joint replacement, silane treatment and approach work on US-127 from south of County Line Road northerly to M-57, Clinton and Gratiot Counties. This project includes a 5 year materials and workmanship pavement warranty, a 2 year concrete surface coating warranty, and a 5 year performance warranty for a high friction thin epoxy polymer bridge deck overlay.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130141A	22A0146	N/A	HIPB 29011
130176A	22A0144	N/A	NH 29011
210007A	22A0152	N/A	NH 29011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$847,300.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0015	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0020	Dr Structure, Rem	2030011	4.000	Ea
0025	Sewer, Rem, Less than 24 inch	2030015	166.000	Ft
0030	Curb and Gutter, Rem	2040020	225.000	Ft
0035	Guardrail, Rem	2040035	8,499.000	Ft
0040	Pavt, Rem	2040050	1,285.000	Syd
0045	Embankment, CIP	2050010	6,321.000	Cyd
0050	Excavation, Earth	2050016	14,548.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0060	Erosion Control, Sediment Trap	2080034	14.000	Ea
0065	Erosion Control, Silt Fence	2080036	3,950.000	Ft
0070	Erosion Control, Turbidity Curtain, Shallow	2080044	475.000	Ft
0075	_ Erosion Control, Check Dam, Stone, Spec	2087001	93.000	Ft
0080	Subbase, CIP	3010002	9,172.000	Cyd
0085	Aggregate Base	3020001	390.000	Ton
0090	Aggregate Base, 6 inch	3020016	27,330.000	Syd
0095	Aggregate Base, Conditioning	3020050	57.000	Syd
0100	Trenching	3070200	6.000	Sta
0105	_ Approach, CI II, Modified	3077031	45.000	Ton
0110	_ Shld, CI II, Modified	3077031	3,094.000	Ton

0115	Culv End Sect, 12 inch	4010012	2.000	Ea
0120	Culv End Sect, 15 inch	4010015	5.000	Ea
0125	Culv End Sect, 18 inch	4010018	10.000	Ea
0130	Culv End Sect, Footing	4010072	17.000	Ea
0135	Culv, CI A, 15 inch	4010132	24.000	Ft
0140	Culv, CI F, 12 inch	4010607	88.000	Ft
0145	Culv, CI F, 15 inch	4010608	208.000	Ft
0150	Culv, CI F, 18 inch	4010609	544.000	Ft
0155	Outfall Label	4011115	2.000	Ea
0160	Sewer, CI A, 15 inch, Tr Det A	4020005	40.000	Ft
0165	Sewer, CI A, 18 inch, Tr Det B	4020035	155.000	Ft
0170	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0175	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0180	Dr Structure Cover, Type G	4030040	1.000	Ea
0185	Dr Structure Cover, Type K	4030050	2.000	Ea
0190	Dr Structure, 48 inch dia	4030210	3.000	Ea
0195	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0200	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0205	_ Structure Cover Weigh Down, Temp	4037050	4.000	Ea
0210	Underdrain, Subbase, 6 inch	4040063	635.000	Ft
0215	Underdrain Outlet, 6 inch	4040093	260.000	Ft
0220	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0225	Video Inspection of Underdrain	4040200	785.000	Ft
0230	Cold Milling HMA Surface	5010002	132,075.000	Syd
0235	Bump Grinding	5010004	1,100.000	Syd
0240	HMA Surface, Rem	5010005	17,824.000	Syd
0245	HMA Quality Initiative	5010007	71,312.000	Dlr
0250	Pavt for Butt Joints, Rem	5010008	756.000	Syd
0255	Longit Joint Density Quality Initiative	5010018	212,169.000	Dlr
0260	Pavt Joint and Crack Repr, Det 8	5010021	9,264.000	Ft
0265	Hand Patching	5010025	1,500.000	Ton
0270	HMA Approach	5010061	7,731.000	Ton
0275	HMA, 3EML	5012013	330.000	Ton
0280	HMA, 4EML	5012025	14,915.000	Ton
0285	HMA, 5EML	5012037	11,180.000	Ton
0290	HMA, Temp Pavt (4EML)	5012103	474.000	Ton
0295	_ Ride Incentive	5017060	47,433.000	Dlr
0300	Joint, Expansion, E3	6020208	170.000	Ft
0305	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	617.000	Syd
0310	Joint, Expansion, Erg	6030021	44.000	Ft
0315	Reinforcement, Steel, Culv and Headwall	7060091	100.000	Lb
0320	Conc, Grade 3500	7062001	2.000	Cyd
0325	Curb and Gutter, Conc, Det B2	8020016	1,153.000	Ft
0330	Shld Gutter, Conc, Det 2	8020056	7.000	Ea
0335	Spillway, Conc	8020075	70.000	Ft

0340	Curb and Gutter, Bridge Approach, Det 5	8022016	158.000	Ft
0345	Curb and Gutter, Bridge Approach, Det 6	8022017	48.000	Ft
0350	Sidewalk, Conc, 6 inch	8030046	2,506.000	Sft
0355	Guardrail, Type MGS-8	8070004	8,714.000	Ft
0360	Guardrail, Curved, Type B	8070010	168.000	Ft
0365	Guardrail, Type MGS-8, Temp	8070013	250.000	Ft
0370	Guardrail Approach Terminal, Type 2M	8070044	10.000	Ea
0375	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0380	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0385	Guardrail Departing Terminal, Type MGS	8070052	7.000	Ea
0390	Guardrail Departing Terminal, Type MGS, Temp	8070053	1.000	Ea
0395	Guardrail Post, Culv	8070070	4.000	Ea
0400	Guardrail Reflector	8070080	205.000	Ea
0405	Guardrail Anch, Bridge, Det M1	8070130	6.000	Ea
0410	Guardrail Anch, Bridge, Det M1, Temp	8072084	2.000	Ea
0415	Guardrail, Long Span, Det MGS-1	8072121	4.000	Ea
0420	_ Hand Digging Guardrail Post	8077050	60.000	Ea
0425	Delineator Reflector, Red	8100131	80.000	Ea
0430	Delineator Reflector, Yellow	8100132	276.000	Ea
0435	Delineator Reflector, Green	8100133	24.000	Ea
0440	Delineator Reflector, White	8100134	128.000	Ea
0445	Fdn, Wood Support, Rem	8100280	22.000	Ea
0450	Delineator, Rem	8100349	60.000	Ea
0455	Post, Rigid, Delineator	8100361	420.000	Ea
0460	Post, Steel, 3 lb	8100371	4,365.000	Ft
0465	Post, Wood, 4 inch by 6 inch	8100380	594.000	Ft
0470	Post, Wood, 6 inch by 8 inch	8100382	460.000	Ft
0475	Sign, Type II, Rem	8100397	14.000	Ea
0480	Sign, Type IIA	8100398	594.000	Sft
0485	Sign, Type III, Rem	8100403	86.000	Ea
0490	Sign, Type IIIA	8100404	855.000	Sft
0495	Sign, Type IIIB	8100405	481.000	Sft
0500	Sign, Type VB	8100425	284.000	Sft
0505	Reflective Panel for Permanent Sign Support, 3 foot	8100613	80.000	Ea
0510	Reflective Panel for Permanent Sign Support, 6 foot	8100616	32.000	Ea
0515	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	32.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	32.000	Ea
0525	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,238.000	Ft
0530	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0535	Recessing Pavt Mrkg, Longit	8110450	111,674.000	Ft
0540	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	64,515.000	Ft
0545	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	47,159.000	Ft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0555	Barricade, Type III, High Intensity, Double Sided,	8120013	30.000	Ea

	Lighted, Oper			
0560	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,050.000	Ea
0565	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,050.000	Ea
0570	Conc Barrier Ending, Temp, Det 2, Furn	8120041	4.000	Ea
0575	Conc Barrier Ending, Temp, Det 2, Oper	8120042	4.000	Ea
0580	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0585	Conc Barrier, Temp, Furn	8120081	3,890.000	Ft
0590	Conc Barrier, Temp, Oper	8120082	3,890.000	Ft
0595	Conc Barrier, Temp, Relocated	8120083	450.000	Ft
0600	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	20.000	Ea
0605	Culv, Temp	8120090	2.000	Ea
0610	Delineator, Flexible, Temp, Furn	8120091	20.000	Ea
0615	Delineator, Flexible, Temp, Oper	8120092	20.000	Ea
0620	Glare Screen, Temp	8120094	3,890.000	Ft
0625	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0630	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0635	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0640	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0645	Minor Traf Devices	8120170	1.000	LSUM
0650	Mobile Attenuator	8120180	1.000	Ea
0655	Pavt Mrkg Cover, Type R, Black	8120200	10,855.000	Ft
0660	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,960.000	Ft
0665	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	32.000	Ea
0670	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	32.000	Ea
0675	Plastic Drum, Fluorescent, Furn	8120252	450.000	Ea
0680	Plastic Drum, Fluorescent, Oper	8120253	450.000	Ea
0685	Sign Cover	8120310	100.000	Ea
0690	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0695	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0700	Sign, Type A, Temp, Prismatic, Furn	8120340	22.000	Sft
0705	Sign, Type A, Temp, Prismatic, Oper	8120341	22.000	Sft
0710	Sign, Type B, Temp, Prismatic, Furn	8120350	7,066.000	Sft
0715	Sign, Type B, Temp, Prismatic, Oper	8120351	7,066.000	Sft
0720	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,503.000	Sft
0725	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,503.000	Sft
0730	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	320.000	Ft
0735	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	320.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	13,420.000	Ft
0745	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	13,420.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	52,346.000	Ft
0755	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	38,770.000	Ft

0760	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
0765	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
0770	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
0775	_ Safety Contingency	8127060	20,000.000	Dlr
0780	Riprap, Plain	8130010	36.000	Syd
0785	_ Slope Restoration, Freeway, Type A, Modified	8167011	2,300.000	Syd
0790	_ Slope Restoration, Freeway, Type B, Modified	8167011	15,020.000	Syd
0795	_ Slope Restoration, Freeway, Type C, Modified	8167011	2,790.000	Syd
0800	Non-Freeway Shld Corrugations, Milled, HMA	8220025	74,826.000	Ft

Section: 2

0805	Structures, Rem Portions (B01-2 of 29011)	2040061	1.000	LSUM
0810	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0815	Backfill, Structure, CIP	2060002	115.000	Cyd
0820	Aggregate	2060005	6.000	Cyd
0825	Excavation, Fdn	2060010	1,110.000	Cyd
0830	_ PVC Liner For Expanded Polystyrene Block	2067011	400.000	Syd
0835	_ Conc Base Cse, Reinf, Spec	2067021	81.000	Cyd
0840	_ Fill, Lightweight, Expanded Polystyrene Block	2067021	410.000	Cyd
0845	Erosion Control, Filter Bag	2080014	6.000	Ea
0850	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0855	Erosion Control, Turbidity Curtain, Deep	2080042	800.000	Ft
0860	Underdrain, Fdn, 4 inch	4040031	410.000	Ft
0865	Underdrain, Fdn, 6 inch	4040033	195.000	Ft
0870	HMA Patch, Rem	5010006	1.000	Syd
0875	Cofferdams, Left in Place (B01-2 of 29011)	7040009	1.000	LSUM
0880	Bridge Ltg, Furn and Rem (B01-2 of 29011)	7060001	1.000	LSUM
0885	Bridge Ltg, Oper and Maintain	7060002	271.000	Cyd
0890	Conc, Low Temperature Protection	7060020	271.000	Cyd
0895	Expansion Joint Device	7060050	137.000	Ft
0900	False Decking	7060060	11,064.000	Sft
0905	Reinforcement, Steel, Epoxy Coated	7060092	74,431.000	Lb
0910	Substructure Conc, High Performance	7060101	93.000	Cyd
0915	Superstructure Conc, Form, Finish, and Cure (B01-2 of 29011)	7060111	1.000	LSUM
0920	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01-2 of 29011)	7060112	1.000	LSUM
0925	Superstructure Conc, High Performance	7060116	21.000	Cyd
0930	Superstructure Conc, Night Casting, High Performance	7060117	271.000	Cyd
0935	Conc, Grade 4500HP	7062004	6.000	Cyd
0940	Bearing, Elastomeric, 2 3/4 inch	7070019	1,890.000	Sin
0945	Bearing, Elastomeric, 3 1/2 inch	7070022	2,310.000	Sin
0950	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,140.000	Lb

0955	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,140.000	Lb
0960	Prest Conc I Beam, Furn, 36 inch	7080025	893.000	Ft
0965	Prest Conc I Beam, Erect, 36 inch	7080026	893.000	Ft
0970	Joint Waterproofing	7100001	427.000	Sft
0975	Joint Waterproofing, Expansion	7100003	180.000	Sft
0980	Conc Surface Coating, Warranty (B01-1 of 29011)	7100009	1.000	LSUM
0985	Conc Surface Coating, Warranty (B01-2 of 29011)	7100009	1.000	LSUM
0990	Substructure Horizontal Surface Sealer	7100030	16.000	Syd
0995	Bridge Railing, 2 Tube	7110008	259.000	Ft
1000	Hand Chipping, Deep	7120004	70.000	Syd
1005	Hand Chipping, Other Than Deck	7120007	360.000	Cft
1010	Patch, Forming	7120017	1,080.000	Sft
1015	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	102.000	Ea
1020	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	518.000	Ea
1025	Deck Joint, Rem	7120071	48.000	Ft
1030	Reinforcement, Mechanical Splice	7120084	7.000	Ea
1035	Flushing Cracks, Water	7120098	828.000	Ft
1040	Structural Crack, Repr	7120099	828.000	Ft
1045	Patching Conc, C-L	7120112	22.000	Cyd
1050	Embedded Galvanic Anode	7120120	476.000	Ea
1055	_ High Friction Epoxy Ovly, Warranty	7127011	735.000	Syd
1060	_ Riprap, Spec, Class II	8137031	630.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 220107 014

Letting Date: January 7, 2022

Contract ID: 80024-201985

Description: 2.62 mi of hot mix asphalt reconstruction with median shoulder widening, drainage, median cable barrier, guardrail, signing and pavement markings on I-94 Eastbound from west of the M-51 interchange easterly to east of 40th Street, Van Buren County. This project includes two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201985A	22A0148	N/A	IM 80024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$538,800.00	1100001	1.000	LSUM
0010	Clearing	2010001	0.220	Acre
0015	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0020	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0025	Culv, End, Rem, Less than 24 inch	2030005	16.000	Ea
0030	Culv, End, Rem, 24 inch to 48 inch	2030006	2.000	Ea
0035	Guardrail, Rem	2040035	1,486.000	Ft
0040	Pavt, Rem	2040050	10,387.000	Syd
0045	Embankment, CIP	2050010	9,973.000	Cyd
0050	Excavation, Earth	2050016	35,164.000	Cyd
0055	Non Haz Contaminated Material Handling and Disposal, LM	2050031	20.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0065	Flowable Fill, Non-Structural	2050148	7.000	Cyd
0070	Erosion Control, Check Dam, Stone	2080012	180.000	Ft
0075	Erosion Control, Inlet Protection, Fabric Drop	2080020	5.000	Ea
0080	Erosion Control, Maintenance, Sediment Rem	2080026	25.000	Cyd
0085	Erosion Control, Sand Bag	2080028	115.000	Ea
0090	Erosion Control, Sediment Trap	2080034	89.000	Ea
0095	Erosion Control, Silt Fence	2080036	3,195.000	Ft
0100	_ Permeable Runoff Structure	2087001	1,118.000	Ft
0105	Subbase, CIP	3010002	15,406.000	Cyd
0110	Aggregate Base, 3 inch	3020008	66.000	Syd
0115	Aggregate Base, 6 inch	3020016	20,326.000	Syd
0120	Shld, CI II, 6 inch	3070128	6,917.000	Syd
0125	Culv End Sect, 24 inch	4010024	1.000	Ea
0130	Culv End Sect, Conc, 12 inch	4010047	7.000	Ea

0135	Culv End Sect, Conc, 18 inch	4010049	2.000	Ea
0140	Culv End Sect, Conc, 24 inch	4010051	1.000	Ea
0145	Culv End Sect, Footing	4010072	12.000	Ea
0150	Culv, CI A, 12 inch	4010131	7.000	Ft
0155	Culv, CI A, 24 inch	4010134	80.000	Ft
0160	Culv, CI A, Conc, 12 inch	4010165	6.000	Ft
0165	Culv, CI E, 24 inch	4010542	240.000	Ft
0170	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	1.000	Ea
0175	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	4.000	Ea
0180	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	4.000	Ea
0185	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	2.000	Ea
0190	Dr Marker Post	4011109	61.000	Ea
0195	_ Culv Cleanout	4017001	484.000	Ft
0200	_ Culv, CI E, 24 inch, Jacked in Place	4017001	146.000	Ft
0205	Video Taping Sewer and Culv Pipe	4021275	466.000	Ft
0210	Underdrain, Subbase, 6 inch	4040063	3,815.000	Ft
0215	Underdrain Outlet, 4 inch	4040091	200.000	Ft
0220	Underdrain Outlet, 6 inch	4040093	355.000	Ft
0225	Underdrain, Outlet Ending, 4 inch	4040111	40.000	Ea
0230	Underdrain, Outlet Ending, 6 inch	4040113	19.000	Ea
0235	Video Inspection of Underdrain	4040200	3,615.000	Ft
0240	_ Underdrain Outlet Cleanout	4047050	40.000	Ea
0245	Cold Milling HMA Surface	5010002	1,851.000	Syd
0250	Bump Grinding	5010004	100.000	Syd
0255	HMA Surface, Rem	5010005	8,192.000	Syd
0260	HMA Quality Initiative	5010007	53,722.000	Dlr
0265	Pavt for Butt Joints, Rem	5010008	4,989.000	Syd
0270	Longit Joint Density Quality Initiative	5010018	96,730.000	Dlr
0275	Pavt Joint and Crack Repr, Det 7	5010020	200.000	Ft
0280	Hand Patching	5010025	30.000	Ton
0285	HMA Approach	5010061	1,175.000	Ton
0290	HMA, 3EML	5012013	5,369.000	Ton
0295	HMA, 3EMH	5012014	8,124.000	Ton
0300	HMA, 4EML	5012025	4,541.000	Ton
0305	HMA, 5EML	5012037	598.000	Ton
0310	HMA, 5EMH	5012038	2,490.000	Ton
0315	_ Stone Matrix Asphalt (1/2 Inch Nominal Max)	5017031	4,534.000	Ton
0320	_ Ride Incentive	5017060	19,562.000	Dlr
0325	Curb and Gutter, Conc, Det B2	8020016	133.000	Ft
0330	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0335	Spillway, Conc	8020075	8.000	Ft
0340	Guardrail, Type MGS-8	8070004	1,314.000	Ft
0345	Guardrail Approach Terminal, Type 2M	8070044	5.000	Ea
0350	Guardrail Departing Terminal, Type MGS	8070052	3.000	Ea
0355	Guardrail Reflector	8070080	37.000	Ea

0360	Guardrail, Reconst, Type B	8070105	50.000	Ft
0365	Guardrail Anch, Bridge, Det M7	8070136	2.000	Ea
0370	Cable Barrier, High Tension	8070198	11,933.000	Ft
0375	Cable Barrier Terminal, High Tension	8070199	8.000	Ea
0380	Cable Barrier, High Tension, Salv	8070201	11,906.000	Ft
0385	Cable Barrier, High Tension, Reconst	8070202	246.000	Ft
0390	Cable Barrier Terminal, Furn and Install (CASS)	8070205	1.000	Ea
0395	Cable Barrier, Reflector, Furn and Install (CASS)	8070206	10.000	Ea
0400	Cable Barrier, High Tension, Line Post Fdn, Rem	8070220	1,163.000	Ea
0405	Cable Barrier, High Tension, Line Post Fdn	8070221	31.000	Ea
0410	Cable Barrier, High Tension, End Term Fdn, Rem	8070222	5.000	Ea
0415	Cable Barrier, High Tension, End Term Fdn	8070223	1.000	Ea
0420	Cable, 1000 ft Spool	8070250	3.000	Ea
0425	Cable Barrier, Intermediate Line Post	8070251	115.000	Ea
0430	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	115.000	Ea
0435	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
0440	Cable Barrier, Socket, Conc Fdn	8070254	50.000	Ea
0445	Cable Barrier, Turnbuckle	8070256	4.000	Ea
0450	Cable Barrier, Reflector	8070257	50.000	Ea
0455	Cable Barrier, Excluder Cap	8070258	115.000	Ea
0460	Cable Barrier, Wedge Lock Fitting	8070259	3.000	Ea
0465	Cable Barrier, Cable Splice Kit	8070260	15.000	Ea
0470	Cable Barrier Terminal, Materials	8070261	1.000	Ea
0475	Cable Barrier, High Tension, Repr Labor	8070262	13,625.000	Dlr
0480	Delineator Reflector, Red	8100131	23.000	Ea
0485	Delineator Reflector, Green	8100133	14.000	Ea
0490	Delineator Reflector, White	8100134	75.000	Ea
0495	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	5.000	Ea
0500	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	2.000	Ea
0505	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	17.000	Ea
0510	Fdn, Wood Support, Rem	8100280	17.000	Ea
0515	Post, Flexible, Delineator	8100360	19.000	Ea
0520	Post, Rigid, Delineator	8100361	89.000	Ea
0525	Post, Steel, 3 lb	8100371	700.000	Ft
0530	Post, Wood, 4 inch by 6 inch	8100380	220.000	Ft
0535	Post, Wood, 6 inch by 8 inch	8100382	66.000	Ft
0540	Sign, Type I, Erect, Salv	8100390	2.000	Ea
0545	Sign, Type II, Erect, Salv	8100396	7.000	Ea
0550	Sign, Type III, Erect, Salv	8100402	55.000	Ea
0555	Sign, Type III, Rem	8100403	2.000	Ea
0560	Sign, Type IIIA	8100404	13.000	Sft
0565	Sign, Type IIIB	8100405	10.000	Sft
0570	Sign, Type V, Erect, Salv	8100422	3.000	Ea

0575	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
0580	Reflective Panel for Permanent Sign Support, 6 foot	8100616	14.000	Ea
0585	Sign, Type I, Rem, Salv	8102001	2.000	Ea
0590	Sign, Type II, Rem, Salv	8102002	7.000	Ea
0595	Sign, Type III, Rem, Salv	8102003	55.000	Ea
0600	Sign, Type V, Rem, Salv	8102005	3.000	Ea
0605	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	1.000	Ea
0610	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0615	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
0620	Pavt Mrkg, Waterborne, 6 inch, White	8110233	200.000	Ft
0625	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	200.000	Ft
0630	Recessing Pavt Mrkg, Longit	8110450	35,200.000	Ft
0635	Recessing Pavt Mrkg, Transv	8110451	225.000	Sft
0640	Pavt Mrkg, Preformed Thermopl, 24 inch, Stop Bar	8112082	48.000	Ft
0645	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	19,100.000	Ft
0650	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	1,100.000	Ft
0655	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	15,100.000	Ft
0660	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	15.000	Ea
0665	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	15.000	Ea
0670	Delineator, Flexible, Temp, Furn	8120091	80.000	Ea
0675	Delineator, Flexible, Temp, Oper	8120092	80.000	Ea
0680	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0685	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0690	Ltg for Night Work	8120160	1.000	LSUM
0695	Minor Traf Devices	8120170	1.000	LSUM
0700	Mobile Attenuator	8120180	2.000	Ea
0705	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,770.000	Ft
0710	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0715	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0720	Sign Cover	8120310	15.000	Ea
0725	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0730	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0735	Sign, Type A, Temp, Prismatic, Furn	8120340	96.000	Sft
0740	Sign, Type A, Temp, Prismatic, Oper	8120341	96.000	Sft
0745	Sign, Type B, Temp, Prismatic, Furn	8120350	2,223.000	Sft
0750	Sign, Type B, Temp, Prismatic, Oper	8120351	2,223.000	Sft
0755	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	69,645.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	5,910.000	Ft
0765	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	22,385.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	45,930.000	Ft

0775	Speed Radar Trailer, Temp	8122028	1.000	Ea
0780	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	650.000	Ft
0785	Riprap, Plain	8130010	71.000	Syd
0790	Fertilizer, Chemical Nutrient, CI A	8160020	2,232.000	Lb
0795	Seeding, Mixture TDS	8160037	2,785.000	Lb
0800	Topsoil Surface, Furn, 4 inch	8160062	61,007.000	Syd
0805	_ Mulch Blanket, Modified	8167011	63,883.000	Syd
0810	Freeway Shld Corrugations, Milled, HMA	8222001	25,967.000	Ft
0815	Contractor Staking	8240001	1.000	LSUM
0820	Staking Plan Errors and Extras, Max \$180/hour	8240002	59.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 015**Letting Date:** January 7, 2022**Contract ID:** 41131-201255-2

Description: 4.50 mi of hot mix asphalt cold milling and resurfacing and bridge rehabilitation including concrete deep overlay, expansion joint and railing replacement, steel repair, substructure repair, approach work and pavement markings on I-96 from east of Bristol Avenue to West River Drive and I-96 connector to US-131/I-296 southbound over Marquette Rail and West River Drive in the city of Walker, Kent County. This project includes a 3 year materials and workmanship pavement warranty and two 5 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201255A	21A0870	N/A	IM 41131
210833A	21A0880	N/A	IM 41026

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Conc Quality Initiative	10000030	1,800.000	Dlr
0010	Mobilization, Max \$461,700.00	1100001	1.000	LSUM
0015	Conc Barrier, Rem	2040010	79.000	Ft
0020	Guardrail, Rem	2040035	192.000	Ft
0025	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0030	Pavt, Rem	2040050	479.000	Syd
0035	Exploratory Investigation, Vertical	2040080	10.000	Ft
0040	Embankment, CIP	2050010	7.000	Cyd
0045	Excavation, Earth	2050016	76.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Erosion Control, Sand Bag	2080028	50.000	Ea
0065	Erosion Control, Silt Fence	2080036	540.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0075	_ Aggregate Base, Conditioning, Spec	3027011	500.000	Syd
0080	Shld, CI II	3070121	980.000	Ton
0085	Dr Marker Post	4011109	20.000	Ea
0090	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0095	Dr Structure Cover, Type DX	4030030	2.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	2.000	Ft
0105	Dr Structure, Cleaning	4030290	3.000	Ea
0110	Dr Structure, Tap, 6 inch	4030306	2.000	Ea
0115	Underdrain, Subgrade, 6 inch	4040073	100.000	Ft
0120	Underdrain Outlet, 4 inch	4040091	250.000	Ft

