

Schedule of Pay Items

Report v1

Letting Call: 211105 001

Letting Date: November 5, 2021

Contract ID: 82081-205017

Description: Bridge reconstruction including deck replacement, structural steel repairs, pin and hanger replacement, beam end cutting, partial painting, substructure repairs, concrete surface coating, silane treatment and approach work on M-153 over Hines Drive in the cities of Dearborn and Dearborn Heights, Wayne County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205017A	21A0976	N/A	N/A 82081

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$368,300.00	1100001	1.000	LSUM
0030	Guardrail, Rem	2040035	2,223.000	Ft
0040	Pavt, Rem	2040050	5,303.000	Syd
0050	Embankment, CIP	2050010	952.000	Cyd
0060	Excavation, Earth	2050016	3,684.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	400.000	Cyd
0090	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0120	Erosion Control, Silt Fence	2080036	2,400.000	Ft
0130	Project Cleanup	2090001	1.000	LSUM
0140	Aggregate Base, 6 inch	3020016	351.000	Syd
0150	Open-Graded Dr Cse, 16 inch	3030016	6,118.000	Syd
0160	Geotextile, Separator	3080005	6,704.000	Syd
0170	Geotextile, Stabilization	3080010	80.000	Syd
0180	Sewer, Cl A, 12 inch, Tr Det B	4020033	29.000	Ft
0190	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0200	Dr Structure Cover, Type B	4030010	3.000	Ea
0210	Dr Structure Cover, Type C	4030015	3.000	Ea
0220	Dr Structure Cover, Type K	4030050	3.000	Ea
0230	Dr Structure, 24 inch dia	4030200	3.000	Ea
0240	Dr Structure, Adj, Add Depth	4030280	3.000	Ft
0250	Dr Structure, Tap, 12 inch	4030312	3.000	Ea
0260	Underdrain, Pipe, Open-Graded, 6 inch	4040043	2,643.000	Ft

0270	Underdrain Outlet, 6 inch	4040093	465.000	Ft
0280	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0290	Video Inspection of Underdrain	4040200	200.000	Ft
0300	HMA Surface, Rem	5010005	5,059.000	Syd
0310	Joint, Contraction, Cp	6020200	2,267.000	Ft
0320	Joint, Contraction, C3p	6020201	241.000	Ft
0330	Joint, Expansion, E2	6020207	492.000	Ft
0340	Joint, Expansion, E3	6020208	241.000	Ft
0350	Joint, Expansion, E4	6020209	100.000	Ft
0360	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	4,243.000	Syd
0370	Shld, Nonreinf Conc, High Performance	6020524	490.000	Syd
0380	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	597.000	Syd
0390	Joint, Contraction, Crg	6030020	196.000	Ft
0400	Curb and Gutter, Conc, Det D1	8020030	794.000	Ft
0410	Curb and Gutter, Conc, Det F5	8020039	788.000	Ft
0420	Curb and Gutter, Bridge Approach, Det 5	8022016	180.000	Ft
0430	Sidewalk, Conc, 6 inch	8030046	351.000	Sft
0440	Guardrail, Type T	8070002	1,079.000	Ft
0450	Guardrail, Type MGS-8	8070004	88.000	Ft
0460	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0470	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0480	Guardrail Reflector	8070080	27.000	Ea
0490	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0500	Guardrail Anch, Bridge, Det M2	8070131	6.000	Ea
0510	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
0520	Bridge Sign Connection, Type A, Rem	8100080	2.000	Ea
0530	Sign, Type II, Rem	8100397	2.000	Ea
0540	Sign, Type IIA	8100398	32.000	Sft
0550	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	2.000	Ea
0560	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	1,368.000	Ft
0570	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	4,347.000	Ft
0580	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	129.000	Ft
0590	Witness, Log, \$1,250.00	8110351	1,000.000	Dlr
0600	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 4 inch, White	8112129	5,510.000	Ft
0610	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, White	8112130	4,135.000	Ft
0620	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 12 inch, White	8112131	808.000	Ft
0630	Pavt Mrkg, Wet Reflective Sprayable Thermopl, 6 inch, Yellow	8112133	3,694.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	32.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	32.000	Ea
0660	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0670	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea

0680	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
0690	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	2.000	Ea
0700	Conc Barrier Reflector Replacement	8120070	16.000	Ea
0710	Conc Barrier, Temp, Adj	8120080	1,735.000	Ft
0720	Conc Barrier, Temp, Furn	8120081	2,145.000	Ft
0730	Conc Barrier, Temp, Oper	8120082	2,145.000	Ft
0740	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0750	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0760	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0770	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0780	Ltg for Night Work	8120160	1.000	LSUM
0790	Minor Traf Devices	8120170	1.000	LSUM
0800	Mobile Attenuator	8120180	4.000	Ea
0810	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,260.000	Ft
0820	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	132.000	Ft
0830	Plastic Drum, Fluorescent, Furn	8120252	680.000	Ea
0840	Plastic Drum, Fluorescent, Oper	8120253	680.000	Ea
0850	Sign Cover	8120310	26.000	Ea
0860	Sign Cover, Type I	8120320	4.000	Ea
0870	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
0880	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
0890	Sign, Type A, Temp, Prismatic, Furn	8120340	45.000	Sft
0900	Sign, Type A, Temp, Prismatic, Oper	8120341	45.000	Sft
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	1,744.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	1,744.000	Sft
0930	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	120.000	Sft
0940	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	120.000	Sft
0950	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	10,385.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	11,585.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	3,805.000	Ft
0980	Speed Radar Trailer, Temp	8122028	2.000	Ea
0990	_ Turf Establishment, Performance	8167011	3,391.000	Syd
1000	Contractor Staking	8240001	1.000	LSUM
1010	Staking Plan Errors and Extras, Max \$180/hour	8240002	64.000	Hr

Section: 2

1020	Asbestos Materials, Rem and Disposal	2040001	64,000.000	Dlr
1030	Backfill, Structure, CIP	2060002	68.000	Cyd
1040	Excavation, Fdn	2060010	68.000	Cyd
1050	Bridge Ltg, Furn and Rem (S04 of 82081)	7060001	1.000	LSUM
1060	Bridge Ltg, Furn and Rem (S05 of 82081)	7060001	1.000	LSUM

1070	Bridge Ltg, Oper and Maintain	7060002	670.000	Cyd
1080	Expansion Joint Device	7060050	132.000	Ft
1090	False Decking	7060060	41,368.000	Sft
1100	Reinforcement, Steel, Epoxy Coated	7060092	168,487.000	Lb
1110	Superstructure Conc, Form, Finish, and Cure (S04 of 82081)	7060111	1.000	LSUM
1120	Superstructure Conc, Form, Finish, and Cure (S05 of 82081)	7060111	1.000	LSUM
1130	Superstructure Conc, Form, Finish, and Cure, Night Casting (S04 of 82081)	7060112	1.000	LSUM
1140	Superstructure Conc, Form, Finish, and Cure, Night Casting (S05 of 82081)	7060112	1.000	LSUM
1150	Superstructure Conc, High Performance	7060116	12.000	Cyd
1160	Superstructure Conc, Night Casting, High Performance	7060117	670.000	Cyd
1170	Sealing Localized Cracks (S04 of 82081)	7060220	1.000	LSUM
1180	Sealing Localized Cracks (S05 of 82081)	7060220	1.000	LSUM
1190	Bushing	7070030	64.000	Ea
1200	Shear Developers (S04 of 82081)	7070040	1.000	LSUM
1210	Shear Developers (S05 of 82081)	7070040	1.000	LSUM
1220	Joint Waterproofing	7100001	783.000	Sft
1230	Conc Surface Coating, Warranty (S04 of 82081)	7100009	1.000	LSUM
1240	Conc Surface Coating, Warranty (S05 of 82081)	7100009	1.000	LSUM
1250	_ Silane Treatment	7107010	2,030.000	Sft
1260	Reflective Marker, Permanent Barrier	7110003	12.000	Ea
1270	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	676.000	Ft
1280	Hand Chipping, Other Than Deck	7120007	220.000	Cft
1290	Patch, Forming	7120017	660.000	Sft
1300	Structures, Rehabilitation, Rem Portions (S04 of 82081)	7120070	1.000	LSUM
1310	Structures, Rehabilitation, Rem Portions (S05 of 82081)	7120070	1.000	LSUM
1320	Top Flanges and Beam Ends, Clean and Coat	7120100	355.000	Syd
1330	Patching Conc, C-L	7120112	9.000	Cyd
1340	Embedded Galvanic Anode	7120120	330.000	Ea
1350	Beam Plate, Seal Perimeter	7130010	1,942.000	Ft
1360	Hanger Assembly, Field Measurement	7130030	16.000	Ea
1370	Hanger Assembly, Rem and Erect	7130031	16.000	Ea
1380	Structural Steel, Furn and Fab, Pin and Hanger	7130070	4,752.000	Lb
1390	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	5,041.000	Lb
1400	Support, Column, Temp	7130080	16.000	Ea
1410	_ Beam Ends, Pin Plate Cutting	7137050	16.000	Ea
1420	Steel Structure, Cleaning, Partial, Type 4 (S04 of 82081)	7150047	1.000	LSUM
1430	Steel Structure, Cleaning, Partial, Type 4 (S05 of 82081)	7150047	1.000	LSUM
1440	Steel Structure, Coating, Partial, Type 4 (S04 of 82081)	7150048	1.000	LSUM

1450	Steel Structure, Coating, Partial, Type 4 (S05 of 82081)	7150048	1.000	LSUM
1460	Field Repr of Damaged Coating (S04 of 82081)	7160001	1.000	LSUM
1470	Field Repr of Damaged Coating (S05 of 82081)	7160001	1.000	LSUM
1480	Structure Survey During Construction (S04 of 82081)	8240020	1.000	LSUM
1490	Structure Survey During Construction (S05 of 82081)	8240020	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 211105 002