0125	Underdrain Outlet, 6 inch	4040093	250.000	Ft
0130	Underdrain, Outlet Ending, 4 inch	4040111	10.000	Ea
0135	Underdrain, Outlet Ending, 6 inch	4040113	10.000	Ea
0140	Video Inspection of Underdrain	4040200	500.000	Ft
0145	_ Underdrain Outlet Cleanout	4047050	40.000	Ea
0150	Cold Milling HMA Surface	5010002	144,657.000	Syd
0155	Bump Grinding	5010004	100.000	Syd
0160	HMA Surface, Rem	5010005	237.000	Syd
0165	HMA Quality Initiative	5010007	26,170.000	Dlr
0170	Longit Joint Density Quality Initiative	5010018	60,600.000	Dlr
0175	Hand Patching	5010025	255.000	Ton
0180	HMA Approach	5010061	809.000	Ton
0185	HMA Approach, High Stress	5010520	34.000	Ton
0190	HMA, 5EML	5012037	6,763.000	Ton
0195	HMA, 5EML, High Stress	5012085	372.000	Ton
0200	_ Stone Matrix Asphalt (3/8 inch Nominal Max)	5017031	4,852.000	Ton
0205	_ Ride Incentive	5017060	23,360.000	Dlr
0210	Joint, Contraction, Cp	6020200	46.000	Ft
0215	Joint, Contraction, C3p	6020201	18.000	Ft
0220	Joint, Expansion, E2	6020207	72.000	Ft
0225	Joint, Expansion, E3	6020208	79.000	Ft
0230	Joint, Expansion, E4	6020209	20.000	Ft
0235	Conc Pavt, Misc, Nonreinf, 11 inch, High Performance	6020518	208.000	Syd
0240	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	209.000	Syd
0245	Cement	6030005	1.000	Ton
0250	Valley Gutter, Conc	8020060	81.000	Ft
0255	Curb and Gutter, Bridge Approach, Det 5	8022016	35.000	Ft
0260	Curb and Gutter, Bridge Approach, Det 4A	8022021	17.000	Ft
0265	Conc Barrier, Single Face, Type C	8040003	79.000	Ft
0270	Guardrail, Type T	8070002	126.000	Ft
0275	Guardrail Reflector	8070080	6.000	Ea
0280	Guardrail Anch, Bridge, Det M2	8070131	2.000	Ea
0285	Post, Steel, 3 lb	8100371	36.000	Ft
0290	Sign, Type II, Rem	8100397	2.000	Ea
0295	Sign, Type IIB	8100399	16.000	Sft
0300	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0305	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	110.000	Ft
0310	Pavt Mrkg, Polyurea, 6 inch, White	8110094	43,343.000	Ft
0315	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	37,046.000	Ft
0320	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	3.000	Ea
0325	Pavt Mrkg, Polyurea, 12 inch, White	8110111	9,180.000	Ft
0330	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	87.000	Ft
0335	Pavt Mrkg, Waterborne, 6 inch, White	8110233	712.000	Ft
0340	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	581.000	Ft
0345	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	712.000	Ft

0350	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	581.000	Ft
0355	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,230.000	Ft
0360	Rem Spec Mrkg	8110343	84.000	Sft
0365	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0370	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	1.000	Ea
0375	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	3.000	Ea
0380	Recessing Pavt Mrkg, Longit	8110450	89,569.000	Ft
0385	Recessing Pavt Mrkg, Transv	8110451	401.000	Sft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	29.000	Ea
0395	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	29.000	Ea
0400	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0405	Pedestrian Type II Channelizer, Temp	8120027	60.000	Ft
0410	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	650.000	Ea
0415	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	650.000	Ea
0420	Delineator, Flexible, Temp, Furn	8120091	30.000	Ea
0425	Delineator, Flexible, Temp, Oper	8120092	30.000	Ea
0430	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0435	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0440	Ltg for Night Work	8120160	1.000	LSUM
0445	Minor Traf Devices	8120170	1.000	LSUM
0450	Mobile Attenuator	8120180	4.000	Ea
0455	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	33,300.000	Ft
0460	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0465	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0470	Sign Cover	8120310	69.000	Ea
0475	Sign Cover, Type I	8120320	9.000	Ea
0480	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	8.000	Ea
0485	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	8.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	4,882.000	Sft
0495	Sign, Type B, Temp, Prismatic, Oper	8120351	4,882.000	Sft
0500	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	2,398.000	Sft
0505	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	2,398.000	Sft
0510	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	18,100.000	Ft
0515	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	11,600.000	Ft
0520	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,500.000	Ft
0525	Speed Radar Trailer, Temp	8122028	2.000	Ea
0530	_ Traf Speed Sensor, Portable, Temp	8127050	8.000	Ea
0535	_ Control System, Dynamic Work Zone Traf Monitoring System, Modified	8127051	1.000	LSUM
0540	Slope Restoration, Freeway, Type B	8162014	110.000	Syd
0545	Freeway Shld Corrugations, Milled, Conc	8222000	15,670.000	Ft

0550	Freeway Shld Corrugations, Milled, HMA	8222001	37,190.000	Ft
0555	Contractor Staking	8240001	1.000	LSUM
0560	Staking Plan Errors and Extras, Max \$180/hour	8240002	23.000	Hr

Section: 2

0565	_ Railroad Inspection and Flagging, Marquette Rail, LLC	1027060	96,000.000	Dlr
0570	_ Railroad Protection, Marquette Rail, LLC	1027060	20,000.000	Dlr
0575	HMA Patch, Rem	5010006	19.000	Syd
0580	Bridge Ltg, Furn and Rem (R02 of 41026)	7060001	1.000	LSUM
0585	Bridge Ltg, Oper and Maintain	7060002	137.000	Cyd
0590	Expansion Joint Device	7060050	216.000	Ft
0595	False Decking	7060060	6,135.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	65,305.000	Lb
0605	Superstructure Conc, Form, Finish, and Cure, Night Casting (R02 of 41026)	7060112	1.000	LSUM
0610	Superstructure Conc, Night Casting, High Performance	7060117	137.000	Cyd
0615	Conc, Grade 4500HP	7062004	51.000	Cyd
0620	Aesthetic Texturing	7062005	324.000	Syd
0625	Shear Developers (R02 of 41026)	7070040	1.000	LSUM
0630	Joint Waterproofing	7100001	98.000	Sft
0635	Substructure Horizontal Surface Sealer (R02 of 41026)	7100030	363.000	Syd
0640	Bridge Barrier Railing, Aesthetic, Type 6, Det 1, High Performance	7112050	843.000	Ft
0645	Hand Chipping, Other Than Deck	7120007	171.000	Cft
0650	Patch, Full Depth	7120010	2.000	Cyd
0655	Patch, Forming	7120017	513.000	Sft
0660	Bridge Deck Surface Construction	7120025	1,505.000	Syd
0665	Structures, Rehabilitation, Rem Portions (R02 of 41026)	7120070	1.000	LSUM
0670	Deck Joint, Rem	7120071	221.000	Ft
0675	Latex Conc Surface, Rem	7120072	1,288.000	Syd
0680	Hydrodemolition, First Pass	7120076	1,288.000	Syd
0685	Hydrodemolition, 2nd Pass	7120077	129.000	Syd
0690	Top Flanges and Beam Ends, Clean and Coat	7120100	94.000	Syd
0695	Patching Conc, C-L	7120112	7.000	Cyd
0700	Embedded Galvanic Anode	7120120	616.000	Ea
0705	Hand Chipping, Full Depth	7122000	42.000	Cft
0710	_ Conc, Deep Bridge Deck Ovly	7127021	168.000	Cyd
0715	Beam Plate, Seal Perimeter	7130010	227.000	Ft
0720	Cutting Beam Ends, Simple Span	7130020	2.000	Ea
0725	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	3,863.000	Lb
0730	Support, Column, Temp	7130080	2.000	Ea
0735	Steel Structure, Cleaning, Partial, Type 4 (R02 of 41026)	7150047	1.000	LSUM
0740	Steel Structure, Coating, Partial, Type 4 (R02 of 41026)	7150048	1.000	LSUM

	41026)			
0745	Field Repr of Damaged Coating (R02 of 41026)	7160001	1.000	LSUM
0750	Conduit, Rem	8182000	220.000	Ft
0755	Conduit, Schedule 80, 3 inch	8182148	220.000	Ft
0760	DB Cable, in Conduit, 600V, 1/C#6	8182187	660.000	Ft
0765	Cable, Equipment Grounding Wire, 1/C#6	8182291	220.000	Ft
0770	Hh, Round	8182310	3.000	Ea
0775	Hh, Rem	8182330	3.000	Ea
0780	Light Std Arm, Rem and Salv	8190278	3.000	Ea
0785	Light Std Fdn	8190279	2.000	Ea
0790	Light Std Fdn, Rem	8190280	2.000	Ea
0795	Light Std Shaft, Rem and Salv	8190306	3.000	Ea
0800	Luminaire, Install Salv	8190350	3.000	Ea
0805	Luminaire, Rem and Salv	8190365	3.000	Ea
0810	_ Light Std Arm, Install Salv	8197050	3.000	Ea
0815	_ Light Std Shaft, Install Salv	8197050	3.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220107 016

Letting Date: January 7, 2022

Contract ID: 74022-206687-2

Description: Bridge reconstruction of two structures with 36 inch prestressed concrete I beams, hot mix asphalt cold milling and resurfacing, water main relocation and approach work on M-90 over Mills Creek and Black River in the city of Croswell, Sanilac County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206687A	21A0983	N/A	HIPB 74022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$1,013,600.00	1100001	1.000	LSUM
0010	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0015	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0020	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0025	Dr Structure, Rem	2030011	3.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	225.000	Ft
0035	Asbestos Materials, Rem and Disposal	2040001	3,800.000	Dlr
0040	Curb and Gutter, Rem	2040020	858.000	Ft
0045	Guardrail, Rem	2040035	587.000	Ft
0050	Pavt, Rem	2040050	78.000	Syd
0055	Sidewalk, Rem	2040055	140.000	Syd
0060	Exploratory Investigation, Vertical	2040080	25.000	Ft
0065	_ Structure Cover, Rem and Salv	2047050	2.000	Ea
0070	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0075	Embankment, CIP	2050010	1,715.000	Cyd
0080	Excavation, Earth	2050016	5,170.000	Cyd
0085	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,590.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0095	Flowable Fill, Non-Structural	2050148	10.000	Cyd
0100	_ Embankment, CIP, Spec	2057021	700.000	Cyd
0105	Erosion Control, Check Dam, Stone	2080012	160.000	Ft
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0115	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0120	Erosion Control, Silt Fence	2080036	2,670.000	Ft
0125	Subbase, CIP	3010002	3,323.000	Cyd
0130	Aggregate Base, LM	3020002	295.000	Cyd

0135	Aggregate Base, 6 inch	3020016	7,282.000	Syd
0140	Aggregate Surface Cse, 6 inch	3060010	126.000	Syd
0145	Driveway Maintenance, Residential	3062001	13.000	Ea
0150	Intersection Maintenance	3062002	2.000	Ea
0155	_ Shoulder, CI II, Modified	3077031	730.000	Ton
0160	Road Grade Biaxial Geogrid	3082002	1,030.000	Syd
0165	Culv End Sect, 12 inch	4010012	2.000	Ea
0170	Culv, CI F, 12 inch	4010607	48.000	Ft
0175	Culv, Downspout, 12 inch	4010795	40.000	Ft
0180	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	59.000	Ft
0185	Sewer, CI A, 18 inch, Tr Det A	4020006	92.000	Ft
0190	Sewer, CI A, 12 inch, Tr Det B	4020033	28.000	Ft
0195	Sewer, CI A, 18 inch, Tr Det B	4020035	60.000	Ft
0200	Sewer, CI E, 12 inch, Tr Det B	4020600	51.000	Ft
0205	Sewer Tap, 12 inch	4021204	1.000	Ea
0210	Sewer Tap, 15 inch	4021205	1.000	Ea
0215	Sewer Tap, 18 inch	4021206	1.000	Ea
0220	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0225	Video Taping Sewer and Culv Pipe	4021275	211.000	Ft
0230	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0235	Dr Structure Cover, Type B	4030010	3.000	Ea
0240	Dr Structure Cover, Type K	4030050	5.000	Ea
0245	Dr Structure, 24 inch dia	4030200	2.000	Ea
0250	Dr Structure, 48 inch dia	4030210	6.000	Ea
0255	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	18.000	Ft
0260	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0265	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0270	Underdrain, Subbase, 6 inch	4040063	1,584.000	Ft
0275	Underdrain Outlet, 6 inch	4040093	320.000	Ft
0280	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0285	Video Inspection of Underdrain	4040200	1,694.000	Ft
0290	Cold Milling HMA Surface	5010002	4,235.000	Syd
0295	HMA Surface, Rem	5010005	6,113.000	Syd
0300	HMA Quality Initiative	5010007	5,022.000	Dlr
0305	Longit Joint Density Quality Initiative	5010018	5,130.000	Dlr
0310	HMA Approach	5010061	36.000	Ton
0315	HMA, 3EML	5012013	1,050.000	Ton
0320	HMA, 4EML	5012025	710.000	Ton
0325	HMA, 5EML	5012037	715.000	Ton
0330	HMA, Temp Pavt (4EML)	5012103	233.000	Ton
0335	Conc Pavt, Nonreinf, 6 inch	6020100	24.000	Syd
0340	Joint, Expansion, E3	6020208	120.000	Ft
0345	Reinforcement, Steel, Culv and Headwall	7060091	142.000	Lb
0350	_ Impact Attenuator, Test Level-3, Furn and Install,	8007050	1.000	Ea

	Type 1			
0355	Curb and Gutter, Conc, Det D2	8020031	111.000	Ft
0360	Curb and Gutter, Conc, Det F4	8020038	525.000	Ft
0365	Curb and Gutter, Conc, Det F6	8020040	138.000	Ft
0370	Downspout Header, Conc	8020070	2.000	Ea
0375	Curb and Gutter, Bridge Approach, Det 5	8022016	40.000	Ft
0380	Curb and Gutter, Bridge Approach, Det 7A	8022020	123.000	Ft
0385	_ Valley Gutter, Conc, Modified	8027001	337.000	Ft
0390	Detectable Warning Surface	8030010	15.000	Ft
0395	Curb Ramp Opening, Conc	8030030	16.000	Ft
0400	Sidewalk, Conc, 4 inch	8030044	2,142.000	Sft
0405	Sidewalk, Conc, 6 inch	8030046	230.000	Sft
0410	Curb Ramp, Conc, 6 inch	8032002	223.000	Sft
0415	_ Conc Barrier, Single Face, Type C, Modified	8047001	13.000	Ft
0420	Guardrail, Type MGS-8	8070004	322.000	Ft
0425	Guardrail, Curved, Type B	8070010	19.000	Ft
0430	Guardrail, Curved, Type MGS-8	8070012	55.000	Ft
0435	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0440	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0445	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0450	Guardrail Post, Culv	8070070	8.000	Ea
0455	Guardrail Reflector	8070080	30.000	Ea
0460	Post, Mailbox	8070095	15.000	Ea
0465	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0470	Guardrail Anch, Bridge, Det M4	8070133	1.000	Ea
0475	Guardrail Anch, Bridge, Det M1, Curved	8072036	1.000	Ea
0480	_ Hand Digging Guardrail Post	8077050	12.000	Ea
0485	Post, Steel, 3 lb	8100371	253.000	Ft
0490	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0495	Sign, Type III, Rem	8100403	18.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0505	Pavt Mrkg, Waterborne, 4 inch, White	8110231	155,550.000	Ft
0510	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,510.000	Ft
0515	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,020.000	Ft
0520	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,280.000	Ft
0525	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,020.000	Ft
0530	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,280.000	Ft
0535	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	605.000	Ft
0540	Recessing Pavt Mrkg, Longit	8110450	6,835.000	Ft
0545	Recessing Pavt Mrkg, Transv	8110451	136.000	Sft
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0555	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0560	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0565	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	190.000	Ea

0570	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	190.000	Ea
0575	Minor Traf Devices	8120170	1.000	LSUM
0580	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0585	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0590	Sign Cover	8120310	1.000	Ea
0595	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0600	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0605	Sign, Type B, Temp, Prismatic, Furn	8120350	830.000	Sft
0610	Sign, Type B, Temp, Prismatic, Oper	8120351	830.000	Sft
0615	Traf Regulator Control	8120370	1.000	LSUM
0620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,615.000	Ft
0625	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	1,735.000	Ft
0630	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0635	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0640	Riprap, Plain	8130010	54.000	Syd
0645	Site Preparation, Max \$500.00	8150001	1.000	LSUM
0650	Watering and Cultivating, First Season, Min \$200.00	8150002	1.000	LSUM
0655	Watering and Cultivating, 2nd Season, Min \$300.00	8150003	1.000	LSUM
0660	Acer rubrum 'Bowhall', 2 inch	8150142	1.000	Ea
0665	Juniperus virginiana, 6 foot	8152032	4.000	Ea
0670	Slope Restoration, Non-Freeway, Type A	8162001	2,405.000	Syd
0675	Slope Restoration, Non-Freeway, Type B	8162002	365.000	Syd
0680	Slope Restoration, Non-Freeway, Type C	8162003	1,565.000	Syd
0685	_ Mulch Blanket, Temp	8167011	2,180.000	Syd
0690	Monument Preservation	8210010	2.000	Ea
0695	Protect Corners	8210020	2.000	Ea
0700	Fire Hydrant	8230040	2.000	Ea
0705	Gate Valve and Box, 6 inch	8230051	2.000	Ea
0710	Gate Valve, 12 inch	8230064	4.000	Ea
0715	Hydrant, Rem	8230091	1.000	Ea
0720	Water Main, DI, 6 inch, Tr Det F	8230150	30.000	Ft
0725	Water Main, DI, 12 inch, Tr Det F	8230165	210.000	Ft
0730	Water Main, DI, 12 inch, Tr Det G	8230166	163.000	Ft
0735	Water Serv	8230240	2.000	Ea
0740	Gate Well, 60 inch dia	8230360	4.000	Ea
0745	Polyethylene Encasement	8230440	524.000	Ft
0750	Gate Well, Cover	8232000	4.000	Ea
0755	Water Main, DI, 12 inch	8232008	59.000	Ft
0760	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	522.000	Ft
0765	Contractor Staking	8240001	1.000	LSUM
0770	Staking Plan Errors and Extras, Max \$180/hour	8240002	54.000	Hr

Section: 2

0775	Structures, Rem (B05 of 74022)	2040060	1.000	LSUM
0780	Structures, Rem (B06 of 74022)	2040060	1.000	LSUM
0785	Backfill, Structure, CIP	2060002	4,010.000	Cyd
0790	Excavation, Fdn	2060010	21,350.000	Cyd
0795	_ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	5,280.000	Cyd
0800	Erosion Control, Filter Bag	2080014	10.000	Ea
0805	Erosion Control, Gravel Filter Berm	2080018	540.000	Ft
0810	Erosion Control, Sand Bag	2080028	950.000	Ea
0815	Erosion Control, Sediment Basin	2080032	15.000	Cyd
0820	Erosion Control, Sediment Trap	2080034	3.000	Ea
0825	Erosion Control, Turbidity Curtain, Deep	2080042	250.000	Ft
0830	Erosion Control, Turbidity Curtain, Shallow	2080044	25.000	Ft
0835	_ Liner, PVC, 30 mil	2087011	581.000	Syd
0840	Geotextile, Separator, Non-Woven	3082000	5,280.000	Syd
0845	_ Dewatering System for Contaminated Groundwater, East Cofferdam	4027050	1.000	Ea
0850	_ Dewatering System for Contaminated Groundwater, West Cofferdam	4027050	1.000	Ea
0855	Underdrain, Fdn, 6 inch	4040033	240.000	Ft
0860	Culv Bedding, Box Culv	4060005	150.000	Cyd
0865	_ Culv, Precast Conc Box, 24 foot by 12 foot	4067001	52.000	Ft
0870	_ Steel Sheet Piling, Temp, Spec	7047010	590.000	Sft
0875	_ Cofferdam, Left in Place, Spec (B05 of 74022)	7047051	1.000	LSUM
0880	_ Cofferdam, Left in Place, Spec (B06 of 74022)	7047051	1.000	LSUM
0885	_ Cofferdam, Spec (B06 of 74022)	7047051	1.000	LSUM
0890	Pile Driving Equipment, Furn (B06 of 74022)	7050002	1.000	LSUM
0895	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	5,240.000	Ft
0900	Pile Point, CIP Conc	7050025	93.000	Ea
0905	Pile, Steel, Splice	7050050	62.000	Ea
0910	_ Test Pile, Dynamic Anaylsis	7057050	8.000	Ea
0915	_ Test Pile, Furn Dynamic Anaylsis Equipment	7057050	4.000	Ea
0920	Bridge Ltg, Furn and Rem (B06 of 74022)	7060001	1.000	LSUM
0925	Bridge Ltg, Oper and Maintain	7060002	434.000	Cyd
0930	Elec Grounding System	7060040	1.000	Ea
0935	Expansion Joint Device	7060050	122.000	Ft
0940	Expansion Joint Device, Cover Plate	7060051	15.000	Ft
0945	False Decking	7060060	21,480.000	Sft
0950	Reinforcement, Steel, Epoxy Coated	7060092	278,636.000	Lb
0955	Substructure Conc, High Performance	7060101	1,183.000	Cyd
0960	Superstructure Conc, Form, Finish, and Cure (B06 of 74022)	7060111	1.000	LSUM
0965	Superstructure Conc, Form, Finish, and Cure, Night Casting (B06 of 74022)	7060112	1.000	LSUM
0970	Superstructure Conc, High Performance	7060116	87.000	Cyd
0975	Superstructure Conc, Night Casting, High Performance	7060117	434.000	Cyd

0980	Sealing Localized Cracks (B06 of 74022)	7060220	1.000	LSUM
0985	Conc, Grade 3500	7062001	3,623.000	Cyd
0990	_ Conc, Grade X	7067021	38.000	Cyd
0995	Bearing, Elastomeric, 3 1/4 inch	7070021	2,700.000	Sin
1000	Bearing, Elastomeric, 3 1/2 inch	7070022	5,940.000	Sin
1005	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,494.000	Lb
1010	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,494.000	Lb
1015	Prest Conc I Beam, Furn, 36 inch	7080025	1,848.000	Ft
1020	Prest Conc I Beam, Erect, 36 inch	7080026	1,848.000	Ft
1025	Joint Waterproofing	7100001	1,300.000	Sft
1030	Joint Waterproofing, Expansion	7100003	183.000	Sft
1035	Conc Surface Coating, Warranty (B06 of 74022)	7100009	1.000	LSUM
1040	Reflective Marker, Permanent Barrier	7110003	9.000	Ea
1045	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	516.000	Ft
1050	_ Bridge Railing Panel, Rem, Salv, and Transport (B06 of 74022)	7127051	1.000	LSUM
1055	Obstruction Rem	7180100	2,000.000	Dlr
1060	_ Monitoring Structure (B06 of 74022)	8007051	1.000	LSUM
1065	_ Vibration Monitoring	8007051	1.000	LSUM
1070	_ Fence, Ornamental Aluminum, 48 inch	8087001	284.000	Ft
1075	Conc Barrier, Temp, Furn	8120081	210.000	Ft
1080	Conc Barrier, Temp, Oper	8120082	210.000	Ft
1085	_ Riprap, Spec, Class II	8137031	4,450.000	Ton



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 017**Letting Date:** January 7, 2022**Contract ID:** 52000-132762

Description: 3.02 mi of multiple course hot mix asphalt resurfacing, cold milling, joint repairs, intersection improvements, carpool parking lot resurfacing, guardrail replacement, signal upgrades and pavement markings on US-41 from Big Creek Road north to the intersection of M-28 and Cherry Creek Road, Marquette County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
132762A	22A0161	N/A	ST 52000
201195A	22A0162	N/A	NH 52043

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$275,900.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0020	Curb and Gutter, Rem	2040020	1,703.000	Ft
0025	Pavt, Rem	2040050	143.000	Syd
0030	Sidewalk, Rem	2040055	78.000	Syd
0035	Embankment, CIP	2050010	370.000	Cyd
0040	Excavation, Earth	2050016	350.000	Cyd
0045	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0055	Erosion Control, Silt Fence	2080036	100.000	Ft
0060	Approach, CI I	3070001	245.000	Ton
0065	Approach, CI I, 4 inch	3070006	404.000	Syd
0070	Approach, CI I, 6 inch	3070008	120.000	Syd
0075	Approach, CI II	3070021	385.000	Ton
0080	Shld, CI II	3070121	2,250.000	Ton
0085	Culv End Sect, Salv, 30 inch or less	4010119	2.000	Ea
0090	Culv, CI E, 18 inch	4010541	91.000	Ft
0095	Culv, CI F, 12 inch	4010607	32.000	Ft
0100	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	3.000	Ea
0105	Video Taping Sewer and Culv Pipe	4021275	83.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0115	Cold Milling HMA Surface	5010002	88,707.000	Syd
0120	Bump Grinding	5010004	175.000	Syd
0125	HMA Surface, Rem	5010005	1,007.000	Syd