Letting Date: November 5, 2021

Contract ID: 55011-131817

Description: 17.93 mi of hot mix asphalt cold milling and resurfacing, joint repairs and drainage improvements on US-41 from south of 56th Avenue to south of County Road 352, Menominee County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131817A	21A0955	N/A	NH 55011
201226A	21A0958	N/A	ST 55011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,078,900.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.200	Acre
0030	Clearing, Fence	2010002	18.000	Sta
0040	Tree, Rem, 6 inch to 18 inch	2020004	5.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	48.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	14.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	16.000	Ea
0090	Dr Structure, Rem	2030011	3.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	34.000	Ft
0110	Curb and Gutter, Rem	2040020	2,862.000	Ft
0120	Curb, Rem	2040021	69.000	Ft
0130	Guardrail, Rem	2040035	2,053.000	Ft
0140	Pavt, Rem	2040050	18.000	Syd
0150	Ditch Cleanout	2050006	9.000	Sta
0160	Embankment, CIP	2050010	417.000	Cyd
0170	Excavation, Earth	2050016	1,239.000	Cyd
0180	Non Haz Contaminated Material Handling and Disposal, LM	2050031	30.000	Cyd
0190	Erosion Control, Inlet Protection, Fabric Drop	2080020	9.000	Ea
0200	Erosion Control, Silt Fence	2080036	5,200.000	Ft
0210	Approach, CI I	3070001	308.000	Ton
0220	Approach, CI II	3070021	1,555.000	Ton
0230	Shld, CI I	3070101	300.000	Ton
0240	Shld, CI II	3070121	12,145.000	Ton
0250	Trenching	3070200	48.000	Sta
0260	Culv, CI A, 18 inch	4010133	20.000	Ft

0270	Culv, CI A, 30 inch	4010135	16.000	Ft
0280	Culv, CI A, 36 inch	4010136	32.000	Ft
0290	Culv, CI F, 18 inch	4010609	1,340.000	Ft
0300	Culv, CI F, 24 inch	4010610	40.000	Ft
0310	Culv, CI F, 30 inch	4010611	32.000	Ft
0320	Culv, Slp End Sect, 1 on 4, 18 inch, Transv	4010920	11.000	Ea
0330	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	7.000	Ea
0340	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	8.000	Ea
0350	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	6.000	Ea
0360	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	10.000	Ea
0370	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	155.000	Ea
0380	Culv, Slp End Sect, 1 on 6, 18 inch, Transv	4010952	2.000	Ea
0390	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	9.000	Ea
0400	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	2.000	Ea
0410	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	1.000	Ea
0420	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 19 inch by 30 inch, Transv	4011052	1.000	Ea
0430	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 19 inch by 30 inch, Longit	4011081	4.000	Ea
0440	Dr Marker Post	4011109	65.000	Ea
0450	_ Culv Cleanout	4017001	1,271.000	Ft
0460	_ Culv, Adj	4017001	100.000	Ft
0470	Sewer, CI A, 12 inch, Tr Det B	4020033	8.000	Ft
0480	Sewer Tap, 12 inch	4021204	3.000	Ea
0490	Dr Structure Cover, Adj, Case 1	4030005	8.000	Ea
0500	Dr Structure Cover, Adj, Case 2	4030006	1.000	Ea
0510	Dr Structure Cover, Type E	4030035	1.000	Ea
0520	Dr Structure Cover, Type J	4030045	4.000	Ea
0530	Dr Structure, 24 inch dia	4030200	1.000	Ea
0540	Dr Structure, 48 inch dia	4030210	3.000	Ea
0550	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0560	Cold Milling HMA Surface	5010002	424,060.000	Syd
0570	HMA Surface, Rem	5010005	1,627.000	Syd
0580	HMA Quality Initiative	5010007	171,742.000	Dlr
0590	Longit Joint Density Quality Initiative	5010018	479,005.000	Dlr
0600	Pavt Joint and Crack Repr, Det 7	5010020	22,247.000	Ft
0610	Pavt Joint and Crack Repr, Det 8	5010021	3,925.000	Ft
0620	Hand Patching	5010025	1,579.000	Ton
0630	HMA Approach	5010061	2,378.000	Ton
0640	HMA, 4EML	5012025	45,779.000	Ton
0650	HMA, 5EML	5012037	36,135.000	Ton
0660	_ Ride Incentive	5017060	143,803.000	Dlr
0670	Driveway, Nonreinf Conc, 6 inch	8010005	39.000	Syd
0680	Curb, Conc, Det E2	8020002	436.000	Ft
0690	Curb and Gutter, Conc, Det B2	8020016	2,888.000	Ft