0130	HMA Quality Initiative	5010007	40,500.000	Dlr
0135	Longit Joint Density Quality Initiative	5010018	104,144.000	Dlr
0140	Hand Patching	5010025	565.000	Ton
0145	HMA Approach	5010061	614.000	Ton
0150	HMA Approach, High Stress	5010520	729.000	Ton
0155	HMA, 4EML	5012025	7,709.000	Ton
0160	HMA, 5EML	5012037	8,868.000	Ton
0165	HMA, 4EML, High Stress	5012073	944.000	Ton
0170	HMA, 5EML, High Stress	5012085	708.000	Ton
0175	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	1,548.000	Ft
0180	_ Ride Incentive	5017060	9,697.000	Dlr
0185	Seal, Fog	5050015	885.000	Syd
0190	Driveway, Nonreinf Conc, 6 inch	8010005	143.000	Syd
0195	Curb and Gutter, Conc, Det B2	8020016	1,349.000	Ft
0200	Curb and Gutter, Conc, Det D2	8020031	332.000	Ft
0205	Curb and Gutter, Conc, Det F6	8020040	10.000	Ft
0210	Driveway Opening, Conc, Det M	8020050	78.000	Ft
0215	Detectable Warning Surface	8030010	79.000	Ft
0220	Curb Ramp Opening, Conc	8030030	153.000	Ft
0225	Curb Ramp, Conc, 6 inch	8032002	654.000	Sft
0230	Guardrail, Type MGS-8	8070004	2,028.000	Ft
0235	Guardrail, Curved, Type B	8070010	163.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	8.000	Ea
0245	Guardrail Departing Terminal, Type B	8070050	4.000	Ea
0250	Guardrail, Salv	8070075	2,508.000	Ft
0255	Guardrail Reflector	8070080	120.000	Ea
0260	Post, Mailbox	8070095	8.000	Ea
0265	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0270	_ Delineation, Bidirectional, Guardrail, Offset Block Mtd	8077050	22.000	Ea
0275	_ Hand Digging Guardrail Post	8077050	9.000	Ea
0280	Delineator Reflector, Green	8100133	12.000	Ea
0285	Delineator Reflector, White	8100134	20.000	Ea
0290	Fdn, Wood Support, Rem	8100280	2.000	Ea
0295	Post, Rigid, Delineator	8100361	32.000	Ea
0300	Post, Steel, 3 lb	8100371	76.000	Ft
0305	Sign, Type III, Rem	8100403	2.000	Ea
0310	Sign, Type IIIA	8100404	22.000	Sft
0315	Reflective Panel for Permanent Sign Support, 6 foot	8100616	4.000	Ea
0320	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	640.000	Ft
0325	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0330	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	100.000	Ft
0335	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	400.000	Ft
0340	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	170.000	Ft
0345	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	4.000	Ea

0350	Pavt Mrkg, Waterborne, 6 inch, White	8110233	35,500.000	Ft
0355	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,700.000	Ft
0360	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	35,500.000	Ft
0365	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,700.000	Ft
0370	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	1,476.000	Ft
0375	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0380	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	5.000	Ea
0385	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea
0390	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
0395	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0400	Recessing Pavt Mrkg, Longit	8110450	41,500.000	Ft
0405	Recessing Pavt Mrkg, Guide Line	8110453	56.000	Ft
0410	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	56.000	Ft
0415	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0425	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0430	Ltg for Night Work	8120160	1.000	LSUM
0435	Minor Traf Devices	8120170	1.000	LSUM
0440	Plastic Drum, Fluorescent, Furn	8120252	220.000	Ea
0445	Plastic Drum, Fluorescent, Oper	8120253	220.000	Ea
0450	Sign Cover	8120310	5.000	Ea
0455	Sign, Type B, Temp, Prismatic, Furn	8120350	1,440.000	Sft
0460	Sign, Type B, Temp, Prismatic, Oper	8120351	1,440.000	Sft
0465	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	100.000	Sft
0470	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	100.000	Sft
0475	Traf Regulator Control	8120370	1.000	LSUM
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	166.000	Ft
0485	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,460.000	Ft
0490	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0495	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0500	Pedestrian Path, Temp	8122250	50.000	Ft
0505	Pedestrian Ramp, Temp	8122251	2.000	Ea
0510	Slope Restoration, Non-Freeway, Type A	8162001	150.000	Syd
0515	Slope Restoration, Non-Freeway, Type B	8162002	12,063.000	Syd
0520	Hh, Polymer Conc	8182309	2.000	Ea
0525	Case Sign, Two Way, 24 inch by 30 inch, Salv	8200008	2.000	Ea
0530	Case Sign, Rem	8200020	2.000	Ea
0535	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0540	Span Wire	8200140	4.000	Ea
0545	Span Wire, Rem	8200141	4.000	Ea
0550	Span Wire Tether	8200142	4.000	Ea
0555	TS, Span Wire Mtd, Rem	8200182	10.000	Ea

0560	TS, One Way Span Wire Mtd, Salv	8200191	10.000	Ea
0565	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0570	Hemispherical Video Detection Camera	8200444	1.000	Ea
0575	Hemispherical Video Detection System	8200445	1.000	Ea
0580	TS Face, Bag	8200458	20.000	Ea
0585	TS Face, Bag, Rem	8200459	20.000	Ea
0590	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0595	Backplate, TS	8200501	10.000	Ea
0600	_ Conduit, DB, 1, 1 inch	8207001	20.000	Ft
0605	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0610	_ Controller, Rem	8207050	1.000	Ea
0615	Monument Box Adj	8210005	3.000	Ea
0620	Protect Corners	8210020	3.000	Ea
0625	Centerline Corrugations, Milled, HMA	8220013	15,100.000	Ft
0630	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	30,800.000	Ft
0635	Contractor Staking	8240001	1.000	LSUM
0640	Staking Plan Errors and Extras, Max \$180/hour	8240002	31.000	Hr
0645	Lightning Protection, Pole	8260021	1.000	Ea



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 220107 018**Letting Date:** January 7, 2022**Contract ID:** 82194-200646-2

Description: Bridge rehabilitation includes substructure repair, pier cap replacement, structural steel painting on I-75 at Fort Street in the city of Detroit, Wayne County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200646A	21A0860	N/A	IM 82194

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Relocation and Site Cleanup	1077051	1.000	LSUM
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0015	Mobilization, Max \$497,300.00	1100001	1.000	LSUM
0020	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0025	Erosion Control, Silt Fence	2080036	854.000	Ft
0030	Project Cleanup	2090001	1.000	LSUM
0035	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	1,310.000	Ft
0040	Rem Spec Mrkg	8110343	1,310.000	Sft
0045	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0050	Recessing Pavt Mrkg, Longit	8110450	1,550.000	Ft
0055	Recessing Pavt Mrkg, Transv	8110451	1,310.000	Sft
0060	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	1,560.000	Ft
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
0075	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0080	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
0085	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0090	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	3.000	Ea
0095	Conc Barrier Reflector Replacement	8120070	10.000	Ea
0100	Conc Barrier, Temp, Furn	8120081	800.000	Ft
0105	Conc Barrier, Temp, Oper	8120082	800.000	Ft
0110	Conc Barrier, Temp, Relocated	8120083	1,000.000	Ft
0115	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0120	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0125	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	8.000	Ea

0135	Ltg for Night Work	8120160	1.000	LSUM
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Mobile Attenuator	8120180	6.000	Ea
0150	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	670.000	Ft
0155	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	1,000.000	Ft
0160	Plastic Drum, Fluorescent, Furn	8120252	470.000	Ea
0165	Plastic Drum, Fluorescent, Oper	8120253	470.000	Ea
0170	Sign Cover	8120310	20.000	Ea
0175	Sign Cover, Type I	8120320	2.000	Ea
0180	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0190	Sign, Type A, Temp, Prismatic, Furn	8120340	20.000	Sft
0195	Sign, Type A, Temp, Prismatic, Oper	8120341	20.000	Sft
0200	Sign, Type B, Temp, Prismatic, Furn	8120350	2,400.000	Sft
0205	Sign, Type B, Temp, Prismatic, Oper	8120351	2,400.000	Sft
0210	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0215	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0220	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,420.000	Ft
0225	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,670.000	Ft
0230	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,560.000	Ft
0235	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	110.000	Ft
0240	Pavt Mrkg, Type NR, Paint, 12 inch, Cross Hatching, White	8122105	1,310.000	Ft
0245	Conduit, Rem	8182000	1,270.000	Ft
0250	Conduit, Schedule 80, 1 1/2 inch	8182145	1,270.000	Ft
0255	DB Cable, in Conduit, 600V, 1/C#8	8182188	3,810.000	Ft
0260	Cable, Equipment Grounding Wire, 1/C#8	8182292	1,270.000	Ft
0265	Luminaire, Install Salv	8190350	28.000	Ea
0270	Luminaire, Rem and Salv	8190365	28.000	Ea
0275	TS Face, Bag	8200458	2.000	Ea
0280	TS Face, Bag, Rem	8200459	2.000	Ea
0285	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, Max \$180/hour	8240002	52.000	Hr
0295	_ Removing Rubbish	8507060	10,000.000	Dlr

Section: 2

0300	Clearing, Fence	2010002	1.000	Sta
0305	Fence, Rem	2040025	60.000	Ft
0310	Guardrail, Rem	2040035	480.000	Ft
0315	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0320	Non Haz Contaminated Material Handling and Disposal, LM	2050031	45.000	Cyd

0325	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0330	Backfill, Structure, CIP	2060002	20.000	Cyd
0335	Excavation, Fdn	2060010	20.000	Cyd
0340	Reinforcement, Steel, Epoxy Coated	7060092	21,047.000	Lb
0345	Substructure Conc, High Performance	7060101	56.000	Cyd
0350	Structural Steel, Mixed, Erect	7070050	18,518.000	Lb
0355	Structural Steel, Mixed, Furn and Fab	7070051	18,518.000	Lb
0360	Conc Surface Coating, Warranty (S06 of 82194)	7100009	1.000	LSUM
0365	Substructure Horizontal Surface Sealer (S06 of 82194)	7100030	232.000	Syd
0370	Hand Chipping, Other Than Deck	7120007	1,771.000	Cft
0375	Patch, Forming	7120017	3,542.000	Sft
0380	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	60.000	Ea
0385	Structures, Rehabilitation, Rem Portions (S06 of 82194)	7120070	1.000	LSUM
0390	Masonry Plate, Grout	7120090	22.000	Ea
0395	Flushing Cracks, Water	7120098	100.000	Ft
0400	Structural Crack, Repr	7120099	100.000	Ft
0405	Patching Conc, C-L	7120112	66.000	Cyd
0410	_ Column Wrap with Fiber Reinforced Polymer Sheet	7127010	1,185.000	Sft
0415	_ Embedded Galvanic Anode, High Performing	7127050	5,900.000	Ea
0420	Beam Plate, Seal Perimeter	7130010	2,043.000	Ft
0425	Stiffeners, Furn, Fab, and Erect	7130060	27,895.000	Lb
0430	_ Structural Steel, Temp Support, Spec, Type 1	7137050	60.000	Ea
0435	_ Structural Steel, Temp Support, Spec, Type 2	7137050	5.000	Ea
0440	_ Structural Steel, Temp Support, Spec, Type 3	7137050	8.000	Ea
0445	_ Structural Steel, Temp Support, Spec, Type 4	7137050	44.000	Ea
0450	Steel Structure, Cleaning, Partial, Type 4 (S06 of 82194)	7150047	1.000	LSUM
0455	Steel Structure, Coating, Partial, Type 4 (S06 of 82194)	7150048	1.000	LSUM
0460	_ Downspout, PVC	7177050	2.000	Ea
0465	_ Downspout, Rem, Salv, and Install	7177050	7.000	Ea
0470	Fence, Chain Link, 96 inch, with 3 Strand of Barbed Wire	8080092	60.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 220107 019

Letting Date: January 7, 2022

Contract ID: 74071-208693

Description: 8.08 mi of hot mix asphalt cold milling and resurfacing, concrete sidewalk ramps, joint repairs, shoulder gravel and pavement markings on M-25 from Fisher Road to Mortimer Line Road and on M-46 from east of Sheldon Street to west of Goetze Road in the village of Carsonville, Sanilac County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208693A	N/A	N/A	M 74071
209186A	N/A	N/A	M 74071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$192,100.00	1100001	1.000	LSUM
0010	Sidewalk, Rem	2040055	13.000	Syd
0015	_ Shld, Cl II, Modified	3077031	1,104.000	Ton
0020	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0025	Cold Milling HMA Surface	5010002	150,840.000	Syd
0030	HMA Quality Initiative	5010007	61,811.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	55,460.000	Dlr
0040	Hand Patching	5010025	760.000	Ton
0045	HMA, 5EML	5012037	13,960.000	Ton
0050	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	3,550.000	Ft
0055	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	2,630.000	Ft
0060	Detectable Warning Surface	8030010	31.000	Ft
0065	Curb Ramp, Conc, 6 inch	8032002	120.000	Sft
0070	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	36.000	Ea
0075	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0080	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	1.000	Ea
0085	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0090	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	1.000	Ea
0095	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,194.000	Ft
0100	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	132.000	Ft
0105	Pavt Mrkg, Waterborne, 6 inch, White	8110233	75,000.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	45,500.000	Ft
0115	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	75,000.000	Ft
0120	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	45,500.000	Ft
0125	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0130	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea

0135	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	605.000	Ea
0140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	605.000	Ea
0145	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0155	Minor Traf Devices	8120170	1.000	LSUM
0160	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	5,500.000	Ft
0165	Plastic Drum, Fluorescent, Furn	8120252	20.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	20.000	Ea
0175	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	30.000	Ft
0180	Sign Cover	8120310	8.000	Ea
0185	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0190	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0195	Sign, Type B, Temp, Prismatic, Furn	8120350	720.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	720.000	Sft
0205	Traf Regulator Control	8120370	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, Railroad Sym	8122144	2.000	Ea
0215	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0220	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0225	Monument Box	8210001	2.000	Ea
0230	Monument Preservation	8210010	2.000	Ea
0235	Centerline Corrugations, Milled, HMA	8220013	7,630.000	Ft
0240	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	31,880.000	Ft
0245	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	21,390.000	Ft
0250	_ Railroad Protection, at Grade Crossing, Huron and Eastern Railway	8507060	4,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 220107 020**Letting Date:** January 7, 2022**Contract ID:** 01000-209843

Description: Bridge rehabilitation includes deck replacement, clean and coat structural steel, substructure concrete patching, placement of riprap for scour countermeasures and approach work on F-41 over the Pine River, Alcona County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209843A	N/A	N/A	MCS 01000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$142,000.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	105.000	Ft
0015	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0020	_ Guardrail, Rem, Modified	2047001	564.000	Ft
0025	Embankment, CIP	2050010	20.000	Cyd
0030	Excavation, Earth	2050016	430.000	Cyd
0035	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0040	Erosion Control, Silt Fence	2080036	300.000	Ft
0045	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0050	Subbase, CIP	3010002	120.000	Cyd
0055	Aggregate Base	3020001	330.000	Ton
0060	Shld, CI II, 6 inch	3070128	85.000	Syd
0065	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0070	Dr Structure Cover, Type K	4030050	2.000	Ea
0075	HMA Surface, Rem	5010005	430.000	Syd
0080	HMA, 4EML	5012025	70.000	Ton
0085	Conc Pavt, Bridge Approach, Reinf	6020600	130.000	Syd
0090	Curb and Gutter, Bridge Approach, Det 5	8022016	40.000	Ft
0095	Curb and Gutter, Bridge Approach, Det 6	8022017	50.000	Ft
0100	Guardrail, Type B	8070000	100.000	Ft
0105	Guardrail Reflector	8070080	20.000	Ea
0110	Guardrail Post, Furn and Install, 72 inch	8070101	5.000	Ea
0115	Guardrail Anch, Bridge, Det M3	8070132	4.000	Ea
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0130	Conc Barrier Ending, Temp, Det 5, Adj	8120060	2.000	Ea

0135	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
0140	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0145	Conc Barrier, Temp, Adj	8120080	320.000	Ft
0150	Conc Barrier, Temp, Furn	8120081	320.000	Ft
0155	Conc Barrier, Temp, Oper	8120082	320.000	Ft
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0165	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0170	Minor Traf Devices	8120170	1.000	LSUM
0175	Plastic Drum, Fluorescent, Furn	8120252	80.000	Ea
0180	Plastic Drum, Fluorescent, Oper	8120253	80.000	Ea
0185	PTS System, Temp, Furn	8120270	1.000	Ea
0190	PTS System, Temp, Oper	8120271	1.000	Ea
0195	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0200	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0205	Sign, Type B, Temp, Prismatic, Furn	8120350	300.000	Sft
0210	Sign, Type B, Temp, Prismatic, Oper	8120351	300.000	Sft
0215	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	280.000	Ft
0220	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	280.000	Ft
0225	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	280.000	Ft
0230	Riprap, Plain	8130010	10.000	Syd
0235	Slope Restoration, Non-Freeway, Type B	8162002	260.000	Syd

Section: 2

0240	_ Structure Name Plate	2037050	2.000	Ea
0245	Backfill, Structure, CIP	2060002	15.000	Cyd
0250	Excavation, Fdn	2060010	45.000	Cyd
0255	Joint, Expansion, E3	6020208	75.000	Ft
0260	Bridge Ltg, Furn and Rem (SN 15)	7060001	1.000	LSUM
0265	Bridge Ltg, Oper and Maintain	7060002	195.000	Cyd
0270	Expansion Joint Device	7060050	100.000	Ft
0275	False Decking	7060060	8,920.000	Sft
0280	Reinforcement, Steel, Epoxy Coated	7060092	40,425.000	Lb
0285	Superstructure Conc	7060110	15.000	Cyd
0290	Superstructure Conc, Form, Finish, and Cure (SN 15)	7060111	1.000	LSUM
0295	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 15)	7060112	1.000	LSUM
0300	Superstructure Conc, Night Casting	7060113	195.000	Cyd
0305	Sealing Localized Cracks	7060220	1.000	LSUM
0310	Shear Developers (SN 15)	7070040	1.000	LSUM
0315	Joint Waterproofing	7100001	220.000	Sft
0320	Conc Surface Coating	7100011	305.000	Syd
0325	Substructure Horizontal Surface Sealer	7100030	45.000	Syd
0330	Bridge Railing, Aesthetic Parapet Tube	7110005	392.000	Ft
0335	Hand Chipping, Other Than Deck	7120007	80.000	Cft
0340	Patch, Forming	7120017	300.000	Sft

0345	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	44.000	Ea
0350	Structures, Rehabilitation, Rem Portions (SN 15)	7120070	1.000	LSUM
0355	Reinforcement, Mechanical Splice	7120084	410.000	Ea
0360	Top Flanges and Beam Ends, Clean and Coat	7120100	150.000	Syd
0365	Patching Conc, C-L	7120112	2.000	Cyd
0370	Embedded Galvanic Anode	7120120	40.000	Ea
0375	Beam Plate, Seal Perimeter	7130010	120.000	Ft
0380	Steel Structure, Cleaning, Type 4 (SN 15)	7150045	1.000	LSUM
0385	Steel Structure, Coating, Type 4 (SN 15)	7150046	1.000	LSUM
0390	Drain Casting, Type 1	7170001	12.000	Ea
0395	Drain Casting Assembly, Type 1	7172020	12.000	Ea
0400	Riprap, Heavy	8130005	80.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 220107 021**Letting Date:** January 7, 2022**Contract ID:** 30000-133159

Description: Bridge rehabilitation includes removal and replacement of portions of structure and approach work on Montgomery Road over the east fork west branch St. Joseph of the Maumee River, Hillsdale County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133159A	N/A	N/A	MCS 30000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$89,600.00	1100001	1.000	LSUM
0010	_ Clearing, Modified	2017002	5.000	Sta
0015	Embankment, CIP	2050010	250.000	Cyd
0020	Excavation, Earth	2050016	2,000.000	Cyd
0025	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0030	Erosion Control, Silt Fence	2080036	914.000	Ft
0035	Subbase, CIP	3010002	900.000	Cyd
0040	Aggregate Base	3020001	143.000	Ton
0045	Aggregate Base, 8 inch	3020020	2,000.000	Syd
0050	Shld, CI II, 6 inch	3070128	300.000	Syd
0055	HMA Surface, Rem	5010005	1,191.000	Syd
0060	HMA, 4EL	5012024	354.000	Ton
0065	HMA, 5EL	5012036	177.000	Ton
0070	Curb and Gutter, Bridge Approach, Det 1	8022010	34.000	Ft
0075	Curb and Gutter, Bridge Approach, Det 2	8022011	47.000	Ft
0080	Guardrail, Type B	8070000	188.000	Ft
0085	Guardrail, Curved, Type B	8070010	38.000	Ft
0090	Guardrail, Curved, Type T	8070011	25.000	Ft
0095	Guardrail Anch, Bridge, Det T3	8070024	3.000	Ea
0100	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0105	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0110	Guardrail Departing Terminal, Type T	8070051	1.000	Ea
0115	Guardrail, Salv	8070075	399.000	Ft
0120	Guardrail Reflector	8070080	34.000	Ea
0125	Post, Mailbox	8070095	1.000	Ea
0130	_ Guardrail Approach Terminal, Type 1B	8077050	1.000	Ea
0135	_ Guardrail Approach Terminal, Type 2B	8077050	1.000	Ea

0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,064.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	1,064.000	Ft
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0155	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	680.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	680.000	Sft
0175	Ditch, Plain Cobble	8140005	20.000	Syd
0180	_ Slope Restoration, Modified	8167011	1,300.000	Syd

Section: 2

0185	Structures, Rem Portions	2040061	1.000	LSUM
0190	Backfill, Structure, CIP	2060002	100.000	Cyd
0195	Excavation, Fdn	2060010	350.000	Cyd
0200	Underdrain, Fdn, 4 inch	4040031	92.000	Ft
0205	Underdrain Outlet, 4 inch	4040091	32.000	Ft
0210	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0215	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0220	Pile, Steel, Furn and Driven, 12 inch	7050030	1,712.000	Ft
0225	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0230	Pile, Steel, Splice	7050050	24.000	Ea
0235	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0240	Bridge Ltg, Oper and Maintain	7060002	69.000	Cyd
0245	Conc, Low Temperature Protection	7060020	57.000	Cyd
0250	False Decking	7060060	1,148.000	Sft
0255	Reinforcement, Steel, Epoxy Coated	7060092	20,484.000	Lb
0260	Substructure Conc	7060100	57.000	Cyd
0265	Superstructure Conc	7060110	9.000	Cyd
0270	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM
0275	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0280	Superstructure Conc, Night Casting	7060113	69.000	Cyd
0285	_ Structural Steel, Erect, Special	7077051	1.000	LSUM
0290	_ Structural Steel, Furn and Fab, Special	7077051	1.000	LSUM
0295	Joint Waterproofing	7100001	15.000	Sft
0300	Joint Waterproofing, Expansion	7100003	146.000	Sft
0305	_ Silane Treatment	7107010	1,000.000	Sft
0310	Bridge Barrier Railing, Type 5	7110002	104.000	Ft
0315	Riprap, Heavy	8130005	150.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 220107 022**Letting Date:** January 7, 2022**Contract ID:** 82000-208971

Description: 0.60 mi of hot mix asphalt cold milling and resurfacing, concrete pavement and retaining wall repair, signing and pavement markings on Schaefer Road from I-94 northerly to Prospect Avenue in the city of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208971A	22A0066	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Inspection and Flagging, Conrail	1077060	5,000.000	Dlr
0010	_ Railroad Protection, Conrail	1077060	5,000.000	Dlr
0015	Mobilization, Max \$96,600.00	1100001	1.000	LSUM
0020	_ Clearing and Grubbing	2017012	0.500	Acre
0025	Dr Structure, Rem	2030011	4.000	Ea
0030	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0035	Curb and Gutter, Rem	2040020	120.000	Ft
0040	Fence, Rem	2040025	1,100.000	Ft
0045	Sidewalk, Rem	2040055	1,100.000	Syd
0050	_ Driveway Apron, Rem	2047011	120.000	Syd
0055	Embankment, CIP	2050010	50.000	Cyd
0060	Excavation, Earth	2050016	50.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0075	Maintenance Gravel, LM	3060021	100.000	Cyd
0080	Sewer, CI E, 12 inch, Tr Det B	4020600	20.000	Ft
0085	Dr Structure Cover, Adj, Case 1	4030005	40.000	Ea
0090	Dr Structure, 24 inch dia	4030200	2.000	Ea
0095	Dr Structure, 48 inch dia	4030210	2.000	Ea
0100	Dr Structure, Adj, Add Depth	4030280	10.000	Ft
0105	Dr Structure, Cleaning	4030290	25.000	Ea
0110	_ Dr Structure Cover, Modified	4037050	13.000	Ea
0115	Cold Milling HMA Surface	5010002	15,700.000	Syd
0120	HMA Surface, Rem	5010005	200.000	Syd
0125	Pavt for Butt Joints, Rem	5010008	625.000	Syd
0130	Pavt Joint and Crack Repr, Det 7	5010020	2,350.000	Ft
0135	Pavt Joint and Crack Repr, Det 8	5010021	235.000	Ft

0140	Hand Patching	5010025	50.000	Ton
0145	HMA, 4EMH	5012026	1,500.000	Ton
0150	HMA, 5EMH	5012038	2,010.000	Ton
0155	Cold Milling Conc Pavt	6030014	50.000	Syd
0160	Lane Tie, Epoxy Anchored	6030030	1,500.000	Ea
0165	Pavt Repr, Nonreinf Conc, 10 inch	6030048	1,500.000	Syd
0170	Pavt Repr, Rem	6030080	1,500.000	Syd
0175	Reinforcement, Steel, Epoxy Coated	7060092	1,000.000	Lb
0180	Conc Surface Coating	7100011	600.000	Syd
0185	Hand Chipping, Other Than Deck	7120007	500.000	Cft
0190	Patching Mortar or Conc	7120015	10.000	Cyd
0195	Patch, Forming	7120017	1,000.000	Sft
0200	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	20.000	Ea
0205	Adhesive Anchoring of Vertical Bar, 5/8 inch	7120033	10.000	Ea
0210	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	10.000	Ea
0215	_ Curb and Gutter, Conc, Det F4, Modified	8027001	120.000	Ft
0220	_ Curb Repr, Conc	8027001	1,600.000	Ft
0225	Detectable Warning Surface	8030010	70.000	Ft
0230	Curb Ramp Opening, Conc	8030030	70.000	Ft
0235	Sidewalk, Conc, 4 inch	8030044	3,700.000	Sft
0240	Curb Ramp, Conc, 6 inch	8032002	400.000	Sft
0245	_ Fence, Industrial Grade Aluminum, 48 Inch	8087001	1,100.000	Ft
0250	_ Fence Gate, Industrial Grade Aluminum, 48 Inch, 10 Foot Sliding	8087050	1.000	Ea
0255	Post Hole Through Conc for Steel Post	8100340	3.000	Ea
0260	Post, Flexible, Delineator	8100360	10.000	Ea
0265	Post, Steel, 3 lb	8100371	60.000	Ft
0270	Sign, Type IIIB	8100405	31.000	Sft
0275	Pavt Mrkg, Polyurea, 4 inch, White	8110091	2,100.000	Ft
0280	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	6,000.000	Ft
0285	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	400.000	Ft
0290	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	110.000	Ft
0295	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0300	Pavt Mrkg, Polyurea, Only	8110410	3.000	Ea
0305	_ Pavt Mrkg, Polyurea, 12 inch, Yellow, Curb Painting	8117001	80.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0315	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0325	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0335	Pavt Mrkg Cover, Type R, Black	8120200	500.000	Ft
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	6,000.000	Ft
0345	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	200.000	Ft

0350	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	300.000	Ft
0355	Plastic Drum, Fluorescent, Furn	8120252	200.000	Ea
0360	Plastic Drum, Fluorescent, Oper	8120253	200.000	Ea
0365	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0370	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0375	Fertilizer, Chemical Nutrient, CI A	8160020	10.000	Lb
0380	Mulch Blanket	8160027	800.000	Syd
0385	Seeding, Mixture TUF	8160042	80.000	Lb
0390	Topsoil Surface, Furn, 4 inch	8160062	800.000	Syd
0395	Water, Sodding/Seeding	8160090	50.000	Unit



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Schedule of Pay Items

Report v1

Letting Call: 220107 023**Letting Date:** January 7, 2022**Contract ID:** 76000-209881

Description: Bridge reconstruction with 27 inch prestressed concrete box beams, steel piles, culverts, drainage approach work and pavement markings on Durand Road over Rush Creek, Shiawassee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209881A	N/A	N/A	MCS 76000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$123,800.00	1100001	1.000	LSUM
0020	_ Clearing, Modified	2017002	4.000	Sta
0030	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0040	Guardrail, Rem	2040035	287.000	Ft
0050	_ Pavt, Rem, Modified	2047011	638.000	Syd
0060	Embankment, CIP	2050010	255.000	Cyd
0070	Excavation, Earth	2050016	550.000	Cyd
0080	Erosion Control, Silt Fence	2080036	700.000	Ft
0090	Subbase, CIP	3010002	357.000	Cyd
0100	_ Aggregate Base, 24 inch, Modified	3027011	350.000	Syd
0110	_ Aggregate Base, 6 inch, Modified	3027011	896.000	Syd
0120	_ Approach, CI II, 6 inch, Modified	3077011	40.000	Syd
0130	_ Shld, CI II, 4 Inch, Modified	3077011	144.000	Syd
0140	Culv End Sect, 18 inch	4010018	6.000	Ea
0150	Culv, CI A, 18 inch	4010133	286.000	Ft
0160	Culv, CI F, 18 inch	4010609	130.000	Ft
0170	HMA Approach	5010061	175.000	Ton
0180	Joint, Expansion, E3	6020208	32.000	Ft
0190	_ Curb and Gutter, Bridge Approach, Modified	8027001	166.000	Ft
0200	Guardrail, Type MGS-8	8070004	50.000	Ft
0210	Guardrail, Curved, Type MGS-8	8070012	13.000	Ft
0220	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0230	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0240	Guardrail Reflector	8070080	16.000	Ea
0250	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0260	_ Hand Digging Guardrail Post	8077050	1.000	Ea
0270	Sign, Type III, Rem	8100403	2.000	Ea

0280	Pavt Mrkg, Waterborne, 4 inch, White	8110231	700.000	Ft
0290	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	88.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	700.000	Ft
0310	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	88.000	Ft
0320	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	306.000	Ft
0330	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0340	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0360	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0370	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0380	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0390	Minor Traf Devices	8120170	1.000	LSUM
0400	Sign Cover	8120310	72.000	Ea
0410	Sign, Type B, Temp, Prismatic, Furn	8120350	629.000	Sft
0420	Sign, Type B, Temp, Prismatic, Oper	8120351	629.000	Sft
0430	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0450	Traf Regulator Control	8120370	1.000	LSUM
0460	_ Riprap, Plain, Modified	8137031	8.000	Ton
0470	_ Turf Establishment, Performance-No Rye, Special	8167011	1,192.000	Syd

Section: 2

0480	Structures, Rem	2040060	1.000	LSUM
0490	Backfill, Structure, CIP	2060002	315.000	Cyd
0500	Excavation, Fdn	2060010	475.000	Cyd
0510	Erosion Control, Turbidity Curtain, Deep	2080042	200.000	Ft
0520	Erosion Control, Turbidity Curtain, Shallow	2080044	200.000	Ft
0530	Underdrain, Fdn, 4 inch	4040031	209.000	Ft
0540	Underdrain Outlet, 4 inch	4040091	40.000	Ft
0550	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0560	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0570	Pile, Steel, Furn and Driven, 12 inch	7050030	1,530.000	Ft
0580	Test Pile, Steel, 12 inch	7050031	2.000	Ea
0590	Pile Point, Steel	7050039	40.000	Ea
0600	Pile, Steel, Splice	7050050	40.000	Ea
0610	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0620	Bridge Ltg, Oper and Maintain	7060002	134.000	Cyd
0630	Expansion Joint Device	7060050	37.000	Ft
0640	False Decking	7060060	996.000	Sft
0650	Reinforcement, Steel, Epoxy Coated	7060092	42,814.000	Lb
0660	Substructure Conc	7060100	134.000	Cyd
0670	Superstructure Conc	7060110	24.000	Cyd
0680	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM

0690	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0700	Superstructure Conc, Night Casting	7060113	134.000	Cyd
0710	Conc, Grade 3500, Subfooting	7062000	18.000	Cyd
0720	_ Structure Name Plate	7067050	1.000	Ea
0730	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	511.000	Lb
0740	Steel Diaphragm, Prest Conc Beam, Erect	7070054	511.000	Lb
0750	_ Bearing, Elastomeric, 1 1/8 inch	7077008	3,080.000	Sin
0760	Prest Conc Box Beam, Furn, 27 inch	7080065	256.000	Ft
0770	Prest Conc Box Beam, Erect, 27 inch	7080066	256.000	Ft
0780	Joint Waterproofing	7100001	358.000	Sft
0790	Joint Waterproofing, Expansion	7100003	106.000	Sft
0800	_ Silane Treatment	7107010	1,258.000	Sft
0810	Bridge Railing, Aesthetic Parapet Tube	7110005	128.000	Ft
0820	_ Riprap, Heavy, Modified	8137031	574.000	Ton



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Schedule of Pay Items

Report v1

Letting Call: 220107 024**Letting Date:** January 7, 2022**Contract ID:** 27000-206915**Description:** 2.76 mi of hot mix asphalt cold-in-place recycle shoulders and resurfacing and guardrail on Lake Road east of the Michigan/Wisconsin state line, Gogebic County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
206915A	22A0012	N/A	STL 27000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$74,300.00	1100001	1.000	LSUM
0020	Material, Surplus and Unsuitable, Rem, LM	3050010	15.000	Cyd
0030	Maintenance Gravel	3060020	20.000	Ton
0040	Approach, CI II	3070021	160.000	Ton
0050	Shld, CI II	3070121	1,700.000	Ton
0060	Cold Milling HMA Surface	5010002	612.000	Syd
0070	HMA Surface, Rem	5010005	16.000	Syd
0080	HMA Approach	5010061	100.000	Ton
0090	HMA, 5EL	5012036	4,500.000	Ton
0100	_ Cold in Place, Recycling	5017011	42,210.000	Syd
0110	Post, Mailbox	8070095	4.000	Ea
0120	Guardrail Height, Adj	8070100	1,814.000	Ft
0130	Guardrail, Reconst, Type B	8070105	1,188.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, White	8110231	29,110.000	Ft
0150	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	16,300.000	Ft
0160	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0170	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0180	Minor Traf Devices	8120170	1.000	LSUM
0190	Sign, Type B, Temp, Prismatic, Furn	8120350	360.000	Sft
0200	Sign, Type B, Temp, Prismatic, Oper	8120351	360.000	Sft
0210	Traf Regulator Control	8120370	1.000	LSUM
0220	_ Asphalt Stabilizing Material	8507022	80,200.000	Gal

Schedule of Pay Items

Report v1

Letting Call: 220107 025

Letting Date: January 7, 2022

Contract ID: 70000-205373

Description: 0.35 mi of hot mix asphalt reconstruction, concrete curb, gutter, concrete sidewalk and ramps, signing, watermain and pavement markings on Fulton Avenue from Beacon Boulevard (US-31) easterly to Albee Street in the city of Grand Haven, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205373A	22A0073	N/A	STUL 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$130,000.00	1100001	1.000	LSUM
0020	Dr Structure, Rem	2030011	3.000	Ea
0030	Curb and Gutter, Rem	2040020	4,085.000	Ft
0040	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0050	Pavt, Rem	2040050	1,450.000	Syd
0060	Sidewalk, Rem	2040055	1,975.000	Syd
0070	Exploratory Investigation, Vertical	2040080	25.000	Ft
0080	Non Haz Contaminated Material Handling and Disposal, LM	2050031	500.000	Cyd
0090	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0100	_ Machine Grading, Modified	2057002	19.000	Sta
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0120	Erosion Control, Sand Fence	2080030	500.000	Ft
0130	Erosion Control, Silt Fence	2080036	750.000	Ft
0140	Aggregate Base, 10 inch	3020026	8,105.000	Syd
0150	Maintenance Gravel, LM	3060021	500.000	Cyd
0160	Dr Structure Cover, Adj, Case 1	4030005	28.000	Ea
0170	_ Dr Structure Cover, Type B, Modified	4037050	4.000	Ea
0180	_ Dr Structure Cover, Type K, Modified	4037050	14.000	Ea
0190	_ Dr Structure Cover, Type Q, Modified	4037050	10.000	Ea
0200	_ Dr Structure, Reconstruct	4037050	3.000	Ea
0210	HMA Surface, Rem	5010005	6,700.000	Syd
0220	Hand Patching	5010025	30.000	Ton
0230	HMA Approach	5010061	215.000	Ton
0240	HMA, 4EML	5012025	850.000	Ton
0250	HMA, 5EML	5012037	680.000	Ton
0260	Conc Pavt, Nonreinf, 9 inch	6020106	215.000	Syd
0270	Joint, Contraction, Cp	6020200	70.000	Ft

0280	Joint, Expansion, E2	6020207	100.000	Ft
0290	Cement	6030005	5.000	Ton
0300	Lane Tie, Epoxy Anchored	6030030	100.000	Ea
0310	Driveway, Nonreinf Conc, 6 inch	8010005	1,385.000	Syd
0320	Curb and Gutter, Conc, Det C4	8020023	4,095.000	Ft
0330	Curb Ramp Opening, Conc	8030030	195.000	Ft
0340	Sidewalk, Conc, 4 inch	8030044	11,625.000	Sft
0350	Sidewalk, Conc, 6 inch	8030046	1,255.000	Sft
0360	Curb Ramp, Conc, 6 inch	8032002	2,890.000	Sft
0370	_ Detectable Warning Surface, Cast Iron	8037001	120.000	Ft
0380	Post, Mailbox	8070095	5.000	Ea
0390	Post, Steel, 3 lb	8100371	465.000	Ft
0400	Sign, Type III, Rem	8100403	25.000	Ea
0410	Sign, Type IIIA	8100404	56.000	Sft
0420	Sign, Type IIIB	8100405	84.000	Sft
0430	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	3,500.000	Ft
0440	_ Pavt Mrkg, Waterborne, 12 inch, Crosswalk	8117001	670.000	Ft
0450	_ Pavt Mrkg, Waterborne, 24 inch, Stop Bar	8117001	115.000	Ft
0460	_ Pavt Mrkg, Waterborne, Rt Turn Arrow Sym	8117050	1.000	Ea
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0500	Dust Palliative, Applied	8120100	10.000	Ton
0510	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0520	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0530	Ltg for Night Work	8120160	1.000	LSUM
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Plastic Drum, Fluorescent, Furn	8120252	150.000	Ea
0560	Plastic Drum, Fluorescent, Oper	8120253	150.000	Ea
0570	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0580	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0590	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	150.000	Sft
0600	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	150.000	Sft
0610	Pedestrian Path, Temp	8122250	1,850.000	Ft
0620	Pedestrian Ramp, Temp	8122251	20.000	Ea
0630	_ Hardwood Mulch, 4 inch	8157011	75.000	Syd
0640	Fertilizer, Chemical Nutrient, CI A	8160020	200.000	Lb
0650	Mulch Blanket	8160027	4,150.000	Syd
0660	Seeding, Mixture TUF	8160042	200.000	Lb
0670	Topsoil Surface, Furn, 4 inch	8160062	4,150.000	Syd
0680	Flsh Beacon, Solar Power	8200071	2.000	Ea
0690	Pedestal, Alum	8200100	2.000	Ea
0700	Pedestal, Fdn	8200105	2.000	Ea

0710	Pushbutton and Sign	8200121	2.000	Ea
0720	_ Pedestal Painting	8207050	2.000	Ea
0730	_ Water Main Insulation	8237001	50.000	Ft
0740	_ Water Main, DI, 12 inch, Tr Det G, Modified	8237001	155.000	Ft
0750	_ Water Main, DI, 4 inch, Tr Det G, Modified	8237001	30.000	Ft
0760	_ Water Main, DI, 6 inch, Tr Det G, Modified	8237001	30.000	Ft
0770	_ Water Main, DI, 8 inch, Tr Det G, Modified	8237001	1,970.000	Ft
0780	_ Water Main, Rem	8237001	2,250.000	Ft
0790	_ Curb Stop and Box	8237050	34.000	Ea
0800	_ Fire Hydrant, Modified	8237050	5.000	Ea
0810	_ Gate Valve and Box, 12 inch, Modified	8237050	3.000	Ea
0820	_ Gate Valve and Box, 6 inch, Modified	8237050	1.000	Ea
0830	_ Gate Valve and Box, 8 inch, Modified	8237050	9.000	Ea
0840	_ Hydrant, Rem, Modified	8237050	3.000	Ea
0850	_ Water Serv, 1 inch, Modified	8237050	16.000	Ea
0860	_ Water Serv, 2 inch, Modified	8237050	1.000	Ea
0870	_ Water Serv, Long, 1 inch, Modified	8237050	17.000	Ea
0880	_ Force Main Cleanout Manhole	8257050	2.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 220107 026

Letting Date: January 7, 2022

Contract ID: 74000-209798

Description: Bridge rehabilitation including hot mix asphalt resurfacing, bridge deck wearing surface, replace deck waterproof membrane, hand chip and latex patch repairs of concrete prestress box fascia beams, concrete surface coating on fascia beams and guardrail replacement on Applegate Road, Banner Road and Fetting Road over the Elk Creek Drain, Sanilac County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209798A	22A0079	N/A	BO 74000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$48,000.00	1100001	1.000	LSUM
0010	Culv, Rem, Less than 24 inch	2030001	1.000	Ea
0015	Guardrail, Rem	2040035	550.000	Ft
0020	Embankment, CIP	2050010	500.000	Cyd
0025	Excavation, Earth	2050016	310.000	Cyd
0030	Erosion Control, Silt Fence	2080036	700.000	Ft
0035	Erosion Control, Turbidity Curtain, Deep	2080042	300.000	Ft
0040	Aggregate Base	3020001	395.000	Ton
0045	Aggregate Base, Conditioning	3020050	650.000	Syd
0050	Approach, CI II	3070021	40.000	Ton
0055	Shld, CI II	3070121	120.000	Ton
0060	Culv, CI F, 18 inch	4010609	35.000	Ft
0065	HMA, 4EL	5012024	330.000	Ton
0070	Conc Base Cse, Nonreinf, 9 inch	6020021	309.000	Syd
0075	Guardrail, Type B	8070000	226.000	Ft
0080	Guardrail, Curved, Type B	8070010	50.000	Ft
0085	Guardrail Departing Terminal, Type B	8070050	2.000	Ea
0090	Guardrail Reflector	8070080	24.000	Ea
0095	_ Guardrail Approach Terminal, Type 2B	8077050	10.000	Ea
0100	Delineator Reflector, Green	8100133	24.000	Ea
0105	Post, Rigid, Delineator	8100361	12.000	Ea
0110	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	1,096.000	Ft
0115	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	139.000	Ft
0120	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	22.000	Ea
0125	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	22.000	Ea

0130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	60.000	Ea
0135	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	60.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	48.000	Ft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,501.000	Sft
0155	Sign, Type B, Temp, Prismatic, Oper	8120351	1,501.000	Sft
0160	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	96.000	Sft
0165	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	96.000	Sft
0170	Traf Regulator Control	8120370	1.000	LSUM
0175	Slope Restoration, Non-Freeway, Type C	8162003	700.000	Syd
0180	Monument Box	8210001	1.000	Ea
0185	Monument Preservation	8210010	1.000	Ea

Section: 2

0190	_ HMA Surface, Rem, Modified	5017011	1,632.000	Syd
0195	False Decking	7060060	1,280.000	Sft
0200	Joint Waterproofing	7100001	773.000	Sft
0205	Membrane, Preformed Waterproofing	7100008	6,955.000	Sft
0210	_ Conc Surface Coating	7107011	425.000	Syd
0215	_ Fiber Reinforced Polymer (FRP) Beam Strengthening System	7127010	1,019.000	Sft
0220	_ Hand Chipping, Spec	7127010	815.000	Sft
0225	_ Latex Modified Conc, Spec	7127020	139.000	Cft



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Schedule of Pay Items

Report v1

Letting Call: 220107 027**Letting Date:** January 7, 2022**Contract ID:** 70000-200243-2

Description: 0.72 mi of hot mix asphalt shared-use path and pedestrian bridge on Buttermilk Creek Pathway from north of New Holland Street to east of Buttermilk Creek in the city of Hudsonville, Ottawa County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200243A	21A0501	N/A	TAU 70000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$68,300.00	1100001	1.000	LSUM
0010	Curb and Gutter, Rem	2040020	90.000	Ft
0015	Fence, Rem	2040025	30.000	Ft
0020	Sidewalk, Rem	2040055	73.000	Syd
0025	Embankment, Structure, CIP	2050012	70.000	Cyd
0030	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0035	Backfill, Structure, CIP	2060002	200.000	Cyd
0040	Aggregate	2060005	70.000	Cyd
0045	Excavation, Fdn	2060010	350.000	Cyd
0050	Erosion Control, Filter Bag	2080014	2.000	Ea
0055	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0060	Erosion Control, Silt Fence	2080036	4,500.000	Ft
0065	Subbase, CIP	3010002	1,800.000	Cyd
0070	Sewer, Cl A, 6 inch, Tr Det B	4020030	40.000	Ft
0075	Underdrain, Subbase, 4 inch	4040061	3,000.000	Ft
0080	Underdrain Outlet, 4 inch	4040091	200.000	Ft
0085	Cofferdams	7040007	1.000	LSUM
0090	Cofferdams, Left in Place	7040009	1.000	LSUM
0095	Pile, Treated Timber, Furn	7050010	350.000	Ft
0100	Pile, Treated Timber, Driven	7050011	350.000	Ft
0105	Test Pile, Treated Timber	7050015	1.000	Ea
0110	_ Helical Pile	7057050	14.000	Ea
0115	_ Helical Pile, Load Test	7057050	2.000	Ea
0120	_ Helical Pile Equipment, Furn	7057051	1.000	LSUM
0125	Reinforcement, Steel, Epoxy Coated	7060092	6,610.000	Lb
0130	Substructure Conc	7060100	58.000	Cyd
0135	_ Segmental Block Return Wall	7067010	492.000	Sft

0140	_ Prefabricated Pedestrian Bridge, Furn and Erect	7077050	1.000	Ea
0145	_ Wood Boardwalk	7097001	90.000	Ft
0150	Curb Ramp Opening, Conc	8030030	90.000	Ft
0155	Sidewalk, Conc, 4 inch	8030044	575.000	Sft
0160	Curb Ramp, Conc, 6 inch	8032002	760.000	Sft
0165	_ Detectable Warning Surface, Modified	8037001	70.000	Ft
0170	Shared use Path, Conc	8060020	28.000	Syd
0175	Shared use Path, Grading	8060030	3,810.000	Ft
0180	Shared use Path, HMA	8060040	600.000	Ton
0185	_ Shared use Path, Aggregate, 6 inch	8067011	4,930.000	Syd
0190	Post, Mailbox	8070095	1.000	Ea
0195	_ Approach Railing	8087001	20.000	Ft
0200	Post, Steel, 3 lb	8100371	140.000	Ft
0205	Post, Wood, 4 inch by 6 inch	8100380	112.000	Ft
0210	Sign, Type IIIA	8100404	25.000	Sft
0215	Sign, Type IIIB	8100405	75.000	Sft
0220	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	360.000	Ft
0225	Pavt Mrkg, Polyurea, 12 inch, White	8110111	40.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0235	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0240	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0245	Minor Traf Devices	8120170	1.000	LSUM
0250	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0255	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0260	Sign, Type B, Temp, Prismatic, Furn	8120350	500.000	Sft
0265	Sign, Type B, Temp, Prismatic, Oper	8120351	500.000	Sft
0270	Riprap, Heavy	8130006	180.000	Ton
0275	Site Preparation, Max \$2,800.00	8150001	1.000	LSUM
0280	Watering and Cultivating, First Season, Min \$1,300.00	8150002	1.000	LSUM
0285	Watering and Cultivating, 2nd Season, Min \$1,700.00	8150003	1.000	LSUM
0290	Acer x freemanii 'Autumn Blaze', 2 inch	8150222	8.000	Ea
0295	Liriodendron tulipifera, 2 inch	8152177	8.000	Ea
0300	Platanus x acerifolia 'Bloodgood', 2 inch	8152885	8.000	Ea
0305	Mulch Blanket	8160027	800.000	Syd
0310	_ Herbicide Under HMA	8167010	40,000.000	Sft
0315	_ Slope Restoration	8167011	8,000.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 220107 028**Letting Date:** January 7, 2022**Contract ID:** 13044-210853

Description: 0.99 mi of cold milling hot mix asphalt surface and one course hot mix asphalt overlay on I-94BL (Michigan Avenue) from Marshall Avenue to west of the Michigan Avenue split in the city of Marshall, Calhoun County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210853A	22A0160	N/A	NH 13044

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$30,500.00	1100001	1.000	LSUM
0010	Erosion Control, Inlet Protection, Fabric Drop	2080020	42.000	Ea
0015	Dr Structure Cover, Adj, Case 1, Modified	4030004	20.000	Ea
0020	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0025	Dr Structure Cover, Type D	4030025	1.000	Ea
0030	Dr Structure Cover, Type K	4030050	3.000	Ea
0035	Dr Structure, Adj, Add Depth	4030280	12.000	Ft
0040	Cold Milling HMA Surface	5010002	20,717.000	Syd
0045	HMA Quality Initiative	5010007	3,682.000	Dlr
0050	Longit Joint Density Quality Initiative	5010018	11,430.000	Dlr
0055	Hand Patching	5010025	1.000	Ton
0060	HMA Approach	5010061	122.000	Ton
0065	HMA, 5EL	5012036	1,718.000	Ton
0070	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	128.000	Ft
0075	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	88.000	Ft
0080	Pavt Mrkg, Ovly Cold Plastic, School	8110074	2.000	Ea
0085	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	9,500.000	Ft
0090	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,122.000	Ft
0095	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	9,500.000	Ft
0100	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,122.000	Ft
0105	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0110	Recessing Pavt Mrkg, Transv	8110451	252.000	Sft
0115	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	210.000	Ea
0125	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	210.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0135	Lighted Arrow, Type C, Oper	8120141	2.000	Ea

0140	Minor Traf Devices	8120170	1.000	LSUM
0145	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,168.000	Ft
0150	Sign Cover	8120310	10.000	Ea
0155	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0160	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0165	Sign, Type B, Temp, Prismatic, Furn	8120350	724.000	Sft
0170	Sign, Type B, Temp, Prismatic, Oper	8120351	724.000	Sft
0175	Traf Regulator Control	8120370	1.000	LSUM
0180	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	88.000	Ft
0185	Rumble Strip, Temp, Portable, Furn	8122188	6.000	Ea
0190	Rumble Strip, Temp, Portable, Oper	8122189	6.000	Ea
0195	Slope Restoration, Non-Freeway, Type A	8162001	16.000	Syd
0200	Gate Box, Adj, Case 1	8230431	8.000	Ea
0205	Contractor Staking	8240001	1.000	LSUM
0210	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 220107 029**Letting Date:** January 7, 2022**Contract ID:** 29011-211249**Description:** 1.70 mi of hot mix asphalt cold milling and resurfacing, joint repairs, shoulder gravel and pavement markings on US-127 from north of Humphrey Road to Washington Road, Gratiot County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
211249A	22A0163	N/A	NH 29011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$127,400.00	1100001	1.000	LSUM
0010	Aggregate Base	3020001	740.000	Ton
0015	Trenching	3070200	37.000	Sta
0020	_ Shld, CI II, Modified	3077031	420.000	Ton
0025	Cold Milling HMA Surface	5010002	88,700.000	Syd
0030	HMA Quality Initiative	5010007	16,540.000	Dlr
0035	Longit Joint Density Quality Initiative	5010018	71,463.000	Dlr
0040	Pavt Joint and Crack Repr, Det 7	5010020	3,400.000	Ft
0045	Pavt Joint and Crack Repr, Det 8	5010021	1,500.000	Ft
0050	Hand Patching	5010025	500.000	Ton
0055	HMA Approach	5010061	380.000	Ton
0060	HMA, 5EML	5012037	7,390.000	Ton
0065	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0070	Recessing Pavt Mrkg, Longit	8110450	50,600.000	Ft
0075	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	27,700.000	Ft
0080	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	400.000	Ft
0085	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	22,400.000	Ft
0090	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0095	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	700.000	Ea
0105	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	700.000	Ea
0110	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0115	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0120	Minor Traf Devices	8120170	1.000	LSUM
0125	Sign Cover	8120310	70.000	Ea
0130	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea

0135	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0140	Sign, Type B, Temp, Prismatic, Furn	8120350	2,142.000	Sft
0145	Sign, Type B, Temp, Prismatic, Oper	8120351	2,142.000	Sft
0150	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	66.000	Sft
0155	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	66.000	Sft
0160	Freeway Shld Corrugations, Milled, HMA	8222001	41,830.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 220107 030**Letting Date:** January 7, 2022**Contract ID:** 17023-116376