0700	Guardrail, Type B	8070000	25.000	Ft
0710	Guardrail, Type MGS-8	8070004	3,097.000	Ft
0720	Guardrail, Curved, Type B	8070010	133.000	Ft
0730	Guardrail, Curved, Type MGS-8	8070012	13.000	Ft
0740	Guardrail Approach Terminal, Type 2M	8070044	32.000	Ea
0750	Guardrail Departing Terminal, Type B	8070050	3.000	Ea
0760	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0770	Guardrail Reflector	8070080	154.000	Ea
0780	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0790	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea
0800	Fence, Woven Wire with Wood Post	8080001	1,800.000	Ft
0810	Fence, Protective	8080007	4,500.000	Ft
0820	Delineator Reflector, Green	8100133	36.000	Ea
0830	Post, Rigid, Delineator	8100361	36.000	Ea
0840	Post, Steel, 3 lb	8100371	42.000	Ft
0850	Sign, Type IIIB	8100405	9.000	Sft
0860	Pavt Mrkg, Polyurea, Merge Arrow Sym	8110107	4.000	Ea
0870	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	1,400.000	Ft
0880	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0890	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
0900	Recessing Pavt Mrkg, Longit	8110450	314,101.000	Ft
0910	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	198,545.000	Ft
0920	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	115,556.000	Ft
0930	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0940	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0950	Minor Traf Devices	8120170	1.000	LSUM
0960	Plastic Drum, Fluorescent, Furn	8120252	600.000	Ea
0970	Plastic Drum, Fluorescent, Oper	8120253	600.000	Ea
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
0990	Sign Cover	8120310	20.000	Ea
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	2,350.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	2,350.000	Sft
1020	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	164.000	Sft
1030	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	164.000	Sft
1040	Traf Regulator Control	8120370	1.000	LSUM
1050	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	1,850.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	11,250.000	Ft
1070	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	3,700.000	Ft
1080	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	22,500.000	Ft
1090	Rumble Strip, Temp, Portable, Furn	8122188	36.000	Ea
1100	Rumble Strip, Temp, Portable, Oper	8122189	36.000	Ea
1110	Slope Restoration, Non-Freeway, Type A	8162001	1,690.000	Syd

1120	Slope Restoration, Non-Freeway, Type B	8162002	5,297.000	Syd
1130	Monument Box	8210001	1.000	Ea
1140	Monument Box Adj	8210005	27.000	Ea
1150	Monument Preservation	8210010	1.000	Ea
1160	Protect Corners	8210020	28.000	Ea
1170	Centerline Corrugations, Milled, HMA	8220013	91,300.000	Ft
1180	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	179,400.000	Ft
1190	Contractor Staking	8240001	1.000	LSUM
1200	Staking Plan Errors and Extras, Max \$180/hour	8240002	174.000	Hr



9/24/2021 7:32 AM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 211105 003**Letting Date:** November 5, 2021**Contract ID:** 41062-200585

Description: 4.20 mi of hot mix asphalt cold milling and resurfacing, pavement repairs, drainage work and pavement markings on M-11 from Church Avenue to US-131 in the cities of Grandville and Wyoming, Kent County. This project contains a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200585A	21A0991	N/A	NH 41062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$354,600.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	500.000	Ft
0030	Embankment, CIP	2050010	30.000	Cyd
0040	Excavation, Earth	2050016	300.000	Cyd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	18.000	Ea
0070	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0080	Erosion Control, Maintenance, Sediment Rem	2080026	3.000	Cyd
0090	Erosion Control, Silt Fence	2080036	2,200.000	Ft
0100	Project Cleanup	2090001	1.000	LSUM
0110	Driveway Maintenance, Commercial	3062000	5.000	Ea
0120	Driveway Maintenance, Residential	3062001	5.000	Ea
0130	Dr Structure Cover, Adj, Case 1	4030005	46.000	Ea
0140	Dr Structure Cover, Type B	4030010	5.000	Ea
0150	Dr Structure Cover, Type D	4030025	3.000	Ea
0160	Dr Structure Cover, Type K	4030050	15.000	Ea
0170	Dr Structure Cover, Type Q	4030065	5.000	Ea
0180	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0190	Dr Structure, Temp Lowering	4030390	20.000	Ea
0200	Cold Milling HMA Surface	5010002	152,100.000	Syd
0210	HMA Surface, Rem	5010005	330.000	Syd
0220	HMA Quality Initiative	5010007	53,240.000	Dlr
0230	Longit Joint Density Quality Initiative	5010018	132,600.000	Dlr
0240	Pavt Joint and Crack Repr, Det 7	5010020	3,920.000	Ft
0250	Pavt Joint and Crack Repr, Det 8	5010021	3,920.000	Ft
0260	Hand Patching	5010025	1,000.000	Ton
0270	HMA Approach, High Stress	5010520	1,220.000	Ton