Description: 7.91 mi of hot mix asphalt cold milling and resurfacing, paver placed surface sealer, fog seal, guardrail and pavement markings on M-134 from the ferry dock to Townline Road/Shore Road on Drummond Island, Chippewa County. This project includes a 3 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
116376A	22A0164	N/A	ST 17023

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$137,000.00	1100001	1.000	LSUM
0010	Guardrail, Rem	2040035	3,098.000	Ft
0015	Embankment, CIP	2050010	19.000	Cyd
0020	Excavation, Earth	2050016	92.000	Cyd
0025	Aggregate Base	3020001	61.000	Ton
0030	Approach, CI II	3070021	300.000	Ton
0035	Shld, CI II	3070121	1,276.000	Ton
0040	Cold Milling HMA Surface	5010002	3,535.000	Syd
0045	HMA Approach	5010061	176.000	Ton
0050	Overband Crack Fill, Lane	5020003	15.820	Lnmi
0055	Paver Placed Surface Seal, Type C, Warranty	5030041	135,123.000	Syd
0060	Seal, Fog	5050015	9,280.000	Syd
0065	Guardrail, Type MGS-8	8070004	3,622.000	Ft
0070	Guardrail, Curved, Type B	8070010	38.000	Ft
0075	Guardrail Approach Terminal, Type 2M	8070044	11.000	Ea
0080	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0085	Guardrail Reflector	8070080	141.000	Ea
0090	Delineator Reflector, Green	8100133	12.000	Ea
0095	Post, Rigid, Delineator	8100361	12.000	Ea
0100	Post, Steel, 3 lb	8100371	72.000	Ft
0105	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0110	Sign, Type III, Rem	8100403	18.000	Ea
0115	Sign, Type IIIB	8100405	29.000	Sft
0120	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
0125	Sign, Type III, Rem, Salv	8102003	1.000	Ea
0130	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	2.000	Ea
0135	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	336.000	Ft

0140	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	106.000	Ft
0145	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	73,007.000	Ft
0150	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,839.000	Ft
0155	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	73,007.000	Ft
0160	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,839.000	Ft
0165	Rem Spec Mrkg	8110343	575.000	Sft
0170	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0175	Pavt Mrkg, Thermopl, Rumble Strip	8110470	684.000	Ft
0180	Protective Ovly, Snowmobile Trail Crossing	8110550	45.000	Syd
0185	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0195	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	220.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	220.000	Ea
0205	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0215	Minor Traf Devices	8120170	1.000	LSUM
0220	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	157,846.000	Ft
0225	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	442.000	Ft
0230	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	1,813.000	Ea
0235	Sign Cover	8120310	25.000	Ea
0240	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	1.000	Ea
0245	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	1.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	492.000	Sft
0255	Sign, Type B, Temp, Prismatic, Oper	8120351	492.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM
0265	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
0270	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
0275	Centerline Corrugations, Milled, HMA	8220013	41,712.000	Ft
0280	Contractor Staking	8240001	1.000	LSUM
0285	Staking Plan Errors and Extras, Max \$180/hour	8240002	14.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 220107 031

Letting Date: January 7, 2022

Contract ID: 73131-208858

Description: 3.87 mi of hot mix asphalt cold milling and resurfacing, centerline corrugations and pavement markings on M-83 from M-54 to just north of Townline Road, Saginaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208858A	N/A	N/A	M 73131

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	Mobilization, Max \$85,300.00	1100001	1.000	LSUM
0010	_ Shld, CI II, Modified	3077031	1,500.000	Ton
0015	Cold Milling HMA Surface	5010002	57,000.000	Syd
0020	Bump Grinding	5010004	2,000.000	Syd
0025	HMA Quality Initiative	5010007	9,800.000	Dlr
0030	Longit Joint Density Quality Initiative	5010018	61,350.000	Dlr
0035	HMA Approach	5010061	200.000	Ton
0040	HMA, 5EML	5012037	4,700.000	Ton
0045	Recessing Pavt Mrkg, Longit	8110450	48,000.000	Ft
0050	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	41,000.000	Ft
0055	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	7,000.000	Ft
0060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0065	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0070	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	250.000	Ea
0075	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	250.000	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, White, Temp	8120245	4,000.000	Ft
0100	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,000.000	Ft
0105	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0110	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0115	Sign Cover	8120310	6.000	Ea
0120	Sign, Portable, Changeable Message, Furn	8120330	3.000	Ea
0125	Sign, Portable, Changeable Message, Oper	8120331	3.000	Ea

0130	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0135	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0140	Monument Box	8210001	6.000	Ea
0145	Monument Preservation	8210010	6.000	Ea
0150	Protect Corners	8210020	6.000	Ea
0155	Centerline Corrugations, Milled, HMA	8220013	20,000.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 220107 032**Letting Date:** January 7, 2022**Contract ID:** 39000-206269

Description: 1.35 mi of hot mix asphalt resurfacing, cold milling concrete pavement, concrete curb and ramps and pavement markings on Stadium Drive from southwest of Howard Street to Lovell Street in the city of Kalamazoo, Kalamazoo County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206269A	22A0025	N/A	STU 39000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0005	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	8,000.000	Dlr
0010	Mobilization, Max \$322,400.00	1100001	1.000	LSUM
0015	Dr Structure, Rem	2030011	2.000	Ea
0020	Sewer, Rem, Less than 24 inch	2030015	100.000	Ft
0025	Curb and Gutter, Rem	2040020	2,380.000	Ft
0030	Guardrail, Rem	2040035	50.000	Ft
0035	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0040	Pavt, Rem	2040050	10,535.000	Syd
0045	Sidewalk, Rem	2040055	540.000	Syd
0050	Embankment, CIP	2050010	3,370.000	Cyd
0055	Excavation, Earth	2050016	2,280.000	Cyd
0060	Subgrade Undercutting, Type II	2050041	100.000	Cyd
0065	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0070	Erosion Control, Silt Fence	2080036	9,210.000	Ft
0075	Project Cleanup	2090001	1.000	LSUM
0080	Subbase, CIP	3010002	3,400.000	Cyd
0085	Aggregate Base, 10 inch	3020026	3,710.000	Syd
0090	Maintenance Gravel	3060020	100.000	Ton
0095	Trenching	3070200	34.000	Sta
0100	Culv End Sect, Conc, 18 inch	4010049	1.000	Ea
0105	Sewer, Cl E, 18 inch, Tr Det B	4020602	21.000	Ft
0110	Dr Structure Cover, Adj, Case 1	4030005	53.000	Ea
0115	Dr Structure Cover, Adj, Case 2	4030006	5.000	Ea
0120	Dr Structure Cover, Type D	4030025	1.000	Ea
0125	Dr Structure Cover, Type K	4030050	19.000	Ea
0130	Dr Structure, 48 inch dia	4030210	1.000	Ea
0135	Dr Structure, Adj, Add Depth	4030280	10.000	Ft

0140	Dr Structure, Temp Lowering	4030390	26.000	Ea
0145	_ Dr Structure Cover, Type B, Modified	4037050	18.000	Ea
0150	_ Dr Structure Cover, Type Q, Modified	4037050	20.000	Ea
0155	Cold Milling HMA Surface	5010002	1,580.000	Syd
0160	HMA Surface, Rem	5010005	48,800.000	Syd
0165	Hand Patching	5010025	50.000	Ton
0170	HMA Approach	5010061	155.000	Ton
0175	HMA, 3EML	5012013	730.000	Ton
0180	HMA, 4EML	5012025	5,625.000	Ton
0185	HMA, 5EML	5012037	4,210.000	Ton
0190	_ Asphalt Repr Mastic	5027001	23,000.000	Ft
0195	Conc Base Cse, Nonreinf, 6 inch	6020015	1,095.000	Syd
0200	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	15.000	Syd
0205	_ Cold Milling Conc Pavt	6037011	43,525.000	Syd
0210	Driveway, Nonreinf Conc, 6 inch	8010005	170.000	Syd
0215	Curb, Conc, Det E2	8020002	1,005.000	Ft
0220	Curb and Gutter, Conc, Det F2	8020036	8,582.000	Ft
0225	Curb and Gutter, Conc, Det F4	8020038	1,048.000	Ft
0230	Driveway Opening, Conc, Det M	8020050	290.000	Ft
0235	Detectable Warning Surface	8030010	230.000	Ft
0240	Curb Ramp Opening, Conc	8030030	310.000	Ft
0245	Sidewalk, Conc, 4 inch	8030044	2,175.000	Sft
0250	Sidewalk, Conc, 6 inch	8030046	300.000	Sft
0255	Curb Ramp, Conc, 6 inch	8032002	3,965.000	Sft
0260	Shared use Path, Conc	8060020	4,155.000	Syd
0265	Shared use Path, Grading	8060030	4,670.000	Ft
0270	Guardrail, Salv	8070075	3,295.000	Ft
0275	Guardrail, Reconst, Type B	8070105	3,295.000	Ft
0280	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	166.000	Ea
0285	Post, Flexible, Delineator	8100360	166.000	Ea
0290	Post, Steel, 3 lb	8100371	1,048.000	Ft
0295	Sign, Type II, Rem	8100397	1.000	Ea
0300	Sign, Type IIB	8100399	10.000	Sft
0305	Sign, Type III, Erect, Salv	8100402	16.000	Ea
0310	Sign, Type III, Rem	8100403	175.000	Ea
0315	Sign, Type IIIA	8100404	175.000	Sft
0320	Sign, Type IIIB	8100405	209.000	Sft
0325	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	15,655.000	Ft
0330	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	5,530.000	Ft
0335	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	1,000.000	Ft
0340	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	1,595.000	Ft
0345	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	440.000	Ft
0350	Recessing Pavt Mrkg, Longit	8110450	21,900.000	Ft
0355	Recessing Pavt Mrkg, Transv	8110451	3,040.000	Sft

0360	Recessing Pavt Mrkg, Guide Line	8110453	110.000	Ft
0365	Pavt Mrkg, Sprayable Thermopl, 4 inch, Dotted Thru Guide Line, White	8110568	100.000	Ft
0370	Pavt Mrkg, Preformed Thermopl, Lt Turn Arrow Sym	8112021	16.000	Ea
0375	Pavt Mrkg, Preformed Thermopl, Rt Turn Arrow Sym	8112022	12.000	Ea
0380	Pavt Mrkg, Preformed Thermo, Thru and Rt Turn Arrow Sym	8112026	3.000	Ea
0385	Pavt Mrkg, Preformed Thermopl, Thru Arrow Sym	8112027	2.000	Ea
0390	Pavt Mrkg, Preformed Thermopl, Only	8112051	9.000	Ea
0395	_ Pavt Mrkg, Waterborne, 12 inch, Yellow, Curb Painting	8117001	80.000	Ft
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0405	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0410	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
0415	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,250.000	Ea
0420	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,250.000	Ea
0425	Dust Palliative, Applied	8120100	50.000	Ton
0430	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0435	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0445	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	2,500.000	Ft
0450	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	8.000	Ea
0455	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	3.000	Ea
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	1,000.000	Ft
0465	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0470	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0475	Sign Cover	8120310	20.000	Ea
0480	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0485	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0495	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0505	Pavt Mrkg, Wet Reflective, Type NR, Tape, 6 inch, Yellow, Temp	8122010	200.000	Ft
0510	Pavt Mrkg, Type NR, Paint, Rt and Lt Turn Arrow Sym	8122070	1.000	Ea
0515	Pavt Mrkg, Type NR, Paint, Thru and Rt Turn Arrow Sym	8122073	1.000	Ea
0520	Site Preparation, Max \$15,000	8150001	1.000	LSUM
0525	Watering and Cultivating, First Season, Min \$10,000	8150002	1.000	LSUM
0530	Watering and Cultivating, 2nd Season, Min \$10,000	8150003	1.000	LSUM
0535	_ Low-Profile Prairie Seeding	8157011	2,591.000	Syd
0540	_ Ginkgo Bilboa Princeton Sentry, 4 Inch	8157050	21.000	Ea
0545	_ Quercus Robur x Albe ' JFS-KW1QX', 4 Inch	8157050	12.000	Ea
0550	_ Taxodium Distichum 'Shawnee Brave', 4 Inch	8157050	30.000	Ea
0555	_ Tilia Americana 'Sentry', 4 Inch	8157050	12.000	Ea

0560	_ Zelkova Serrata 'Musashino', 4 Inch	8157050	1.000	Ea
0565	_ Low-Profile Prairie, Watering and Cultivating, First Season, Min \$10,000	8157051	1.000	LSUM
0570	_ Low-Profile Prairie, Watering and Cultivating, Second Season, Min \$10,000	8157051	1.000	LSUM
0575	Mulch Blanket	8160027	2,591.000	Syd
0580	Topsoil Surface, Furn, 6 inch	8160064	3,774.000	Syd
0585	Slope Restoration, Non-Freeway, Type B	8162002	4,125.000	Syd
0590	Conduit, DB, 1, 1 1/2 inch	8182048	320.000	Ft
0595	Hh, Round	8182310	3.000	Ea
0600	Hh, Round, 3 foot dia	8182319	1.000	Ea
0605	Hh, Rem	8182330	1.000	Ea
0610	Case Sign, Salv	8200039	6.000	Ea
0615	Pedestal, Alum	8200100	11.000	Ea
0620	Pedestal, Fdn	8200105	16.000	Ea
0625	Pedestal Fdn, Rem	8200106	6.000	Ea
0630	Pedestal, Rem	8200110	6.000	Ea
0635	Pushbutton, Rem	8200122	12.000	Ea
0640	Pushbutton, Pedestal, Alum	8200123	5.000	Ea
0645	Push Button Station and Sign	8200128	14.000	Ea
0650	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	10.000	Ea
0655	TS, Pedestrian, Pedestal Mtd, Rem	8200181	10.000	Ea
0660	TS, Two Way Span Wire Mtd, Salv	8200201	2.000	Ea
0665	Pedestrian Signal System, Accessible	8200240	3.000	Ea
0670	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	7.000	Ea
0675	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	6.000	Ea
0680	TS Head, Adj	8200452	14.000	Ea
0685	TS Head, Temp	8200453	10.000	Ea
0690	TS Face, Bag	8200458	24.000	Ea
0695	TS Face, Bag, Rem	8200459	24.000	Ea
0700	Gate Box, Adj, Temp, Case 1	8230391	2.000	Ea
0705	Gate Box, Adj, Case 2	8230432	2.000	Ea
0710	_ Gate Box, Adj, Case 1, Modified	8237050	2.000	Ea
0715	_ Gate Box, Reconstruct, Modified	8237050	4.000	Ea



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Schedule of Items

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Proposal ID: 63000-210735**Project(s):** 210735A**Letting Number:** 220107**Call Number:** 033**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0010	1077051 - _Audio Video Route Survey	1.000 LSUM		
0020	1100001 - Mobilization, Max\$120,000.00	1.000 LSUM		
0030	2040020 - Curb and Gutter, Rem	8,648.000 Ft		
0040	2040055 - Sidewalk, Rem	150.000 Syd		
0050	2047011 - _Pavt, Rem, Modified	2,918.000 Syd		
0060	2047050 - _Exploratory Excavation	5.000 Ea		
0070	2050010 - Embankment, CIP	150.000 Cyd		
0080	2050016 - Excavation, Earth	300.000 Cyd		
0090	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	20.000 Cyd		
0100	2057021 - _Subgrade Undercutting, Type II, 1 by 3	100.000 Cyd		
0110	2057021 - _Subgrade Undercutting, Type II, 21AA	100.000 Cyd		
0120	2087001 - _Erosion Control, Silt Fence, OCWRC	100.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	2087050 - _Erosion Control, Inlet Protection, Fabric Drop, OCWRC	40.000 Ea		
0140	2090001 - Project Cleanup	1.000 LSUM		
0150	3027011 - _Aggregate Base, 4 inch, Modified	150.000 Syd		
0160	3027011 - _Aggregate Base, 6 inch, Modified	1,095.000 Syd		
0170	3027031 - _Aggregate Base, Modified	399.000 Ton		
0180	3067031 - _Maintenance Gravel, 21AA	500.000 Ton		
0190	4030010 - Dr Structure Cover, Type B	1.000 Ea		
0200	4030015 - Dr Structure Cover, Type C	20.000 Ea		
0210	4030025 - Dr Structure Cover, Type D	1.000 Ea		
0220	4030065 - Dr Structure Cover, Type Q	5.000 Ea		
0230	4030306 - Dr Structure, Tap, 6 inch	5.000 Ea		
0240	4037001 - _Structure Cover, Adj, Add Depth	20.000 Ft		
0250	4037050 - _Inside Structure, Pointing Up	24.000 Ea		
0260	4037050 - _San Structure Cover, Adj	6.000 Ea		
0270	4037050 - _Stm Structure Cover, Adj	33.000 Ea		
0280	4040083 - Underdrain, Subgrade, Open-Graded, 6 inch	50.000 Ft		
0290	5010002 - Cold Milling HMA Surface	16,394.000 Syd		

Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	5010008 - Pavt for Butt Joints, Rem	80.000 Syd		
0310	5010020 - Pavt Joint and Crack Repr, Det 7	5,000.000 Ft		
0320	5010021 - Pavt Joint and Crack Repr, Det 8	2,500.000 Ft		
0330	5010025 - Hand Patching	500.000 Ton		
0340	5010061 - HMA Approach	373.000 Ton		
0350	5012025 - HMA, 4EML	2,094.000 Ton		
0360	5012037 - HMA, 5EML	1,571.000 Ton		
0370	6027001 - _Conc Base Cse, Nonreinf, Special	8,648.000 Ft		
0380	8010005 - Driveway, Nonreinf Conc, 6 inch	129.000 Syd		
0390	8020031 - Curb and Gutter, Conc, Det D2	8,648.000 Ft		
0400	8030030 - Curb Ramp Opening, Conc	20.000 Ft		
0410	8032002 - Curb Ramp, Conc, 6 inch	450.000 Sft		
0420	8037001 - _Detectable Warning Surface, Modified	16.000 Ft		
0430	8060040 - Shared use Path, HMA	25.000 Ton		
0440	8077050 - _Post, Mailbox, Remove and Reset	20.000 Ea		
0450	8100371 - Post, Steel, 3 lb	70.000 Ft		
0460	8100402 - Sign, Type III, Erect, Salv	5.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	8110091 - Pavt Mrkg, Polyurea, 4 inch, White	250.000 Ft		
0480	8110092 - Pavt Mrkg, Polyurea, 4 inch, Yellow	10,650.000 Ft		
0490	8110113 - Pavt Mrkg, Polyurea, 18 inch, Stop Bar	24.000 Ft		
0500	8110405 - Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	3.000 Ea		
0510	8110410 - Pavt Mrkg, Polyurea, Only	6.000 Ea		
0520	8110412 - Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1.000 Ea		
0530	8110417 - Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	1.000 Ea		
0540	8110450 - Recessing Pavt Mrkg, Longit	10,900.000 Ft		
0550	8110451 - Recessing Pavt Mrkg, Transv	517.000 Sft		
0560	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	20.000 Ea		
0570	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	20.000 Ea		
0580	8120026 - Pedestrian Type II Barricade, Temp	10.000 Ea		
0590	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	200.000 Ea		
0600	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	200.000 Ea		
0610	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		

Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0620	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0630	8120170 - Minor Traf Devices	1.000 LSUM		
0640	8120236 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	2,000.000 Ft		
0650	8120310 - Sign Cover	40.000 Ea		
0660	8120350 - Sign, Type B, Temp, Prismatic, Furn	283.000 Sft		
0670	8120351 - Sign, Type B, Temp, Prismatic, Oper	283.000 Sft		
0680	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	127.000 Sft		
0690	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	127.000 Sft		
0700	8120370 - Traf Regulator Control	1.000 LSUM		
0710	8122251 - Pedestrian Ramp, Temp	2.000 Ea		
0720	8167011 - _Turf Establishment, Performance	5,000.000 Syd		
0730	8210001 - Monument Box	1.000 Ea		
0740	8210005 - Monument Box Adj	1.000 Ea		
0750	8210010 - Monument Preservation	1.000 Ea		
0760	8237001 - _Sprinkler Line	1,000.000 Ft		
0770	8237050 - _Irrigation Control Box, Relocate	1.000 Ea		
0780	8237050 - _Irrigation Control Box, Replace	1.000 Ea		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0790	8237050 - _Sprinkler Head, Relocate	50.000 Ea		
0800	8237050 - _Sprinkler Head, Replace	50.000 Ea		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 63000-210735

Project(s): 210735A

Letting Number: 220107

Call Number: 033

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Proposal ID: 44000-209795**Project(s):** 209795A, 209796A**Letting Number:** 220107**Call Number:** 034**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max \$39,000.00	1.000 LSUM		
0010	2017002 - _Clearing, Modified	6.000 Sta		
0015	2040035 - Guardrail, Rem	190.000 Ft		
0020	2050010 - Embankment, CIP	30.000 Cyd		
0025	2050016 - Excavation, Earth	140.000 Cyd		
0030	2080036 - Erosion Control, Silt Fence	750.000 Ft		
0035	3027031 - _Aggregate Base, Modified	191.000 Ton		
0040	3077031 - _Shld, CI II, Modified	74.000 Ton		
0045	3080005 - Geotextile, Separator	569.000 Syd		
0050	5010002 - Cold Milling HMA Surface	383.000 Syd		
0055	5010005 - HMA Surface, Rem	456.000 Syd		
0060	5010061 - HMA Approach	222.000 Ton		
0065	8070004 - Guardrail, Type MGS-8	25.000 Ft		
0070	8070044 - Guardrail Approach Terminal, Type 2M	5.000 Ea		

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0075	8070080 - Guardrail Reflector	16.000 Ea		
0080	8070150 - Guardrail Anch, Bridge, Det A3	5.000 Ea		
0085	8100403 - Sign, Type III, Rem	4.000 Ea		
0090	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	23.000 Ea		
0095	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	23.000 Ea		
0100	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	100.000 Ea		
0105	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	100.000 Ea		
0110	8120140 - Lighted Arrow, Type C, Furn	4.000 Ea		
0115	8120141 - Lighted Arrow, Type C, Oper	4.000 Ea		
0120	8120170 - Minor Traf Devices	1.000 LSUM		
0125	8120310 - Sign Cover	120.000 Ea		
0130	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,405.000 Sft		
0135	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,405.000 Sft		
0140	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	109.000 Sft		
0145	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	109.000 Sft		
0150	8120370 - Traf Regulator Control	1.000 LSUM		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0155	8167011 - _Slope Restoration, Modified	805.000 Syd		

Section 1 Total:

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
2	Structure Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	2047001 - _Guardrail, Rem, Modified	48.000 Ft		
0165	5017011 - _HMA Surface, Rem, Modified	215.000 Syd		
0170	7060092 - Reinforcement, Steel, Epoxy Coated	104.000 Lb		
0175	7067001 - _Expansive Waterstop	5.000 Ft		
0180	7070050 - Structural Steel, Mixed, Erect	3,184.000 Lb		
0185	7070051 - Structural Steel, Mixed, Furn and Fab	3,184.000 Lb		
0190	7100008 - Membrane, Preformed Waterproofing	1,932.000 Sft		
0195	7120004 - Hand Chipping, Deep	35.000 Syd		
0200	7120007 - Hand Chipping, Other Than Deck	8.000 Cft		
0205	7120010 - Patch, Full Depth	3.000 Cyd		
0210	7120017 - Patch, Forming	5.000 Sft		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0215	7120020 - Epoxy Ovly	185.000 Syd		
0220	7120028 - Adhesive Anchoring of Horizontal Bar, 3/4 inch	96.000 Ea		
0225	7120030 - Adhesive Anchoring of Horizontal Bar, 1/2 inch	5.000 Ea		
0230	7120099 - Structural Crack, Repr	55.000 Ft		
0235	7120112 - Patching Conc, C-L	4.000 Cyd		
0240	7120120 - Embedded Galvanic Anode	4.000 Ea		
0245	7122000 - Hand Chipping, Full Depth	69.000 Cft		
0250	7127001 - _Bridge Joints, Clean and Seal	94.000 Ft		
0255	7127010 - _Flexural Strengthening System with FRP Sheet	65.000 Sft		
0260	7127010 - _Hand Chipping, Spec	14.000 Sft		
0265	7127021 - _Latex Modified Conc, Spec	1.000 Cyd		
0270	7127051 - _Bridge Cleaning (STR 5388)	1.000 LSUM		
0275	7170065 - Deck Drain, Extension	2.000 Ea		
0280	8137031 - _Riprap, Under Structures, Heavy	81.000 Ton		

Section 2 Total:

Total Bid:



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Proposal ID: 44000-209795

Project(s): 209795A, 209796A

Letting Number: 220107

Call Number: 034

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Report v1

Proposal ID: 44000-209797**Project(s):** 209797A**Letting Number:** 220107**Call Number:** 035**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work State 80%/Lapeer CRC 20%			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$42,900.00	1.000 LSUM		
0010	2017002 - _Clearing, Modified	10.000 Sta		
0015	2040035 - Guardrail, Rem	743.000 Ft		
0020	2050010 - Embankment, CIP	70.000 Cyd		
0025	2050016 - Excavation, Earth	275.000 Cyd		
0030	2080036 - Erosion Control, Silt Fence	1,450.000 Ft		
0035	3027031 - _Aggregate Base, Modified	435.000 Ton		
0040	3077031 - _Shld, CI II, Modified	113.000 Ton		
0045	3080005 - Geotextile, Separator	1,253.000 Syd		
0050	5010005 - HMA Surface, Rem	630.000 Syd		
0055	8070004 - Guardrail, Type MGS-8	250.000 Ft		
0060	8070012 - Guardrail, Curved, Type MGS-8	50.000 Ft		
0065	8070044 - Guardrail Approach Terminal, Type 2M	10.000 Ea		

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	8070052 - Guardrail Departing Terminal, Type MGS	2.000 Ea		
0075	8070080 - Guardrail Reflector	42.000 Ea		
0080	8070150 - Guardrail Anch, Bridge, Det A3	8.000 Ea		
0085	8077001 - _Guardrail Anch, Bridge, Det T4, Modified	4.000 Ft		
0090	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	19.000 Ea		
0095	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	19.000 Ea		
0100	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	150.000 Ea		
0105	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	150.000 Ea		
0110	8120140 - Lighted Arrow, Type C, Furn	6.000 Ea		
0115	8120141 - Lighted Arrow, Type C, Oper	6.000 Ea		
0120	8120170 - Minor Traf Devices	1.000 LSUM		
0125	8120310 - Sign Cover	89.000 Ea		
0130	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,443.000 Sft		
0135	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,443.000 Sft		
0140	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	78.000 Sft		

Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0145	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	78.000 Sft		
0150	8120370 - Traf Regulator Control	1.000 LSUM		
0155	8167011 - _Slope Restoration, Modified	1,845.000 Syd		

Section 1 Total:

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
2	Structure Work State 80%/Lapeer CRC 20%			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	2047001 - _Guardrail, Rem, Modified	166.000 Ft		
0165	2080044 - Erosion Control, Turbidity Curtain, Shallow	100.000 Ft		
0170	5010061 - HMA Approach	377.000 Ton		
0175	5017011 - _HMA Surface, Rem, Modified	440.000 Syd		
0180	7060090 - Reinforcement, Steel	110.000 Lb		
0185	7100008 - Membrane, Preformed Waterproofing	3,955.000 Sft		
0190	7117001 - _Bridge Railing, Thrie Beam Retrofit, Modified	75.000 Ft		
0195	7120007 - Hand Chipping, Other Than Deck	100.000 Cft		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0200	7120017 - Patch, Forming	120.000		
		Sft		
0205	7120112 - Patching Conc, C-L	5.000		
		Cyd		
0210	7120120 - Embedded Galvanic Anode	30.000		
		Ea		
0215	7127001 - _Grout Repair	90.000		
		Ft		

Section 2 Total:

Total Bid:



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 44000-209797

Project(s): 209797A

Letting Number: 220107

Call Number: 035

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 77000-209829**Project(s):** 209829A**Letting Number:** 220107**Call Number:** 036**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$22,000.00	1.000 LSUM		
0010	2090001 - Project Cleanup	1.000 LSUM		
0015	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	10.000 Ea		
0020	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	10.000 Ea		
0025	8120170 - Minor Traf Devices	1.000 LSUM		
0030	8120350 - Sign, Type B, Temp, Prismatic, Furn	199.000 Sft		
0035	8120351 - Sign, Type B, Temp, Prismatic, Oper	199.000 Sft		
0040	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	42.000 Sft		
0045	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	42.000 Sft		

Section 1 Total:**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
2	Structure Work			



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0050	7130010 - Beam Plate, Seal Perimeter	139.000		
		Ft		
0055	7150010 - End Diaphragm, Rem and Replace	16.000		
		Ea		
0060	7150045 - Steel Structure, Cleaning, Type 4(Str 10120)	1.000		
		LSUM		
0065	7150045 - Steel Structure, Cleaning, Type 4(Str 10121)	1.000		
		LSUM		
0070	7150046 - Steel Structure, Coating, Type 4(Str 10120)	1.000		
		LSUM		
0075	7150046 - Steel Structure, Coating, Type 4(Str 10121)	1.000		
		LSUM		
0080	7160001 - Field Repr of Damaged Coating(Str 10120)	1.000		
		LSUM		
0085	7160001 - Field Repr of Damaged Coating(Str 10121)	1.000		
		LSUM		
			Section 2 Total:	
			Total Bid:	



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 77000-209829

Project(s): 209829A

Letting Number: 220107

Call Number: 036

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 39000-212794**Project(s):** 212794A**Letting Number:** 220107**Call Number:** 037**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work Federal 81.85%/Village of Augusta 18.15%			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$20,800.00	1.000 LSUM		
0010	2040055 - Sidewalk, Rem	30.000 Syd		
0015	5010002 - Cold Milling HMA Surface	15,020.000 Syd		
0020	5010033 - HMA, 13A	1,770.000 Ton		
0025	5010061 - HMA Approach	53.000 Ton		
0030	8030010 - Detectable Warning Surface	15.000 Ft		
0035	8030044 - Sidewalk, Conc, 4 inch	200.000 Sft		
0040	8032002 - Curb Ramp, Conc, 6 inch	100.000 Sft		
0045	8100371 - Post, Steel, 3 lb	90.000 Ft		
0050	8100403 - Sign, Type III, Rem	3.000 Ea		
0055	8100405 - Sign, Type IIIB	26.000 Sft		
0060	8100425 - Sign, Type VB	8.000 Sft		
0065	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	216.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	25.000 Ft		
0075	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	7,090.000 Ft		
0080	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	7,030.000 Ft		
0085	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	3.000 Ea		
0090	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	3.000 Ea		
0095	8120026 - Pedestrian Type II Barricade, Temp	2.000 Ea		
0100	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	50.000 Ea		
0105	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	50.000 Ea		
0110	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0115	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0120	8120170 - Minor Traf Devices	1.000 LSUM		
0125	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	600.000 Ft		
0130	8120310 - Sign Cover	5.000 Ea		
0135	8120350 - Sign, Type B, Temp, Prismatic, Furn	400.000 Sft		
0140	8120351 - Sign, Type B, Temp, Prismatic, Oper	400.000 Sft		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0145	8120370 - Traf Regulator Control	1.000		
		LSUM		
0150	8167011 - _Slope Restoration	100.000		
		Syd		

Section 1 Total:

Total Bid:



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 39000-212794

Project(s): 212794A

Letting Number: 220107

Call Number: 037

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 11000-206392**Project(s):** 206392A, 212904A**Letting Number:** 220107**Call Number:** 038**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work Federal 81.85%/City of Niles 18.15%			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$50,000.00	1.000 LSUM		
0010	2040020 - Curb and Gutter, Rem	1,173.000 Ft		
0015	2040055 - Sidewalk, Rem	387.000 Syd		
0020	2097051 - _Project Cleanup, Modified	1.000 LSUM		
0025	4030050 - Dr Structure Cover, Type K	22.000 Ea		
0030	4030065 - Dr Structure Cover, Type Q	52.000 Ea		
0035	4037050 - _Dr Structure Cover, Adj, Case 1, Special	79.000 Ea		
0040	4037050 - _Dr Structure Cover, Type Q, Modified	5.000 Ea		
0045	5010002 - Cold Milling HMA Surface	21,120.000 Syd		
0050	5010005 - HMA Surface, Rem	314.000 Syd		
0055	5010061 - HMA Approach	228.000 Ton		
0060	5012036 - HMA, 5EL	2,135.000 Ton		
0065	6020017 - Conc Base Cse, Nonreinf, 7 inch	314.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	8020023 - Curb and Gutter, Conc, Det C4	1,240.000		
		Ft		
0075	8030030 - Curb Ramp Opening, Conc	515.000		
		Ft		
0080	8030044 - Sidewalk, Conc, 4 inch	378.000		
		Sft		
0085	8032002 - Curb Ramp, Conc, 6 inch	3,699.000		
		Sft		
0090	8037001 - _Detectable Warning Surface, Composite	274.000		
		Ft		
0095	8110041 - Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	2,115.000		
		Ft		
0100	8110045 - Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	311.000		
		Ft		
0105	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	2.000		
		Ea		
0110	8110068 - Pavt Mrkg, Ovly Cold Plastic, Only	4.000		
		Ea		
0115	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	2.000		
		Ea		
0120	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	280.000		
		Ft		
0125	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	1,864.000		
		Ft		
0130	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	48.000		
		Ea		
0135	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	48.000		
		Ea		
0140	8120026 - Pedestrian Type II Barricade, Temp	58.000		
		Ea		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0145	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	110.000		
		Ea		
0150	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	110.000		
		Ea		
0155	8120170 - Minor Traf Devices	1.000		
		LSUM		
0160	8120350 - Sign, Type B, Temp, Prismatic, Furn	604.000		
		Sft		
0165	8120351 - Sign, Type B, Temp, Prismatic, Oper	604.000		
		Sft		
0170	8120370 - Traf Regulator Control	1.000		
		LSUM		
0175	8162002 - Slope Restoration, Non-Freeway, Type B	400.000		
		Syd		
0180	8230431 - Gate Box, Adj, Case 1	25.000		
		Ea		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 11000-206392

Project(s): 206392A, 212904A

Letting Number: 220107

Call Number: 038

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 79000-207064**Project(s):** 207064A**Letting Number:** 220107**Call Number:** 039**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1077060 - _Reimbursed Permit Fees	200.000 Dlr	\$1.00	\$200.00
0010	1100001 - Mobilization, Max\$35,700.00	1.000 LSUM		
0015	2020002 - Tree, Rem, 19 inch to 36 inch	2.000 Ea		
0020	2030001 - Culv, Rem, Less than 24 inch	1.000 Ea		
0025	2040045 - Masonry and Conc Structure, Rem	1.000 Cyd		
0030	2040050 - Pavt, Rem	100.000 Syd		
0035	2040055 - Sidewalk, Rem	123.000 Syd		
0040	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	200.000 Cyd		
0045	2050041 - Subgrade Undercutting, Type II	250.000 Cyd		
0050	2057002 - _Ditching, Modified	3.000 Sta		
0055	2080012 - Erosion Control, Check Dam, Stone	25.000 Ft		
0060	2080020 - Erosion Control, Inlet Protection, Fabric Drop	2.000 Ea		
0065	2080034 - Erosion Control, Sediment Trap	1.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	2080036 - Erosion Control, Silt Fence	500.000 Ft		
0075	3010002 - Subbase, CIP	19.000 Cyd		
0080	3027011 - _Aggregate Base, 6 inch, Modified	2,171.000 Syd		
0085	3027011 - _Aggregate Base, 8 inch, Modified	19.000 Syd		
0090	3027031 - _Aggregate Base, Modified	50.000 Ton		
0095	3060020 - Maintenance Gravel	75.000 Ton		
0100	3077002 - _Trenching, Modified	39.000 Sta		
0105	3077011 - _Approach, CI I, 8 inch, Modified	59.000 Syd		
0110	3077011 - _Approach, CI II, 8 inch, Modified	77.000 Syd		
0115	3077011 - _Shld, CI II, 3 inch, Modified	958.000 Syd		
0120	3080010 - Geotextile, Stabilization	100.000 Syd		
0125	4010012 - Culv End Sect, 12 inch	1.000 Ea		
0130	4010015 - Culv End Sect, 15 inch	2.000 Ea		
0135	4010018 - Culv End Sect, 18 inch	1.000 Ea		
0140	4010131 - Culv, CI A, 12 inch	8.000 Ft		
0145	4010133 - Culv, CI A, 18 inch	8.000 Ft		
0150	4010608 - Culv, CI F, 15 inch	36.000 Ft		
0155	4021205 - Sewer Tap, 15 inch	1.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	4021275 - Video Taping Sewer and Culv Pipe	86.000 Ft		
0165	4027001 - _Sewer, PVC, 8 inch, Tr Det B	34.000 Ft		
0170	4027001 - _Sump Pump Lead and Drain Tile Connection	100.000 Ft		
0175	4030005 - Dr Structure Cover, Adj, Case 1	5.000 Ea		
0180	4030006 - Dr Structure Cover, Adj, Case 2	1.000 Ea		
0185	4030050 - Dr Structure Cover, Type K	2.000 Ea		
0190	4030065 - Dr Structure Cover, Type Q	4.000 Ea		
0195	4030280 - Dr Structure, Adj, Add Depth	2.000 Ft		
0200	4030306 - Dr Structure, Tap, 6 inch	1.000 Ea		
0205	4037050 - _Dr Structure Collar, Modified	4.000 Ea		
0210	4037050 - _Dr Structure, 24 inch dia, Modified	1.000 Ea		
0215	4037050 - _Dr Structure, 48 inch dia, Modified	1.000 Ea		
0220	4040073 - Underdrain, Subgrade, 6 inch	100.000 Ft		
0225	4040093 - Underdrain Outlet, 6 inch	10.000 Ft		
0230	4040113 - Underdrain, Outlet Ending, 6 inch	1.000 Ea		
0235	5010002 - Cold Milling HMA Surface	5,533.000 Syd		
0240	5010005 - HMA Surface, Rem	263.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0245	5010009 - Edge Trimming	4,630.000 Ft		
0250	5010025 - Hand Patching	51.000 Ton		
0255	5010061 - HMA Approach	88.000 Ton		
0260	5012024 - HMA, 4EL	584.000 Ton		
0265	5012036 - HMA, 5EL	584.000 Ton		
0270	8020036 - Curb and Gutter, Conc, Det F2	165.000 Ft		
0275	8020038 - Curb and Gutter, Conc, Det F4	108.000 Ft		
0280	8020056 - Shld Gutter, Conc, Det 2	1.000 Ea		
0285	8020075 - Spillway, Conc	12.000 Ft		
0290	8030010 - Detectable Warning Surface	210.000 Ft		
0295	8030030 - Curb Ramp Opening, Conc	105.000 Ft		
0300	8030046 - Sidewalk, Conc, 6 inch	1,233.000 Sft		
0305	8032002 - Curb Ramp, Conc, 6 inch	1,007.000 Sft		
0310	8070095 - Post, Mailbox	2.000 Ea		
0315	8100061 - Bridge Sign Connection, Steel, Type B	2.000 Ea		
0320	8100081 - Bridge Sign Connection, Type B, Rem	2.000 Ea		
0325	8100371 - Post, Steel, 3 lb	481.000 Ft		
0330	8100402 - Sign, Type III, Erect, Salv	2.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0335	8100403 - Sign, Type III, Rem	33.000 Ea		
0340	8100404 - Sign, Type IIIA	26.000 Sft		
0345	8100405 - Sign, Type IIIB	133.000 Sft		
0350	8100616 - Reflective Panel for Permanent Sign Support, 6 foot	9.000 Ea		
0355	8107010 - _Sign, Type IIA, Modified	4.000 Sft		
0360	8107010 - _Sign, Type IIIA, Modified	7.000 Sft		
0365	8110024 - Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	191.000 Ft		
0370	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	3,657.000 Ft		
0375	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	614.000 Ft		
0380	8110251 - Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	3,657.000 Ft		
0385	8110252 - Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	614.000 Ft		
0390	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	16.000 Ea		
0395	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	16.000 Ea		
0400	8120026 - Pedestrian Type II Barricade, Temp	12.000 Ea		
0405	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0410	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0415	8120170 - Minor Traf Devices	1.000 LSUM		
0420	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	164.000 Ft		
0425	8120252 - Plastic Drum, Fluorescent, Furn	90.000 Ea		
0430	8120253 - Plastic Drum, Fluorescent, Oper	90.000 Ea		
0435	8120264 - Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	164.000 Ft		
0440	8120310 - Sign Cover	56.000 Ea		
0445	8120350 - Sign, Type B, Temp, Prismatic, Furn	762.000 Sft		
0450	8120351 - Sign, Type B, Temp, Prismatic, Oper	762.000 Sft		
0455	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	199.000 Sft		
0460	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	199.000 Sft		
0465	8120370 - Traf Regulator Control	1.000 LSUM		
0470	8130010 - Riprap, Plain	25.000 Syd		
0475	8167011 - _Slope Restoration, Modified	4,540.000 Syd		
0480	8210001 - Monument Box	1.000 Ea		
0485	8210010 - Monument Preservation	1.000 Ea		
0490	8230431 - Gate Box, Adj, Case 1	1.000 Ea		



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Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 79000-207064

Project(s): 207064A

Letting Number: 220107

Call Number: 039

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Report v1

Proposal ID: 11000-206276

Project(s): 206276A

Letting Number: 220107

Call Number: 040

Contractor: _____

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$118,600.00	1.000 LSUM		
0010	2040020 - Curb and Gutter, Rem	42.000 Ft		
0015	2050041 - Subgrade Undercutting, Type II	50.000 Cyd		
0020	3070105 - Shld, Cl I, 3 inch	2,155.000 Syd		
0025	3070200 - Trenching	140.000 Sta		
0030	4030005 - Dr Structure Cover, Adj, Case 1	19.000 Ea		
0035	4030050 - Dr Structure Cover, Type K	7.000 Ea		
0040	4030065 - Dr Structure Cover, Type Q	10.000 Ea		
0045	4030390 - Dr Structure, Temp Lowering	12.000 Ea		
0050	4037050 - _Dr Structure Cover, Type EJ #1040 M1, Modified	2.000 Ea		
0055	5010002 - Cold Milling HMA Surface	41,940.000 Syd		
0060	5010061 - HMA Approach	200.000 Ton		
0065	5012025 - HMA, 4EML	3,540.000 Ton		
0070	5012037 - HMA, 5EML	3,540.000 Ton		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0075	5017011 - _Cold Milling HMA Surface, Modified	100.000 Syd		
0080	5017011 - _High Strength Pavt Mat Interlayer	41,940.000 Syd		
0085	5017031 - _Hand Patching, Modified	10.000 Ton		
0090	8020023 - Curb and Gutter, Conc, Det C4	42.000 Ft		
0095	8100371 - Post, Steel, 3 lb	220.000 Ft		
0100	8100403 - Sign, Type III, Rem	14.000 Ea		
0105	8100404 - Sign, Type IIIA	47.000 Sft		
0110	8100405 - Sign, Type IIIB	64.000 Sft		
0115	8110041 - Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	380.000 Ft		
0120	8110045 - Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	135.000 Ft		
0125	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	2.000 Ea		
0130	8110068 - Pavt Mrkg, Ovly Cold Plastic, Only	2.000 Ea		
0135	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	1.000 Ea		
0140	8110076 - Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	1.000 Ea		
0145	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	15,980.000 Ft		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	13,755.000 Ft		
0155	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	9.000 Ea		
0160	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	9.000 Ea		
0165	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	475.000 Ea		
0170	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	475.000 Ea		
0175	8120140 - Lighted Arrow, Type C, Furn	1.000 Ea		
0180	8120141 - Lighted Arrow, Type C, Oper	1.000 Ea		
0185	8120170 - Minor Traf Devices	1.000 LSUM		
0190	8120350 - Sign, Type B, Temp, Prismatic, Furn	163.000 Sft		
0195	8120351 - Sign, Type B, Temp, Prismatic, Oper	163.000 Sft		
0200	8120370 - Traf Regulator Control	1.000 LSUM		
0205	8230431 - Gate Box, Adj, Case 1	1.000 Ea		

Section 1 Total:**Total Bid:**



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 11000-206276

Project(s): 206276A

Letting Number: 220107

Call Number: 040

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Items

Report v1

Proposal ID: 39000-206297

Project(s): 206297A

Letting Number: 220107

Call Number: 041

Contractor: _____

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$88,600.00	1.000 LSUM		
0010	2040020 - Curb and Gutter, Rem	179.000 Ft		
0015	2040055 - Sidewalk, Rem	153.000 Syd		
0020	2040080 - Exploratory Investigation, Vertical	60.000 Ft		
0025	2080020 - Erosion Control, Inlet Protection, Fabric Drop	12.000 Ea		
0030	5010025 - Hand Patching	45.000 Ton		
0035	8020038 - Curb and Gutter, Conc, Det F4	30.000 Ft		
0040	8030030 - Curb Ramp Opening, Conc	162.000 Ft		
0045	8030046 - Sidewalk, Conc, 6 inch	230.000 Sft		
0050	8032002 - Curb Ramp, Conc, 6 inch	1,026.000 Sft		
0055	8037001 - _Detectable Warning Surface, Modified	50.000 Ft		
0060	8100403 - Sign, Type III, Rem	8.000 Ea		
0065	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	25.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	8110343 - Rem Spec Mrkg	90.000		
		Sft		
0075	8117001 - _Pavt Mrkg, Waterborne, 24 inch Stop Bar, White	22.000		
		Ft		
0080	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	5.000		
		Ea		
0085	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	5.000		
		Ea		
0090	8120026 - Pedestrian Type II Barricade, Temp	10.000		
		Ea		
0095	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	100.000		
		Ea		
0100	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	100.000		
		Ea		
0105	8120140 - Lighted Arrow, Type C, Furn	4.000		
		Ea		
0110	8120141 - Lighted Arrow, Type C, Oper	4.000		
		Ea		
0115	8120170 - Minor Traf Devices	1.000		
		LSUM		
0120	8120340 - Sign, Type A, Temp, Prismatic, Furn	50.000		
		Sft		
0125	8120341 - Sign, Type A, Temp, Prismatic, Oper	50.000		
		Sft		
0130	8120350 - Sign, Type B, Temp, Prismatic, Furn	476.000		
		Sft		
0135	8120351 - Sign, Type B, Temp, Prismatic, Oper	476.000		
		Sft		
0140	8120400 - TS, Temp, Furn	1.000		
		Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0145	8120401 - TS, Temp, Oper	1.000 Ea		
0150	8167011 - _Turf Establishment	103.000 Syd		
0155	8182000 - Conduit, Rem	30.000 Ft		
0160	8182037 - Conduit, Directional Bore, 2, 3 inch	665.000 Ft		
0165	8182048 - Conduit, DB, 1, 1 1/2 inch	70.000 Ft		
0170	8182049 - Conduit, DB, 1, 2 1/2 inch	20.000 Ft		
0175	8182053 - Conduit, DB, 2, 3 inch	70.000 Ft		
0180	8182056 - Conduit, DB, 3, 3 inch	40.000 Ft		
0185	8182319 - Hh, Round, 3 foot dia	8.000 Ea		
0190	8182330 - Hh, Rem	3.000 Ea		
0195	8182363 - Wood Pole, Rem	1.000 Ea		
0200	8200020 - Case Sign, Rem	5.000 Ea		
0205	8200029 - Case Sign (LED), One Way, 24 inch by 30 inch	4.000 Ea		
0210	8200030 - Controller and Cabinet, Rem	4.000 Ea		
0215	8200045 - Controller Fdn, Base Mtd	2.000 Ea		
0220	8200065 - Fdn, Rem	2.000 Ea		
0225	8200100 - Pedestal, Alum	6.000 Ea		
0230	8200101 - Pedestal, Alum, Salv	1.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0235	8200105 - Pedestal, Fdn	2.000 Ea		
0240	8200106 - Pedestal Fdn, Rem	3.000 Ea		
0245	8200110 - Pedestal, Rem	8.000 Ea		
0250	8200112 - Pedestal, Underground Serv, Unmetered	2.000 Ea		
0255	8200121 - Pushbutton and Sign	9.000 Ea		
0260	8200122 - Pushbutton, Rem	3.000 Ea		
0265	8200141 - Span Wire, Rem	2.000 Ea		
0270	8200145 - Steel Pole, Rem	2.000 Ea		
0275	8200177 - TS, Mast Arm Mtd, Rem	4.000 Ea		
0280	8200180 - TS, Pedestrian, Bracket Arm Mtd, Rem	1.000 Ea		
0285	8200181 - TS, Pedestrian, Pedestal Mtd, Rem	9.000 Ea		
0290	8200182 - TS, Span Wire Mtd, Rem	4.000 Ea		
0295	8200304 - TS, One Way Mast Arm Mtd, FYA (LED)	4.000 Ea		
0300	8200336 - TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	2.000 Ea		
0305	8200345 - TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	7.000 Ea		
0310	8200359 - TS, One Way Mast Arm Mtd (LED)	15.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0315	8200378 - Bracket, Truss, With 18 Foot Arm	1.000 Ea		
0320	8200384 - Video Traf Detection Camera, Rem	8.000 Ea		
0325	8200480 - Casing	136.000 Ft		
0330	8200500 - TS Uninterruptible Power System	4.000 Ea		
0335	8202011 - Mast Arm Pole, Cat II	8.000 Ea		
0340	8202023 - Mast Arm, 35 foot, Cat II	1.000 Ea		
0345	8202024 - Mast Arm, 40 foot, Cat II	1.000 Ea		
0350	8202025 - Mast Arm, 45 foot, Cat II	5.000 Ea		
0355	8202034 - Mast Arm Pole Fdn, 6 Bolt	160.000 Ft		
0360	8207050 - _Bracket, Truss, 18 Foot Arm Salv and Reinstall	3.000 Ea		
0365	8207050 - _Controller Cabinet, Modified	4.000 Ea		
0370	8207050 - _Controller Modified	3.000 Ea		
0375	8207050 - _Managed Field Ethernet Switch, Layer 2, NEMA Rack Mount	4.000 Ea		
0380	8207050 - _Mast Arm, 55 Foot, Cat II	1.000 Ea		
0385	8207050 - _Modular Video Detection Camera	20.000 Ea		
0390	8207050 - _Modular Video Detection System	4.000 Ea		
0395	8207050 - _Opticom GPS	4.000 Ea		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0400	8207050 - _Remote-Controlled Video System	4.000 Ea		
0405	8207050 - _Street Name Sign, Two Way, Non-Illuminated	16.000 Ea		
0410	8207050 - _TS, One Way Mast Arm Mtd, Five Sect (LED)	1.000 Ea		
0415	8207050 - _Universal Camera Bracket and Extension	22.000 Ea		
0420	8207050 - _Wireless Inercn, Ethernet, Access Point	3.000 Ea		
0425	8207050 - _Wireless Inercn, Ethernet, Remote	3.000 Ea		

Section 1 Total:**Total Bid:**



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 39000-206297

Project(s): 206297A

Letting Number: 220107

Call Number: 041

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 25000-207676**Project(s):** 207676A**Letting Number:** 220107**Call Number:** 042**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max, \$47,500.00	1.000 LSUM		
0010	2017012 - _Clearing, Modified	0.100 Acre		
0015	2030001 - Culv, Rem, Less than 24 inch	3.000 Ea		
0020	2030011 - Dr Structure, Rem	2.000 Ea		
0025	2030015 - Sewer, Rem, Less than 24 inch	117.000 Ft		
0030	2040020 - Curb and Gutter, Rem	388.000 Ft		
0035	2047011 - _Pavt, Rem, Modified	3,274.000 Syd		
0040	2050010 - Embankment, CIP	305.000 Cyd		
0045	2050016 - Excavation, Earth	3,334.000 Cyd		
0050	2050041 - Subgrade Undercutting, Type II	150.000 Cyd		
0055	2080020 - Erosion Control, Inlet Protection, Fabric Drop	4.000 Ea		
0060	2080036 - Erosion Control, Silt Fence	1,855.000 Ft		
0065	3010002 - Subbase, CIP	550.000 Cyd		
0070	3027031 - _Aggregate Base, Modified	2,250.000 Ton		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0075	3067031 - _Maintenance Gravel, Modified	25.000 Ton		
0080	3077031 - _Approach, Class II, Modified	14.000 Ton		
0085	3077031 - _Shoulder, Class II, Modified	140.000 Ton		
0090	4010094 - Culv End Sect, Metal, 12 inch	4.000 Ea		
0095	4010096 - Culv End Sect, Metal, 18 inch	1.000 Ea		
0100	4010607 - Culv, CI F, 12 inch	142.000 Ft		
0105	4010919 - Culv, Slp End Sect, 1 on 4, 18 inch, Longit	1.000 Ea		
0110	4012022 - Culv End Sect 18 inch, Grate	1.000 Ea		
0115	4020006 - Sewer, CI A, 18 inch, Tr Det A	172.000 Ft		
0120	4020035 - Sewer, CI A, 18 inch, Tr Det B	76.000 Ft		
0125	4027001 - _House Drain, 4 inch, Special	52.000 Ft		
0130	4027001 - _House Drain, 6 inch, Special	6.000 Ft		
0135	4030040 - Dr Structure Cover, Type G	2.000 Ea		
0140	4030210 - Dr Structure, 48 inch dia	2.000 Ea		
0145	4030290 - Dr Structure, Cleaning	2.000 Ea		
0150	5012014 - HMA, 3EMH	910.000 Ton		
0155	5012026 - HMA, 4EMH	650.000 Ton		
0160	5012038 - HMA, 5EMH	390.000 Ton		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0165	5017011 - _HMA Residential Approach, Special	130.000 Syd		
0170	8017011 - _Driveway, Nonreinf Conc, 8 inch, Modified	97.000 Syd		
0175	8020031 - Curb and Gutter, Conc, Det D2	294.000 Ft		
0180	8020056 - Shld Gutter, Conc, Det 2	2.000 Ea		
0185	8020075 - Spillway, Conc	14.000 Ft		
0190	8027001 - _Spillway, Conc, Modified	12.000 Ft		
0195	8070095 - Post, Mailbox	3.000 Ea		
0200	8100402 - Sign, Type III, Erect, Salv	4.000 Ea		
0205	8110045 - Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	36.000 Ft		
0210	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	2.000 Ea		
0215	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	1,802.000 Ft		
0220	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	2,378.000 Ft		
0225	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	6.000 Ea		
0230	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	6.000 Ea		
0235	8120170 - Minor Traf Devices	1.000 LSUM		
0240	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	192.000 Ft		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0245	8120252 - Plastic Drum, Fluorescent, Furn	50.000 Ea		
0250	8120253 - Plastic Drum, Fluorescent, Oper	50.000 Ea		
0255	8120310 - Sign Cover	10.000 Ea		
0260	8120350 - Sign, Type B, Temp, Prismatic, Furn	291.000 Sft		
0265	8120351 - Sign, Type B, Temp, Prismatic, Oper	291.000 Sft		
0270	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	213.000 Sft		
0275	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	213.000 Sft		
0280	8137031 - _Riprap, Plain, Modified	15.000 Ton		
0285	8167011 - _Turf Establishment, Performance-No Rye, Special	2,809.000 Syd		
0290	8230096 - Hydrant, Relocate, Case 2	2.000 Ea		

Section 1 Total:**Total Bid:**



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 25000-207676

Project(s): 207676A

Letting Number: 220107

Call Number: 042

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 74000-209793**Project(s):** 209793A**Letting Number:** 220107**Call Number:** 043**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$41,300.00	1.000 LSUM		
0010	2040020 - Curb and Gutter, Rem	98.000 Ft		
0015	2050010 - Embankment, CIP	100.000 Cyd		
0020	2050016 - Excavation, Earth	150.000 Cyd		
0025	2080036 - Erosion Control, Silt Fence	400.000 Ft		
0030	2080042 - Erosion Control, Turbidity Curtain, Deep	100.000 Ft		
0035	3020001 - Aggregate Base	130.000 Ton		
0040	3020050 - Aggregate Base, Conditioning	525.000 Syd		
0045	3070121 - Shld, CI II	35.000 Ton		
0050	5010005 - HMA Surface, Rem	645.000 Syd		
0055	5012025 - HMA, 4EML	90.000 Ton		
0060	6020208 - Joint, Expansion, E3	80.000 Ft		
0065	6020600 - Conc Pavt, Bridge Approach, Reinf	156.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	8022019 - Curb and Gutter, Bridge Approach, Det 6A	129.000 Ft		
0075	8070109 - Guardrail, Reconst, Type T	163.000 Ft		
0080	8100133 - Delineator Reflector, Green	8.000 Ea		
0085	8100361 - Post, Rigid, Delineator	4.000 Ea		
0090	8110125 - Pavt Mrkg, Regular Dry, 4 inch, White	570.000 Ft		
0095	8110126 - Pavt Mrkg, Regular Dry, 4 inch, Yellow	75.000 Ft		
0100	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	3.000 Ea		
0105	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	3.000 Ea		
0110	8120040 - Conc Barrier Ending, Temp, Det 2, Adj	2.000 Ea		
0115	8120041 - Conc Barrier Ending, Temp, Det 2, Furn	2.000 Ea		
0120	8120042 - Conc Barrier Ending, Temp, Det 2, Oper	2.000 Ea		
0125	8120080 - Conc Barrier, Temp, Adj	560.000 Ft		
0130	8120081 - Conc Barrier, Temp, Furn	560.000 Ft		
0135	8120082 - Conc Barrier, Temp, Oper	560.000 Ft		
0140	8120110 - High Intensity Light, Type B, Furn	2.000 Ea		
0145	8120111 - High Intensity Light, Type B, Oper	2.000 Ea		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	8120170 - Minor Traf Devices	1.000 LSUM		
0155	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	600.000 Ft		
0160	8120252 - Plastic Drum, Fluorescent, Furn	50.000 Ea		
0165	8120253 - Plastic Drum, Fluorescent, Oper	50.000 Ea		
0170	8120265 - Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	48.000 Ft		
0175	8120270 - PTS System, Temp, Furn	2.000 Ea		
0180	8120271 - PTS System, Temp, Oper	2.000 Ea		
0185	8120350 - Sign, Type B, Temp, Prismatic, Furn	920.000 Sft		
0190	8120351 - Sign, Type B, Temp, Prismatic, Oper	920.000 Sft		
0195	8120370 - Traf Regulator Control	1.000 LSUM		
0200	8162003 - Slope Restoration, Non-Freeway, Type C	50.000 Syd		
0205	8210001 - Monument Box	1.000 Ea		
0210	8210010 - Monument Preservation	1.000 Ea		

Section 1 Total:

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
2	Structure Work			

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0215	7060050 - Expansion Joint Device	101.000 Ft		
0220	7060060 - False Decking	1,960.000 Sft		
0225	7060092 - Reinforcement, Steel, Epoxy Coated	558.000 Lb		
0230	7062003 - Conc, Grade 4500	8.000 Cyd		
0235	7100001 - Joint Waterproofing	411.000 Sft		
0240	7120003 - Hand Chipping, Shallow	11.000 Syd		
0245	7120004 - Hand Chipping, Deep	21.000 Syd		
0250	7120007 - Hand Chipping, Other Than Deck	6.000 Cft		
0255	7120017 - Patch, Forming	150.000 Sft		
0260	7120020 - Epoxy Ovly	730.000 Syd		
0265	7120071 - Deck Joint, Rem	101.000 Ft		
0270	7120112 - Patching Conc, C-L	5.000 Cyd		
0275	7120114 - Patching Conc, F-L	2.000 Cyd		
0280	7130010 - Beam Plate, Seal Perimeter	308.000 Ft		
0285	7130071 - Structural Steel, Retrofit, Furn, Fab, and Erect	1,860.000 Lb		
0290	7150047 - Steel Structure, Cleaning, Partial, Type 4	1.000 LSUM		
0295	7150048 - Steel Structure, Coating, Partial, Type 4	1.000 LSUM		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	7170001 - Drain Casting, Type 1	8.000		
		Ea		
0305	7172020 - Drain Casting Assembly, Type 1	8.000		
		Ea		

Section 2 Total:

Total Bid:



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Report v1

Proposal ID: 74000-209793

Project(s): 209793A

Letting Number: 220107

Call Number: 043

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 78000-209847**Project(s):** 209847A**Letting Number:** 220107**Call Number:** 044**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$13,600.00	1.000 LSUM		
0010	2050016 - Excavation, Earth	3.000 Cyd		
0015	3070121 - Shld, Cl II	4.000 Ton		
0020	5010002 - Cold Milling HMA Surface	267.000 Syd		
0025	5012024 - HMA, 4EL	36.000 Ton		
0030	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	10.000 Ea		
0035	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	10.000 Ea		
0040	8120170 - Minor Traf Devices	1.000 LSUM		
0045	8120350 - Sign, Type B, Temp, Prismatic, Furn	306.000 Sft		
0050	8120351 - Sign, Type B, Temp, Prismatic, Oper	306.000 Sft		
0055	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	126.000 Sft		
0060	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	126.000 Sft		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0065	8162001 - Slope Restoration, Non-Freeway, Type A	100.000 Syd		

Section 1 Total:

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
2	Structure Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	2040061 - Structures, Rem Portions	1.000 LSUM		
0075	5010005 - HMA Surface, Rem	93.000 Syd		
0080	7060060 - False Decking	500.000 Sft		
0085	7100008 - Membrane, Preformed Waterproofing	840.000 Sft		
0090	7107010 - _Silane Treatment	480.000 Sft		
0095	7120003 - Hand Chipping, Shallow	10.000 Syd		
0100	7120004 - Hand Chipping, Deep	3.000 Syd		
0105	7120007 - Hand Chipping, Other Than Deck	8.000 Cft		
0110	7120016 - Patching Mortar or Conc	20.000 Cft		
0115	7120017 - Patch, Forming	80.000 Sft		
0120	7120112 - Patching Conc, C-L	1.000 Cyd		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0125	7130010 - Beam Plate, Seal Perimeter	66.000 Ft		
0130	7150045 - Steel Structure, Cleaning, Type 4	1.000 LSUM		
0135	7150046 - Steel Structure, Coating, Type 4	1.000 LSUM		
0140	7172020 - Drain Casting Assembly, Type 1	4.000 Ea		

Section 2 Total:

Total Bid:



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Report v1

Proposal ID: 78000-209847

Project(s): 209847A

Letting Number: 220107

Call Number: 044

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Report v1

Proposal ID: 44000-208972

Project(s): 208972A

Letting Number: 220107

Call Number: 045

Contractor: _____

Section Information

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, MaxMax \$42,300.00	1.000 LSUM		
0010	2030011 - Dr Structure, Rem	4.000 Ea		
0015	2030015 - Sewer, Rem, Less than 24 inch	75.000 Ft		
0020	2040020 - Curb and Gutter, Rem	455.000 Ft		
0025	2040050 - Pavt, Rem	85.000 Syd		
0030	2040055 - Sidewalk, Rem	109.000 Syd		
0035	2057002 - _Machine Grading, Modified	10.000 Sta		
0040	2057021 - _Subgrade Undercutting, Type II, Modified	175.000 Cyd		
0045	2080020 - Erosion Control, Inlet Protection, Fabric Drop	12.000 Ea		
0050	2080036 - Erosion Control, Silt Fence	65.000 Ft		
0055	3010002 - Subbase, CIP	73.000 Cyd		
0060	3020010 - Aggregate Base, 4 inch	21.000 Syd		
0065	3020020 - Aggregate Base, 8 inch	455.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	3020030 - Aggregate Base, 12 inch	3,140.000 Syd		
0075	3060020 - Maintenance Gravel	75.000 Ton		
0080	3080010 - Geotextile, Stabilization	785.000 Syd		
0085	4020600 - Sewer, CI E, 12 inch, Tr Det B	119.000 Ft		
0090	4021201 - Sewer Tap, 6 inch	12.000 Ea		
0095	4021205 - Sewer Tap, 15 inch	2.000 Ea		
0100	4030010 - Dr Structure Cover, Type B	2.000 Ea		
0105	4030050 - Dr Structure Cover, Type K	4.000 Ea		
0110	4030306 - Dr Structure, Tap, 6 inch	5.000 Ea		
0115	4030312 - Dr Structure, Tap, 12 inch	2.000 Ea		
0120	4037001 - _Storm Sewer Lead, 6-inch	180.000 Ft		
0125	4037050 - _Dr Structure Cover, Adj, Case 1, Modified	22.000 Ea		
0130	4037050 - _Dr Structure Cover, Adj, Case 2, Modified	1.000 Ea		
0135	4037050 - _Dr Structure, 24 inch dia, Modified	2.000 Ea		
0140	4037050 - _Dr Structure, 48 inch dia, Modified	4.000 Ea		
0145	4040063 - Underdrain, Subbase, 6 inch	1,962.000 Ft		
0150	5010005 - HMA Surface, Rem	3,217.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0155	5010031 - HMA, 3C	623.000 Ton		
0160	5012025 - HMA, 4EML	415.000 Ton		
0165	8010003 - Driveway, Reinf Conc, 8 inch	76.000 Syd		
0170	8010005 - Driveway, Nonreinf Conc, 6 inch	326.000 Syd		
0175	8020038 - Curb and Gutter, Conc, Det F4	1,913.000 Ft		
0180	8020050 - Driveway Opening, Conc, Det M	76.000 Ft		
0185	8030030 - Curb Ramp Opening, Conc	81.000 Ft		
0190	8030044 - Sidewalk, Conc, 4 inch	1,998.000 Sft		
0195	8030046 - Sidewalk, Conc, 6 inch	245.000 Sft		
0200	8030048 - Sidewalk, Conc, 8 inch	300.000 Sft		
0205	8032002 - Curb Ramp, Conc, 6 inch	484.000 Sft		
0210	8037001 - _Detectable Warning Surface, Modified	61.000 Ft		
0215	8070095 - Post, Mailbox	6.000 Ea		
0220	8100371 - Post, Steel, 3 lb	107.000 Ft		
0225	8100403 - Sign, Type III, Rem	9.000 Ea		
0230	8100404 - Sign, Type IIIA	71.000 Sft		
0235	8100405 - Sign, Type IIIB	9.000 Sft		
0240	8110092 - Pavt Mrkg, Polyurea, 4 inch, Yellow	1,483.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0245	8110094 - Pavt Mrkg, Polyurea, 6 inch, White	145.000 Ft		
0250	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	121.000 Ft		
0255	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	34.000 Ft		
0260	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	9.000 Ea		
0265	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	9.000 Ea		
0270	8120100 - Dust Palliative, Applied	6.000 Ton		
0275	8120170 - Minor Traf Devices	1.000 LSUM		
0280	8120252 - Plastic Drum, Fluorescent, Furn	100.000 Ea		
0285	8120253 - Plastic Drum, Fluorescent, Oper	100.000 Ea		
0290	8120350 - Sign, Type B, Temp, Prismatic, Furn	465.000 Sft		
0295	8120351 - Sign, Type B, Temp, Prismatic, Oper	465.000 Sft		
0300	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	95.000 Sft		
0305	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	95.000 Sft		
0310	8120370 - Traf Regulator Control	1.000 LSUM		
0315	8167002 - _Turf Establishment, Performance	11.000 Sta		



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Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0320	8507051 - _Audio-Video Construction Area Survey	1.000		
		LSUM		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 44000-208972

Project(s): 208972A

Letting Number: 220107

Call Number: 045

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 44012-132624**Project(s):** 132624A**Letting Number:** 220107**Call Number:** 046**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max \$3,600.00	1.000 LSUM		
0010	3077031 - _Shld, CL II, Modified	9.000 Ton		
0015	5010001 - Pavt, Cleaning	1.000 LSUM		
0020	5010002 - Cold Milling HMA Surface	111.000 Syd		
0025	5010008 - Pavt for Butt Joints, Rem	34.000 Syd		
0030	5010015 - Joint and Crack, Cleanout	700.000 Ft		
0035	5012036 - HMA, 5EL	168.000 Ton		
0040	8110204 - Pavt Mrkg, Preformed Thermopl, Accessible Sym	2.000 Ea		
0045	8110293 - Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	72.000 Ft		
0050	8110294 - Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	704.000 Ft		
0055	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	4.000 Ea		
0060	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	4.000 Ea		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0065	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0070	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0075	8120170 - Minor Traf Devices	1.000 LSUM		
0080	8120252 - Plastic Drum, Fluorescent, Furn	40.000 Ea		
0085	8120253 - Plastic Drum, Fluorescent, Oper	40.000 Ea		
0090	8120330 - Sign, Portable, Changeable Message, Furn	2.000 Ea		
0095	8120331 - Sign, Portable, Changeable Message, Oper	2.000 Ea		
0100	8120350 - Sign, Type B, Temp, Prismatic, Furn	328.000 Sft		
0105	8120351 - Sign, Type B, Temp, Prismatic, Oper	328.000 Sft		
0110	8162001 - Slope Restoration, Non-Freeway, Type A	40.000 Syd		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 44012-132624

Project(s): 132624A

Letting Number: 220107

Call Number: 046

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 81076-213128**Project(s):** 213128A**Letting Number:** 220107**Call Number:** 047**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$15,700.00	1.000 LSUM		
0010	2010001 - Clearing	7.370 Acre		
0015	2017002 - _Clearing, Fence, Spec	3.000 Sta		
0020	2017012 - _Clearing, Spec	0.740 Acre		
0025	2020002 - Tree, Rem, 19 inch to 36 inch	3.000 Ea		
0030	2020004 - Tree, Rem, 6 inch to 18 inch	52.000 Ea		
0035	2047021 - _Misc Debris, Rem, LM	500.000 Cyd		
0040	2080036 - Erosion Control, Silt Fence	1,000.000 Ft		
0045	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0050	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0055	8120170 - Minor Traf Devices	1.000 LSUM		
0060	8120252 - Plastic Drum, Fluorescent, Furn	195.000 Ea		
0065	8120253 - Plastic Drum, Fluorescent, Oper	195.000 Ea		
0070	8120332 - Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	2.000 Ea		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0075	8120333 - Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	2.000 Ea		
0080	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,031.000 Sft		
0085	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,031.000 Sft		
0090	8160025 - Mulch	25,000.000 Syd		
0095	8160026 - Mulch Anchoring	25,000.000 Syd		
0100	8160041 - Seeding, Mixture TSM	500.000 Lb		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 81076-213128

Project(s): 213128A

Letting Number: 220107

Call Number: 047

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Report v1

Proposal ID: 18022-208862**Project(s):** 208862A**Letting Number:** 220107**Call Number:** 048**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1100001 - Mobilization, Max\$71,000.00	1.000 LSUM		
0010	2040050 - Pavt, Rem	556.000 Syd		
0015	2040055 - Sidewalk, Rem	518.000 Syd		
0020	2050016 - Excavation, Earth	67.000 Cyd		
0025	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	5.000 Cyd		
0030	2080020 - Erosion Control, Inlet Protection, Fabric Drop	16.000 Ea		
0035	3010002 - Subbase, CIP	80.000 Cyd		
0040	3020002 - Aggregate Base, LM	50.000 Cyd		
0045	3020008 - Aggregate Base, 3 inch	96.000 Syd		
0050	4030005 - Dr Structure Cover, Adj, Case 1	25.000 Ea		
0055	4037050 - _Accessible Dr Structure Cover	4.000 Ea		
0060	5010002 - Cold Milling HMA Surface	27,875.000 Syd		
0065	5010005 - HMA Surface, Rem	505.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	5010007 - HMA Quality Initiative	5,840.000 Dlr	\$1.00	\$5,840.00
0075	5010018 - Longit Joint Density Quality Initiative	12,800.000 Dlr	\$1.00	\$12,800.00
0080	5010020 - Pavt Joint and Crack Repr, Det 7	1,596.000 Ft		
0085	5010021 - Pavt Joint and Crack Repr, Det 8	684.000 Ft		
0090	5010025 - Hand Patching	173.000 Ton		
0095	5010061 - HMA Approach	212.000 Ton		
0100	5012037 - HMA, 5EML	1,785.000 Ton		
0105	5012085 - HMA, 5EML, High Stress	750.000 Ton		
0110	6020015 - Conc Base Cse, Nonreinf, 6 inch	96.000 Syd		
0115	8020038 - Curb and Gutter, Conc, Det F4	465.000 Ft		
0120	8020050 - Driveway Opening, Conc, Det M	137.000 Ft		
0125	8030010 - Detectable Warning Surface	296.000 Ft		
0130	8030030 - Curb Ramp Opening, Conc	511.000 Ft		
0135	8032002 - Curb Ramp, Conc, 6 inch	4,805.000 Sft		
0140	8100340 - Post Hole Through Conc for Steel Post	1.000 Ea		
0145	8100371 - Post, Steel, 3 lb	14.000 Ft		
0150	8100402 - Sign, Type III, Erect, Salv	1.000 Ea		
0155	8110024 - Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	206.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	8110041 - Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	552.000 Ft		
0165	8110045 - Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	151.000 Ft		
0170	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	19.000 Ea		
0175	8110069 - Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	2.000 Ea		
0180	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	1.000 Ea		
0185	8110078 - Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	1.000 Ea		
0190	8110155 - Pavt Mrkg, Sprayable Thermopl, 6 inch, White	4,642.000 Ft		
0195	8110156 - Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	12,962.000 Ft		
0200	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0205	8110450 - Recessing Pavt Mrkg, Longit	17,604.000 Ft		
0210	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	30.000 Ea		
0215	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	30.000 Ea		
0220	8120026 - Pedestrian Type II Barricade, Temp	8.000 Ea		
0225	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	200.000 Ea		
0230	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	200.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0235	8120140 - Lighted Arrow, Type C, Furn	4.000 Ea		
0240	8120141 - Lighted Arrow, Type C, Oper	4.000 Ea		
0245	8120160 - Ltg for Night Work	1.000 LSUM		
0250	8120170 - Minor Traf Devices	1.000 LSUM		
0255	8120200 - Pavt Mrkg Cover, Type R, Black	1,050.000 Ft		
0260	8120265 - Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	48.000 Ft		
0265	8120310 - Sign Cover	80.000 Ea		
0270	8120330 - Sign, Portable, Changeable Message, Furn	4.000 Ea		
0275	8120331 - Sign, Portable, Changeable Message, Oper	4.000 Ea		
0280	8120340 - Sign, Type A, Temp, Prismatic, Furn	54.000 Sft		
0285	8120341 - Sign, Type A, Temp, Prismatic, Oper	54.000 Sft		
0290	8120350 - Sign, Type B, Temp, Prismatic, Furn	2,953.000 Sft		
0295	8120351 - Sign, Type B, Temp, Prismatic, Oper	2,953.000 Sft		
0300	8120370 - Traf Regulator Control	1.000 LSUM		
0305	8122000 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	223.000 Ft		
0310	8122002 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	1,472.000 Ft		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0315	8122188 - Rumble Strip, Temp, Portable, Furn	12.000 Ea		
0320	8122189 - Rumble Strip, Temp, Portable, Oper	12.000 Ea		
0325	8157021 - _Decorative Stone (Creek Stone)	10.000 Cyd		
0330	8167011 - _Turf Establishment, Performance	145.000 Syd		
0335	8182328 - Hh, Adj	3.000 Ea		
0340	8200458 - TS Face, Bag	10.000 Ea		
0345	8200459 - TS Face, Bag, Rem	10.000 Ea		
0350	8230421 - Water Shutoff, Adj, Case 1	3.000 Ea		
0355	8507060 - _Railroad Protection, at Grade Crossing, Great Lake Central Railroad	16,800.000 Dlr	\$1.00	\$16,800.00

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 18022-208862

Project(s): 208862A

Letting Number: 220107

Call Number: 048

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Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				



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Schedule of Items

Report v1

Proposal ID: 38051-200802**Project(s):** 200802A**Letting Number:** 220107**Call Number:** 049**Contractor:** _____**Section Information**

Section ID	Section Description	Section Total	Alt. Set ID	Alt. Member ID
1	Road Work			

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0005	1000030 - Conc Quality Initiative	210.000	\$1.00	\$210.00
	Dlr			
0010	1100001 - Mobilization, Max\$185,100.00	1.000		
	LSUM			
0015	2010001 - Clearing	0.090		
	Acre			
0020	2017012 - _Clearing, Spec	0.220		
	Acre			
0025	2020002 - Tree, Rem, 19 inch to 36 inch	4.000		
	Ea			
0030	2020003 - Tree, Rem, 37 inch or Larger	1.000		
	Ea			
0035	2020004 - Tree, Rem, 6 inch to 18 inch	30.000		
	Ea			
0040	2020006 - Stump, Rem, 19 inch to 36 inch	7.000		
	Ea			
0045	2020007 - Stump, Rem, 37 inch or Larger	3.000		
	Ea			
0050	2020008 - Stump, Rem, 6 inch to 18 inch	5.000		
	Ea			
0055	2027050 - _Stump, Rem, 19 inch to 36 inch, Spec	5.000		
	Ea			
0060	2027050 - _Stump, Rem, 37 inch or Larger, Spec	1.000		
	Ea			
0065	2027050 - _Stump, Rem, 6 inch to 18 inch, Spec	5.000		
	Ea			

Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0070	2027050 - _Tree, Rem, 6 inch to 18 inch, Spec	78.000 Ea		
0075	2030001 - Culv, Rem, Less than 24 inch	2.000 Ea		
0080	2030002 - Culv, Rem, 24 inch to 48 inch	2.000 Ea		
0085	2030011 - Dr Structure, Rem	1.000 Ea		
0090	2030015 - Sewer, Rem, Less than 24 inch	16.000 Ft		
0095	2037050 - _Monitoring Well, Abandon	3.000 Ea		
0100	2040020 - Curb and Gutter, Rem	159.000 Ft		
0105	2040045 - Masonry and Conc Structure, Rem	5.000 Cyd		
0110	2040080 - Exploratory Investigation, Vertical	500.000 Ft		
0115	2047001 - _Fence, Rem, Modified	7,328.000 Ft		
0120	2047050 - _Bollard, Rem	15.000 Ea		
0125	2047050 - _Sliding Gate, Rem	1.000 Ea		
0130	2050001 - Backfill, Swamp	100.000 Cyd		
0135	2050010 - Embankment, CIP	30.000 Cyd		
0140	2050016 - Excavation, Earth	120.000 Cyd		
0145	2050017 - Excavation, Peat	100.000 Cyd		
0150	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	100.000 Cyd		
0155	2057001 - _Ditch Cleanout, Spec	472.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0160	2057002 - _Station Grading, Trail, Type A	46.000 Sta		
0165	2057002 - _Station Grading, Trail, Type B	148.000 Sta		
0170	2057021 - _Berm Grading, Spec	16,955.000 Cyd		
0175	2057021 - _Subgrade Undercutting, Modified	1,200.000 Cyd		
0180	2080012 - Erosion Control, Check Dam, Stone	156.000 Ft		
0185	2080016 - Erosion Control, Gravel Access Approach	3.000 Ea		
0190	2080020 - Erosion Control, Inlet Protection, Fabric Drop	1.000 Ea		
0195	2080026 - Erosion Control, Maintenance, Sediment Rem	10.000 Cyd		
0200	2080028 - Erosion Control, Sand Bag	8.000 Ea		
0205	2080034 - Erosion Control, Sediment Trap	10.000 Ea		
0210	2080036 - Erosion Control, Silt Fence	22,491.000 Ft		
0215	2090001 - Project Cleanup	1.000 LSUM		
0220	3020016 - Aggregate Base, 6 inch	17,381.000 Syd		
0225	3020020 - Aggregate Base, 8 inch	8,105.000 Syd		
0230	3060020 - Maintenance Gravel	100.000 Ton		
0235	3062000 - Driveway Maintenance, Commercial	3.000 Ea		
0240	3062002 - Intersection Maintenance	2.000 Ea		