0280	HMA, 4EMH, High Stress	5012074	13,100.000	Ton
0290	HMA, 5EMH, High Stress	5012086	11,300.000	Ton
0300	_ Ride Incentive	5017060	16,600.000	Dlr
0310	Curb and Gutter, Conc, Det F4	8020038	200.000	Ft
0320	Driveway Opening, Conc, Det M	8020050	300.000	Ft
0330	Post, Steel, 3 lb	8100371	104.000	Ft
0340	Sign, Type IIIB	8100405	54.000	Sft
0350	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	14.000	Ea
0360	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	10.000	Ea
0370	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	1,600.000	Ft
0380	Pavt Mrkg, Polyurea, 6 inch, White	8110094	18,500.000	Ft
0390	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	49,800.000	Ft
0400	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	170.000	Ft
0410	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	120.000	Ft
0420	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	450.000	Ft
0430	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0440	Recessing Pavt Mrkg, Longit	8110450	68,300.000	Ft
0450	Recessing Pavt Mrkg, Guide Line	8110453	40.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	40.000	Ft
0470	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
0480	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	40.000	Ea
0500	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	650.000	Ea
0510	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	650.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0540	Ltg for Night Work	8120160	1.000	LSUM
0550	Minor Traf Devices	8120170	1.000	LSUM
0560	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	864.000	Ft
0570	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	312.000	Ft
0580	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	20,500.000	Ft
0590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	92,250.000	Ft
0600	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0620	Sign Cover	8120310	10.000	Ea
0630	Sign Cover, Type I	8120320	2.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
0660	Sign, Type A, Temp, Prismatic, Furn	8120340	275.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	275.000	Sft

0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,813.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,813.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	682.000	Sft
0710	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	682.000	Sft
0720	Traf Regulator Control	8120370	1.000	LSUM
0730	Slope Restoration, Non-Freeway, Type B	8162002	1,450.000	Syd
0740	Conduit, DB, 1, 1/2 inch	8182046	20.000	Ft
0750	Hh, Round	8182310	1.000	Ea
0760	Span Wire Tether	8200142	9.000	Ea
0770	Traf Loop	8200170	12.000	Ea
0780	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
0790	Wireless Vehicle Sensor Node, Rem	8200426	6.000	Ea
0800	TS Face, Bag	8200458	22.000	Ea
0810	TS Face, Bag, Rem	8200459	22.000	Ea
0820	Backplate, TS	8200501	62.000	Ea
0830	Monument Box Adj	8210005	5.000	Ea
0840	Protect Corners	8210020	5.000	Ea
0850	Gate Box, Adj, Temp, Case 1	8230391	5.000	Ea
0860	Contractor Staking	8240001	1.000	LSUM
0870	Staking Plan Errors and Extras, Max \$180/hour	8240002	38.000	Hr



9/24/2021 7:32 AM

AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 211105 004**Letting Date:** November 5, 2021**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
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	4030250	4.000	Ft

foot

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,	8122004	7,447.000	Ft

	White, Temp			
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
2420	Hydrant, Relocate, Case 2	8230096	2.000	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

Schedule of Pay Items

Report v1

Letting Call: 211105 005

Letting Date: November 5, 2021

Contract ID: 54014-201139

Description: 8.47 mi of hot mix asphalt crushing, shaping, cold milling and resurfacing, guardrail upgrades and pavement markings on US-131 from 13 Mile Road north to north of 19 Mile Road and US-131BR (19 Mile Road) from west of US-131 to west of Northland Drive, Mecosta County. This project includes a 5 year and a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201139A	21A0998	N/A	M 54014
208731A	N/A	N/A	M 54024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$607,900.00	1100001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	6.000	Ea
0030	Culv, End, Rem, Less than 24 inch	2030005	7.000	Ea
0040	Culv, End, Rem, 24 inch to 48 inch	2030006	12.000	Ea
0050	Guardrail, Rem	2040035	1,456.000	Ft
0060	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0070	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0080	_ Embankment, CIP, Spec	2057021	1,228.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	100.000	Ft
0100	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd
0110	Erosion Control, Sediment Trap	2080034	5.000	Ea
0120	Erosion Control, Silt Fence	2080036	1,650.000	Ft
0130	Aggregate Base, 6 inch	3020016	500.000	Syd
0140	HMA Base Crushing and Shaping	3050002	157,183.000	Syd
0150	Material, Surplus and Unsuitable, Rem, LM	3050010	497.000	Cyd
0160	Salv Crushed Material, LM	3050015	821.000	Cyd
0170	Shld, CI II	3070121	305.000	Ton
0180	Shld, CI III, 6 inch	3070148	4,408.000	Syd
0190	Trenching	3070200	704.000	Sta
0200	Culv End Sect, 18 inch	4010018	1.000	Ea
0210	Culv End Sect, Conc, 24 inch	4010051	3.000	Ea
0220	Culv End Sect, Footing	4010072	3.000	Ea
0230	Culv End Sect, Metal, 15 inch	4010095	1.000	Ea
0240	Culv End Sect, Metal, 18 inch	4010096	4.000	Ea
0250	Culv, CI A, 18 inch	4010133	50.000	Ft

0260	Culv, CI E, 18 inch	4010541	75.000	Ft
0270	Culv, Downspout, 15 inch	4010796	40.000	Ft
0280	Culv, Slp End Sect, 1 on 4, 18 inch, Longit	4010919	2.000	Ea
0290	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	5.000	Ea
0300	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	2.000	Ea
0310	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	2.000	Ea
0320	Dr Marker Post	4011109	64.000	Ea
0330	Outfall Label	4011115	19.000	Ea
0340	_ Culv Cleanout	4017001	926.000	Ft
0350	_ Cured-In-Place Pipe Lining, 15 inch	4017001	69.000	Ft
0360	Video Taping Sewer and Culv Pipe	4021275	165.000	Ft
0370	Underdrain, Bank, 6 inch	4040003	200.000	Ft
0380	Underdrain, Subbase, 6 inch	4040063	1,000.000	Ft
0390	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0400	Underdrain Outlet, 6 inch	4040093	100.000	Ft
0410	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0420	Video Inspection of Underdrain	4040200	1,000.000	Ft
0430	Cold Milling HMA Surface	5010002	220,592.000	Syd
0440	Bump Grinding	5010004	100.000	Syd
0450	HMA Quality Initiative	5010007	109,748.000	Dlr
0460	Longit Joint Density Quality Initiative	5010018	59,929.000	Dlr
0470	HMA Approach	5010061	1,759.000	Ton
0480	HMA, 3EML	5012013	8,062.000	Ton
0490	HMA, 3EMH	5012014	22,702.000	Ton
0500	HMA, 4EML	5012025	4,467.000	Ton
0510	HMA, 4EMH	5012026	12,866.000	Ton
0520	HMA, 5EML	5012037	5,018.000	Ton
0530	_ Ride Incentive	5017060	46,830.000	Dlr
0540	Curb and Gutter, Conc, Det B2	8020016	645.000	Ft
0550	Downspout Header, Conc	8020070	4.000	Ea
0560	Guardrail, Type MGS-8	8070004	2,733.000	Ft
0570	Guardrail Anch, Bridge, Det T1	8070022	2.000	Ea
0580	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0590	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0600	Guardrail Reflector	8070080	62.000	Ea
0610	Delineator Reflector, Red	8100131	105.000	Ea
0620	Delineator Reflector, Yellow	8100132	230.000	Ea
0630	Delineator Reflector, Green	8100133	12.000	Ea
0640	Delineator Reflector, White	8100134	265.000	Ea
0650	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	8.000	Ea
0660	Delineator, Reflective Sheeting, 3 inch by 12 inch, Green	8100144	4.000	Ea
0670	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	15.000	Ea
0680	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	15.000	Ea

0690	Delineator, Rem	8100349	511.000	Ea
0700	Post, Flexible, Delineator	8100360	42.000	Ea
0710	Post, Rigid, Delineator	8100361	469.000	Ea
0720	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	168.000	Ft
0730	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0740	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	5.000	Ea
0750	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	11,000.000	Ft
0760	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	44,000.000	Ft
0770	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	44,000.000	Ft
0780	Pavt Mrkg, Waterborne, 4 inch, White	8110231	990.000	Ft
0790	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	7,698.000	Ft
0800	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,822.000	Ft
0810	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	990.000	Ft
0820	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	7,698.000	Ft
0830	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,822.000	Ft
0840	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	160.000	Ft
0850	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	160.000	Ft
0860	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0870	Recessing Pavt Mrkg, Longit	8110450	99,000.000	Ft
0880	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0890	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0900	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0910	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0920	Lighted Arrow, Type A, Furn	8120120	3.000	Ea
0930	Lighted Arrow, Type A, Oper	8120121	3.000	Ea
0940	Minor Traf Devices	8120170	1.000	LSUM
0950	Plastic Drum, Fluorescent, Furn	8120252	310.000	Ea
0960	Plastic Drum, Fluorescent, Oper	8120253	310.000	Ea
0970	Sign Cover	8120310	12.000	Ea
0980	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0990	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1000	Sign, Type B, Temp, Prismatic, Furn	8120350	930.000	Sft
1010	Sign, Type B, Temp, Prismatic, Oper	8120351	930.000	Sft
1020	Traf Regulator Control	8120370	1.000	LSUM
1030	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	30,000.000	Ft
1040	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	30,000.000	Ft
1050	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	30,000.000	Ft
1060	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	30,000.000	Ft
1070	Speed Radar Trailer, Temp	8122028	1.000	Ea
1080	Rumble Strip, Temp, Portable, Furn	8122188	30.000	Ea

1090	Rumble Strip, Temp, Portable, Oper	8122189	30.000	Ea
1100	Riprap, Plain	8130010	3.000	Syd
1110	Slope Restoration, Freeway, Type A	8162013	104,181.000	Syd
1120	Slope Restoration, Freeway, Type F	8162018	3,500.000	Syd
1130	Protect Corners	8210020	3.000	Ea
1140	Centerline Corrugations, Milled, HMA	8220013	5,452.000	Ft
1150	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	9,355.000	Ft
1160	Freeway Shld Corrugations, Milled, HMA	8222001	70,244.000	Ft
1170	Contractor Staking	8240001	1.000	LSUM
1180	Staking Plan Errors and Extras, Max \$180/hour	8240002	68.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 211105 006**Letting Date:** November 5, 2021**Contract ID:** 41000-201969**Description:** Installation of delineators on I-96, US-131 and M-231, Allegan, Ionia, Kent, Muskegon, and Ottawa Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201969A	21A0959	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$22,500.00	1100001	1.000	LSUM
0020	Delineator Reflector, Red	8100131	760.000	Ea
0030	Delineator Reflector, Yellow	8100132	800.000	Ea
0040	Delineator Reflector, White	8100134	3,600.000	Ea
0050	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	330.000	Ea
0060	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	90.000	Ea
0070	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	540.000	Ea
0080	Delineator, Rem	8100349	3,900.000	Ea
0090	Post, Flexible, Delineator	8100360	1,000.000	Ea
0100	Post, Rigid, Delineator	8100361	5,160.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0120	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Mobile Attenuator	8120180	2.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	80.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	80.000	Sft
0190	Contractor Staking	8240001	1.000	LSUM
0200	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 007