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Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0245	3067011 - _Aggregate Surface Cse, 2 1/2 inch, Modified	20,457.000 Syd		
0250	3067011 - _Aggregate Surface Cse, 3 inch, Modified	5,035.000 Syd		
0255	3067011 - _Aggregate Surface Cse, 6 inch, Modified	28.000 Syd		
0260	3070021 - Approach, CI II	17.000 Ton		
0265	3070028 - Approach, CI II, 6 inch	253.000 Syd		
0270	3080005 - Geotextile, Separator	638.000 Syd		
0275	3082002 - Road Grade Biaxial Geogrid	3,734.000 Syd		
0280	4010012 - Culv End Sect, 12 inch	2.000 Ea		
0285	4010015 - Culv End Sect, 15 inch	2.000 Ea		
0290	4010024 - Culv End Sect, 24 inch	4.000 Ea		
0295	4010047 - Culv End Sect, Conc, 12 inch	2.000 Ea		
0300	4010072 - Culv End Sect, Footing	14.000 Ea		
0305	4010131 - Culv, CI A, 12 inch	25.000 Ft		
0310	4010132 - Culv, CI A, 15 inch	70.000 Ft		
0315	4010134 - Culv, CI A, 24 inch	50.000 Ft		
0320	4010138 - Culv, CI A, 48 inch	40.000 Ft		
0325	4010206 - Culv, CI A, CSP, 48 inch	60.000 Ft		
0330	4010573 - Culv, CI E, Conc, 12 inch	55.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0335	4011109 - Dr Marker Post	10.000 Ea		
0340	4017021 - _Culv Bedding	154.000 Cyd		
0345	4017050 - _Culv End Sect, 48 inch	4.000 Ea		
0350	4020600 - Sewer, CI E, 12 inch, Tr Det B	30.000 Ft		
0355	4027021 - _Trench Undercut and Backfill, Modified	70.000 Cyd		
0360	4030006 - Dr Structure Cover, Adj, Case 2	9.000 Ea		
0365	4030040 - Dr Structure Cover, Type G	1.000 Ea		
0370	4030200 - Dr Structure, 24 inch dia	1.000 Ea		
0375	4030312 - Dr Structure, Tap, 12 inch	2.000 Ea		
0380	5010005 - HMA Surface, Rem	2,581.000 Syd		
0385	5010007 - HMA Quality Initiative	444.000 Dlr	\$1.00	\$444.00
0390	5010025 - Hand Patching	52.000 Ton		
0395	5010061 - HMA Approach	170.000 Ton		
0400	7047050 - _Bypass Pumping	1.000 Ea		
0405	7047050 - _Construction Dam	1.000 Ea		
0410	8020002 - Curb, Conc, Det E2	126.000 Ft		
0415	8020038 - Curb and Gutter, Conc, Det F4	78.000 Ft		
0420	8030010 - Detectable Warning Surface	109.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0425	8030030 - Curb Ramp Opening, Conc	98.000 Ft		
0430	8032002 - Curb Ramp, Conc, 6 inch	1,353.000 Sft		
0435	8060040 - Shared use Path, HMA	701.000 Ton		
0440	8080002 - Fence, Woven Wire with Steel Post	400.000 Ft		
0445	8080004 - Fence, Temp	500.000 Ft		
0450	8080007 - Fence, Protective	1,000.000 Ft		
0455	8087001 - _Fence, Chain Link, 144 inch, with Razor Wire	648.000 Ft		
0460	8087050 - _Gate, Rem, Salv, and Install	2.000 Ea		
0465	8100371 - Post, Steel, 3 lb	3,413.000 Ft		
0470	8100382 - Post, Wood, 6 inch by 8 inch	160.000 Ft		
0475	8100402 - Sign, Type III, Erect, Salv	11.000 Ea		
0480	8100403 - Sign, Type III, Rem	28.000 Ea		
0485	8100404 - Sign, Type IIIA	1,301.000 Sft		
0490	8100405 - Sign, Type IIIB	198.000 Sft		
0495	8107050 - _Michigan Department of Corrections Sign, Rem, Salv, and Install	4.000 Ea		
0500	8110091 - Pavt Mrkg, Polyurea, 4 inch, White	533.000 Ft		
0505	8110092 - Pavt Mrkg, Polyurea, 4 inch, Yellow	820.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0510	8110093 - Pavt Mrkg, Polyurea, 6 inch, Crosswalk	35.000 Ft		
0515	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	790.000 Ft		
0520	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	60.000 Ft		
0525	8110343 - Rem Spec Mrkg	630.000 Sft		
0530	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0535	8110405 - Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	4.000 Ea		
0540	8110410 - Pavt Mrkg, Polyurea, Only	5.000 Ea		
0545	8110412 - Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1.000 Ea		
0550	8110418 - Pavt Mrkg, Polyurea, Thru Arrow Sym	1.000 Ea		
0555	8117050 - _Pavt Mrkg, Ovly Cold Plastic, Ahead, Modified	2.000 Ea		
0560	8117050 - _Pavt Mrkg, Ovly Cold Plastic, Stop, Modified	2.000 Ea		
0565	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	15.000 Ea		
0570	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	15.000 Ea		
0575	8120026 - Pedestrian Type II Barricade, Temp	70.000 Ea		
0580	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	150.000 Ea		



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Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0585	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	150.000 Ea		
0590	8120090 - Culv, Temp	1.000 Ea		
0595	8120140 - Lighted Arrow, Type C, Furn	10.000 Ea		
0600	8120141 - Lighted Arrow, Type C, Oper	10.000 Ea		
0605	8120170 - Minor Traf Devices	1.000 LSUM		
0610	8120210 - Pavt Mrkg, Longit, 6 inch or Less Width, Rem	1,800.000 Ft		
0615	8120245 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	1,000.000 Ft		
0620	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	1,940.000 Ft		
0625	8120257 - Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	2.000 Ea		
0630	8120310 - Sign Cover	10.000 Ea		
0635	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,526.000 Sft		
0640	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,526.000 Sft		
0645	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	208.000 Sft		
0650	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	208.000 Sft		
0655	8120370 - Traf Regulator Control	1.000 LSUM		
0660	8130010 - Riprap, Plain	122.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0665	8150001 - Site Preparation, Max\$5,300.00	1.000 LSUM		
0670	8150002 - Watering and Cultivating, First Season, Min\$2,600.00	1.000 LSUM		
0675	8150003 - Watering and Cultivating, 2nd Season, Min\$3,200.00	1.000 LSUM		
0680	8150141 - Acer rubrum 'Bowhall', 1 3/4 inch	5.000 Ea		
0685	8150179 - Acer saccharum 'Celebration', 1 3/4 inch	5.000 Ea		
0690	8152176 - Liriodendron tulipifera, 1 3/4 inch	10.000 Ea		
0695	8152741 - Picea abies, 5 foot	25.000 Ea		
0700	8153030 - Quercus alba, 1 3/4 inch	5.000 Ea		
0705	8160062 - Topsoil Surface, Furn, 4 inch	22.000 Syd		
0710	8167011 - _Mulch Blanket, Modified	11,655.000 Syd		
0715	8167011 - _Slope Restoration, Bonded Fiber Matrix, Type 1	29,140.000 Syd		
0720	8167011 - _Slope Restoration, Bonded Fiber Matrix, Type 2	39,615.000 Syd		
0725	8167011 - _Slope Restoration, Wetland	1,310.000 Syd		
0730	8167021 - _Mulch, Shredded Bark	2.000 Cyd		
0735	8182330 - Hh, Rem	1.000 Ea		
0740	8200106 - Pedestal Fdn, Rem	1.000 Ea		
0745	8200110 - Pedestal, Rem	1.000 Ea		



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Schedule of Items

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0750	8200179 - TS, Pedestal Mtd, Rem	1.000 Ea		
0755	8200458 - TS Face, Bag	2.000 Ea		
0760	8200459 - TS Face, Bag, Rem	2.000 Ea		
0765	8210020 - Protect Corners	12.000 Ea		
0770	8230432 - Gate Box, Adj, Case 2	3.000 Ea		
0775	8240001 - Contractor Staking	1.000 LSUM		
0780	8240002 - Staking Plan Errors and Extras, Max \$180/hour	20.000 Hr		

Section 1 Total:

Total Bid:



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 38051-200802

Project(s): 200802A

Letting Number: 220107

Call Number: 049

List items on this page by amendment

Contractor: _____

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
Total Bid:				

Schedule of Pay Items

Report v1

Letting Call: 220107 204

Letting Date: January 7, 2022

Contract ID: 41025-123325

Description: 0.66 mi of hot mix asphalt ramp and weave/merge lane construction, reconstruction of ramp, crossover construction, drainage, guardrail, pavement markings, and ITS work on I-96 from M-21 (Fulton Street) to north of Cascade Road and M-21 from Loch Lomond Avenue to I-96, Kent County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
123325A	21A0989	N/A	CM 41025

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Conc Quality Initiative	10000030	231.000	Dlr
0020	Mobilization, Max \$319,000.00	1100001	1.000	LSUM
0030	Clearing	2010001	3.000	Acre
0040	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0050	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0060	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0070	Culv, Rem, 24 inch to 48 inch	2030002	2.000	Ea
0080	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0090	Dr Structure, Rem	2030011	3.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	346.000	Ft
0110	Curb and Gutter, Rem	2040020	533.000	Ft
0120	Fence, Rem	2040025	702.000	Ft
0130	Masonry and Conc Structure, Rem	2040045	12.000	Cyd
0140	Pavt, Rem	2040050	6,466.000	Syd
0150	Exploratory Investigation, Vertical	2040080	150.000	Ft
0160	Excavation, Earth	2050016	39,034.000	Cyd
0170	Granular Blanket, Type 1	2050020	250.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0190	Subgrade Undercutting, Type II	2050041	2,000.000	Cyd
0200	_ Embankment, CIP, Clay, Spec	2057021	125.000	Cyd
0210	_ Embankment, CIP, Spec	2057021	3,443.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	707.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	3.000	Ea
0240	Erosion Control, Gravel Filter Berm	2080018	25.000	Ft
0250	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0260	Erosion Control, Inlet Protection, Sediment Trap	2080024	14.000	Ea

0270	Erosion Control, Maintenance, Sediment Rem	2080026	8.000	Cyd
0280	Erosion Control, Sand Bag	2080028	50.000	Ea
0290	Erosion Control, Sediment Trap	2080034	48.000	Ea
0300	Erosion Control, Silt Fence	2080036	1,070.000	Ft
0310	Subbase, CIP	3010002	13,209.000	Cyd
0320	Aggregate Base, LM	3020002	20.000	Cyd
0330	Aggregate Base, 6 inch	3020016	21,040.000	Syd
0340	Aggregate Base, 11 inch	3020028	59.000	Syd
0350	Aggregate Base, 12 inch	3020030	148.000	Syd
0360	_ Aggregate Base, 3.5 inch	3027011	469.000	Syd
0370	_ Aggregate Base, 4.5 inch	3027011	456.000	Syd
0380	Driveway Maintenance, Residential	3062001	4.000	Ea
0390	Shld, CI II, 4 inch, Temp	3070181	150.000	Syd
0400	_ Shld, CI II, 3.5 inch	3077011	11.000	Syd
0410	_ Shld, CI II, 6.5 inch	3077011	2,391.000	Syd
0420	Culv End Sect, 18 inch	4010018	1.000	Ea
0430	Culv End Sect, 24 inch	4010024	2.000	Ea
0440	Culv End Sect, 30 inch	4010030	1.000	Ea
0450	Culv End Sect, Conc, 12 inch	4010047	2.000	Ea
0460	Culv, CI A, 24 inch	4010134	102.000	Ft
0470	Culv, CI A, Conc, 12 inch	4010165	24.000	Ft
0480	Culv, CI A, Conc, 24 inch	4010168	61.000	Ft
0490	Culv, CI E, 30 inch	4010543	59.000	Ft
0500	Culv, Slp End Sect, 1 on 4, 15 inch, Longit	4010917	2.000	Ea
0510	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	1.000	Ea
0520	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0530	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	1.000	Ea
0540	Dr Marker Post	4011109	26.000	Ea
0550	_ Culv Cleanout	4017001	3.000	Ft
0555	_ Stoplog Structure	4017050	1.000	Ea
0560	Sewer, CI A, 18 inch, Tr Det A	4020006	136.000	Ft
0570	Sewer, CI A, 15 inch, Tr Det B	4020034	21.000	Ft
0580	Sewer, CI A, 18 inch, Tr Det B	4020035	410.000	Ft
0590	Sewer, CI A, 24 inch, Tr Det B	4020036	46.000	Ft
0600	Sewer, CI E, 15 inch, Tr Det B	4020601	251.000	Ft
0610	Sewer, CI E, 24 inch, Tr Det B	4020603	152.000	Ft
0620	Sewer Tap, 12 inch	4021204	2.000	Ea
0630	Trench Undercut and Backfill	4021260	50.000	Cyd
0640	Video Taping Sewer and Culv Pipe	4021275	1,170.000	Ft
0650	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0660	Dr Structure Cover, Type B	4030010	5.000	Ea
0670	Dr Structure Cover, Type G	4030040	2.000	Ea
0680	Dr Structure Cover, Type V	4030085	3.000	Ea
0690	Dr Structure, 48 inch dia	4030210	8.000	Ea
0700	Dr Structure, 60 inch dia	4030220	1.000	Ea

0710	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	4.000	Ft
0720	Dr Structure, Temp Lowering	4030390	1.000	Ea
0730	Underdrain, Bank, 6 inch	4040003	250.000	Ft
0740	Underdrain, Pipe, Open-Graded, 6 inch	4040043	40.000	Ft
0750	Underdrain, Subbase, 6 inch	4040063	7,954.000	Ft
0760	Underdrain, Subgrade, 6 inch	4040073	750.000	Ft
0770	Underdrain Outlet, 6 inch	4040093	548.000	Ft
0780	Video Inspection of Underdrain	4040200	9,561.000	Ft
0790	_ Underdrain Outlet Ending, Modified	4047050	30.000	Ea
0800	Cold Milling HMA Surface	5010002	1,710.000	Syd
0810	HMA Surface, Rem	5010005	11,187.000	Syd
0820	HMA Quality Initiative	5010007	14,826.000	Dlr
0830	Longit Joint Density Quality Initiative	5010018	11,584.000	Dlr
0840	Hand Patching	5010025	17.000	Ton
0850	HMA Approach	5010061	578.000	Ton
0860	HMA Approach, High Stress	5010520	692.000	Ton
0870	HMA, 3EML	5012013	2,658.000	Ton
0880	HMA, 4EL	5012024	326.000	Ton
0890	HMA, 4EML, High Stress	5012073	1,773.000	Ton
0900	HMA, 5EML, High Stress	5012085	1,369.000	Ton
0910	HMA, Temp Pavt (4EML)	5012103	236.000	Ton
0920	Steel Sheet Piling, Permanent	7040001	510.000	Sft
0930	_ Conduit, Clean and Test	8007001	990.000	Ft
0940	_ Fiber Optic, Cable, Reinstall	8007001	15.000	Ft
0950	_ Fiber Optic, Cable, Rem	8007001	525.000	Ft
0960	_ Hh, Clean	8007050	8.000	Ea
0970	_ System Testing	8007051	1.000	LSUM
0980	Curb, Conc, Det G2	8020006	708.000	Ft
0990	Curb and Gutter, Conc, Det B1	8020015	74.000	Ft
1000	Curb and Gutter, Conc, Det B2	8020016	321.000	Ft
1010	Curb and Gutter, Conc, Det D2	8020031	1,179.000	Ft
1020	Curb and Gutter, Conc, Det F6	8020040	90.000	Ft
1030	Shld Gutter, Conc, Det 2	8020056	2.000	Ea
1040	Shld Gutter, Conc, Det 3	8020057	1.000	Ea
1050	Spillway, Conc	8020075	58.000	Ft
1060	Sidewalk, Conc, 8 inch	8030048	207.000	Sft
1070	Guardrail, Type MGS-8	8070004	1,405.000	Ft
1080	Guardrail, Type MGS-8D	8070009	35.000	Ft
1090	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
1100	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
1110	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
1120	Guardrail Departing Terminal, Type MGS	8070052	5.000	Ea
1130	Guardrail, Salv	8070075	1,332.000	Ft
1140	Guardrail Reflector	8070080	40.000	Ea

1150	Post, Mailbox	8070095	2.000	Ea
1160	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
1170	Cable Barrier, High Tension, Salv	8070201	1,785.000	Ft
1180	Cable Barrier, High Tension, Reconst	8070202	1,785.000	Ft
1190	Fence, Woven Wire with Wood Post	8080001	709.000	Ft
1200	Bridge Sign Connection, Conc, Type A1	8100031	1.000	Ea
1210	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
1220	Cantilever, Type E	8100104	2.000	Ea
1230	Column, Breakaway, W8 x 13	8100120	2.000	Ea
1240	Delineator Reflector, Yellow	8100132	14.000	Ea
1250	Delineator Reflector, Green	8100133	8.000	Ea
1260	Delineator Reflector, White	8100134	33.000	Ea
1270	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	4.000	Ea
1280	Fdn, Breakaway, W8 x 13	8100160	2.000	Ea
1290	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	54.000	Ft
1300	Fdn, Column Breakaway, Rem	8100220	6.000	Ea
1310	Fdn, Wood Support, Rem	8100280	2.000	Ea
1320	Perforated Steel Square Tube Breakaway System	8100330	1.000	Ea
1330	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	1.000	Ea
1340	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
1350	Post Hole Through Conc for Wood Post	8100341	1.000	Ea
1360	Delineator, Rem	8100349	37.000	Ea
1370	Post, Flexible, Delineator	8100360	4.000	Ea
1380	Post, Rigid, Delineator	8100361	55.000	Ea
1390	Post, Steel, 3 lb	8100371	1,058.000	Ft
1400	Post, Wood, 4 inch by 6 inch	8100380	146.000	Ft
1410	Sign, Type I, Rem	8100391	5.000	Ea
1420	Sign, Type IA	8100392	371.000	Sft
1430	Sign, Type IB	8100393	30.000	Sft
1440	Sign, Type II, Rem	8100397	3.000	Ea
1450	Sign, Type IIA	8100398	56.000	Sft
1460	Sign, Type IIB	8100399	35.000	Sft
1470	Sign, Type III, Rem	8100403	45.000	Ea
1480	Sign, Type IIIA	8100404	158.000	Sft
1490	Sign, Type IIIB	8100405	201.000	Sft
1500	Sign, Type VA	8100424	62.000	Sft
1510	Sign, Type VB	8100425	91.000	Sft
1520	Reflective Panel for Permanent Sign Support, 3 foot	8100613	22.000	Ea
1530	Reflective Panel for Permanent Sign Support, 6 foot	8100616	18.000	Ea
1540	Sign, Type III, Rem, Salv	8102003	2.000	Ea
1550	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	80.000	Ft
1560	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
1570	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	2.000	Ea

1580	Recessing Pavt Mrkg, Longit	8110450	13,605.000	Ft
1590	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	6,409.000	Ft
1600	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	3,514.000	Ft
1610	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	3,682.000	Ft
1620	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	29.000	Ea
1630	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	29.000	Ea
1640	Conc Barrier Ending, Temp, Det 2, Adj	8120040	4.000	Ea
1650	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
1660	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
1670	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
1680	Conc Barrier Reflector Replacement	8120070	27.000	Ea
1690	Conc Barrier, Temp, Adj	8120080	2,524.000	Ft
1700	Conc Barrier, Temp, Furn	8120081	4,351.000	Ft
1710	Conc Barrier, Temp, Oper	8120082	4,351.000	Ft
1720	Conc Barrier, Temp, Relocated	8120083	456.000	Ft
1730	Delineator, Flexible, Temp, Furn	8120091	53.000	Ea
1740	Delineator, Flexible, Temp, Oper	8120092	53.000	Ea
1750	Tubular Marker	8120097	30.000	Ea
1760	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1770	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1780	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
1790	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
1800	Minor Traf Devices	8120170	1.000	LSUM
1810	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,000.000	Ft
1820	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	200.000	Ft
1830	Plastic Drum, Fluorescent, Furn	8120252	103.000	Ea
1840	Plastic Drum, Fluorescent, Oper	8120253	103.000	Ea
1850	Pavt Mrkg, Wet Reflective, Type NR, Tape, 4 inch, Yellow, Temp	8120264	100.000	Ft
1860	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	81.000	Ft
1870	Sign Cover	8120310	20.000	Ea
1880	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	5.000	Ea
1890	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	5.000	Ea
1900	Sign, Type A, Temp, Prismatic, Furn	8120340	32.000	Sft
1910	Sign, Type A, Temp, Prismatic, Oper	8120341	32.000	Sft
1920	Sign, Type B, Temp, Prismatic, Furn	8120350	1,190.000	Sft
1930	Sign, Type B, Temp, Prismatic, Oper	8120351	1,190.000	Sft
1940	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	132.000	Sft
1950	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	132.000	Sft
1960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	14,550.000	Ft
1970	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	12,483.000	Ft

1980	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	7,447.000	Ft
1990	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	4,225.000	Ft
2000	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	886.000	Ft
2010	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	832.000	Ft
2020	Speed Radar Trailer, Temp	8122028	1.000	Ea
2030	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	962.000	Ft
2040	Riprap, Heavy	8130005	148.000	Syd
2050	Riprap, Plain	8130010	248.000	Syd
2060	Ditch, Plain Cobble	8140005	67.000	Syd
2070	Site Preparation, Max \$6,300.00	8150001	1.000	LSUM
2080	Watering and Cultivating, First Season, Min \$3,100.00	8150002	1.000	LSUM
2090	Watering and Cultivating, 2nd Season, Min \$3,800.00	8150003	1.000	LSUM
2100	Acer saccharum 'Green Mountain', 1 1/2 inch	8150184	4.000	Ea
2110	Acer x freemanii 'Autumn Blaze', 1 1/2 inch	8150220	5.000	Ea
2120	Amelanchier x grandifolia 'Robin Hill', 1 1/2 inch	8150333	3.000	Ea
2130	Malus 'Centurion', 1 1/2 inch	8152295	3.000	Ea
2140	Malus 'Sargenti', 1 1/2 inch	8152322	3.000	Ea
2150	Malus 'Sugar Tyme', 1 1/2 inch	8152334	3.000	Ea
2160	Physocarpus opulifolius 'Monlo', #7 cont.	8152718	7.000	Ea
2170	Picea glauca 'Densata', 5 foot	8152755	8.000	Ea
2180	Picea omorika, 6 foot	8152788	23.000	Ea
2190	_ Juniperus chinensis 'Blue Point', 6 foot	8157050	7.000	Ea
2200	Slope Restoration, Non-Freeway, Type A	8162001	9,145.000	Syd
2210	Slope Restoration, Non-Freeway, Type B	8162002	11,320.000	Syd
2220	Slope Restoration, Non-Freeway, Type C	8162003	829.000	Syd
2230	Slope Restoration, Freeway, Type A	8162013	6,535.000	Syd
2240	Slope Restoration, Freeway, Type B	8162014	2,707.000	Syd
2250	Slope Restoration, Freeway, Type C	8162015	2,710.000	Syd
2260	_ Bioretention Seeding	8167011	619.000	Syd
2270	Conduit, Rem	8182000	3,225.000	Ft
2280	Conduit, Directional Bore, 1, 3 inch	8182035	310.000	Ft
2290	Conduit, Directional Bore, 2, 3 inch	8182037	2,880.000	Ft
2300	Conduit, DB, 1, 3 inch	8182050	25.000	Ft
2310	DB Cable, in Conduit, 600V, 1/C#2	8182182	1,620.000	Ft
2320	Cable, Rem	8182196	10,205.000	Ft
2330	Cable, Equipment Grounding Wire, 1/C#2	8182288	540.000	Ft
2340	Hh, Round, 3 foot dia	8182319	2.000	Ea
2350	Hh, Rem	8182330	2.000	Ea
2360	Metered Serv, Rem	8182339	1.000	Ea
2370	_ Hh, Round, Elec	8187050	2.000	Ea
2380	_ Hh, Type D, Rem and Salv	8187050	3.000	Ea
2390	_ Hh, Type D, Salv	8187050	3.000	Ea

2400	Power Co. (Est. Cost to Contractor)	8200116	1,000.000	Dlr
2410	Monument Preservation	8210010	1.000	Ea
2415	Hydrant, Relocate, Case 1	8230095	1.000	Ea
2420	Hydrant, Relocate, Case 2	8230096	1.000	Ea
2430	Water Shutoff, Adj, Case 2	8230422	1.000	Ea
2440	Contractor Staking	8240001	1.000	LSUM
2450	Staking Plan Errors and Extras, Max \$180/hour	8240002	53.000	Hr
2460	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
2470	Fiber Optic, Cable, Single Mode Fiber, 12 Strand	8260047	4,165.000	Ft
2480	Fiber Optic, Cable, Single Mode Fiber, 36 Strand	8260049	4,070.000	Ft
2490	Fiber Optic, Splice Cabinet	8260064	1.000	Ea
2500	Fiber Optic, Hardware Assembly, Medium	8260066	1.000	Ea
2510	Fiber Optic, Marker, Above Ground	8260069	6.000	Ea
2520	Tracer Wire	8260070	3,735.000	Ft
2530	Power Serv, Underground, 30AMP, 120/240V	8260100	1.000	Ea