Letting Date: November 5, 2021

Contract ID: 21041-209019

Description: 2.08 mi of hot mix asphalt cold milling and resurfacing with culvert replacement, guardrail and pavement markings on M-183 from south of US-2, Delta County. This project contains a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209019A	N/A	N/A	M 21041
212758A	21A1003	N/A	ST 21041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$181,100.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.030	Acre
0030	Guardrail, Rem	2040035	426.000	Ft
0040	Embankment, CIP	2050010	962.000	Cyd
0050	Excavation, Channel	2050015	293.000	Cyd
0060	Excavation, Earth	2050016	1,778.000	Cyd
0070	Machine Grading	2050030	1.000	Sta
0080	Flowable Fill, Non-Structural	2050148	27.000	Cyd
0090	Backfill, Structure, CIP	2060002	3,098.000	Cyd
0100	Backfill, Select	2060004	190.000	Cyd
0110	Excavation, Fdn	2060010	3,731.000	Cyd
0120	_ Aggregate, Spec	2067021	86.000	Cyd
0130	Erosion Control, Check Dam, Stone	2080012	221.000	Ft
0140	Erosion Control, Filter Bag	2080014	3.000	Ea
0150	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0160	Erosion Control, Maintenance, Sediment Rem	2080026	30.000	Cyd
0170	Erosion Control, Sand Bag	2080028	350.000	Ea
0180	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0190	Erosion Control, Sediment Trap	2080034	13.000	Ea
0200	Erosion Control, Silt Fence	2080036	886.000	Ft
0210	Subbase, CIP	3010002	1,669.000	Cyd
0220	Aggregate Base	3020001	855.000	Ton
0230	Approach, CI II	3070021	20.000	Ton
0240	Shld, CI II	3070121	454.000	Ton
0250	Geotextile, Separator, Non-Woven	3082000	834.000	Syd
0260	Culv, CI F, 18 inch	4010609	64.000	Ft

0270	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	2.000	Ea
0280	Underdrain, Fdn, 4 inch	4040031	236.000	Ft
0290	Underdrain Outlet, 4 inch	4040091	64.000	Ft
0300	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0310	Culv Bedding, Box Culv	4060005	134.000	Cyd
0320	Culv, Precast Conc Box, 9 foot by 9 foot	4060126	118.000	Ft
0330	Cold Milling HMA Surface	5010002	34,201.000	Syd
0340	HMA Surface, Rem	5010005	1,952.000	Syd
0350	HMA Quality Initiative	5010007	7,192.000	Dlr
0360	Longit Joint Density Quality Initiative	5010018	12,268.000	Dlr
0370	Hand Patching	5010025	10.000	Ton
0380	HMA Approach	5010061	5.000	Ton
0390	HMA, 4EL	5012024	514.000	Ton
0400	HMA, 5EL	5012036	3,067.000	Ton
0410	HMA, Temp Pavt (4EL)	5012102	65.000	Ton
0420	_ Steel Sheet Piling, Temp, Spec	7047010	823.000	Sft
0430	_ Cofferdam, Left in Place, Spec (21041)	7047051	1.000	LSUM
0440	Reinforcement, Steel, Epoxy Coated	7060092	4,342.000	Lb
0450	Substructure Conc	7060100	24.000	Cyd
0460	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	421.000	Sft
0470	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	421.000	Sft
0480	Guardrail, Type MGS-8	8070004	600.000	Ft
0490	Guardrail, Curved, Type B	8070010	25.000	Ft
0500	Guardrail Approach Terminal, Type 2M	8070044	3.000	Ea
0510	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0520	Guardrail Reflector	8070080	40.000	Ea
0530	Delineator Reflector, Green	8100133	4.000	Ea
0540	Post, Rigid, Delineator	8100361	4.000	Ea
0550	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	15,005.000	Ft
0560	Pavt Mrkg, Waterborne, 6 inch, White	8110233	23,250.000	Ft
0570	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	15,005.000	Ft
0580	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	23,250.000	Ft
0590	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0600	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0610	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0620	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0630	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0640	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0650	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0660	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	1.000	Ea
0670	Conc Barrier Ending, Temp, Det 5, Adj	8120060	1.000	Ea
0680	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea

0690	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0700	Conc Barrier Ending, Temp, Det 5, Relocated	8120063	1.000	Ea
0710	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	4.000	Ea
0720	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0730	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0740	Minor Traf Devices	8120170	1.000	LSUM
0750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,250.000	Ft
0760	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,250.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	550.000	Ft
0780	Plastic Drum, Fluorescent, Furn	8120252	55.000	Ea
0790	Plastic Drum, Fluorescent, Oper	8120253	55.000	Ea
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	22.000	Ft
0810	PTS System, Temp, Furn	8120270	1.000	Ea
0820	PTS System, Temp, Oper	8120271	1.000	Ea
0830	Sign Cover	8120310	10.000	Ea
0840	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0850	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0860	Sign, Type B, Temp, Prismatic, Furn	8120350	900.000	Sft
0870	Sign, Type B, Temp, Prismatic, Oper	8120351	900.000	Sft
0880	Traf Regulator Control	8120370	1.000	LSUM
0890	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	475.000	Ft
0900	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	475.000	Ft
0910	Conc Barrier, Temp, Limited Deflection, Det 2, Adj	8121102	150.000	Ft
0920	Conc Barrier, Temp, Limited Deflection, Det 2, Relocated	8121103	150.000	Ft
0930	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	2,500.000	Ft
0940	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,450.000	Ft
0950	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	1,450.000	Ft
0960	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0970	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0980	_ Riprap, Inside Culvert, Class II	8137031	217.000	Ton
0990	_ Riprap, Spec, Class II	8137031	533.000	Ton
1000	Slope Restoration, Non-Freeway, Type C	8162003	1,840.000	Syd
1010	Monument Box	8210001	1.000	Ea
1020	Monument Preservation	8210010	1.000	Ea
1030	Protect Corners	8210020	5.000	Ea
1040	Centerline Corrugations, Milled, HMA	8220013	2,965.000	Ft
1050	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	5,930.000	Ft
1060	Contractor Staking	8240001	1.000	LSUM
1070	Staking Plan Errors and Extras, Max \$180/hour	8240002	20.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 211105 008**Letting Date:** November 5, 2021**Contract ID:** 03034-201231

Description: Concrete deep overlay, expansion joint and pin and hanger replacement, steel repair, partial painting, riprap placement and approach work on I-196/US-31 NB over the Kalamazoo River in the city of Saugatuck, Allegan County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
201231A	21A1006	N/A	IM 03034

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$277,000.00	1100001	1.000	LSUM
0020	Culv, End, Rem, Less than 24 inch	2030005	1.000	Ea
0030	Dr Structure, Rem	2030011	1.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	198.000	Ft
0050	Guardrail, Rem	2040035	520.000	Ft
0060	Pavt, Rem	2040050	1,360.000	Syd
0070	Excavation, Earth	2050016	4,605.000	Cyd
0080	_ Embankment, CIP, Spec	2057021	50.000	Cyd
0090	Erosion Control, Check Dam, Stone	2080012	25.000	Ft
0100	Erosion Control, Sediment Trap	2080034	1.000	Ea
0110	Erosion Control, Silt Fence	2080036	1,215.000	Ft
0120	_ Aggregate Base, Conditioning, Spec	3027011	1,910.000	Syd
0130	_ Shld, CI II, 10.5 inch	3077011	560.000	Syd
0140	Culv End Sect, 24 inch	4010024	1.000	Ea
0150	HMA Surface, Rem	5010005	2,250.000	Syd
0160	Hand Patching	5010025	5.000	Ton
0170	Joint, Contraction, Cp	6020200	468.000	Ft
0180	Joint, Contraction, C3p	6020201	144.000	Ft
0190	Joint, Expansion, E2	6020207	156.000	Ft
0200	Joint, Expansion, E3	6020208	72.000	Ft
0210	Joint, Expansion, E4	6020209	48.000	Ft
0220	Conc Pavt, Misc, Nonreinf, 10 1/2 inch, High Performance	6020517	940.000	Syd
0230	Shld, Nonreinf Conc, High Performance	6020524	1,600.000	Syd
0240	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	175.000	Syd
0250	Joint, Contraction, Crg	6030020	72.000	Ft
0260	Shld Gutter, Conc, Det 2	8020056	1.000	Ea
0270	Spillway, Conc	8020075	15.000	Ft

0280	Curb and Gutter, Bridge Approach, Det 5	8022016	52.000	Ft
0290	Curb and Gutter, Bridge Approach, Det 6	8022017	30.000	Ft
0300	Guardrail, Type MGS-8	8070004	238.000	Ft
0310	Guardrail, Type MGS-8, Temp	8070013	175.000	Ft
0320	Guardrail Anch, Bridge, Det T4, Temp	8070033	1.000	Ea
0330	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0340	Guardrail Approach Terminal, Type 2M, Temp	8070049	1.000	Ea
0350	Guardrail Reflector	8070080	6.000	Ea
0360	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
0370	Guardrail, Reconst, Type MGS-8	8072078	2,228.000	Ft
0380	Delineator, Rem	8100349	4.000	Ea
0390	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	720.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	580.000	Ft
0410	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,300.000	Ft
0420	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0430	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0450	Conc Barrier Ending, Temp, Det 2, Adj	8120040	1.000	Ea
0460	Conc Barrier Ending, Temp, Det 2, Furn	8120041	1.000	Ea
0470	Conc Barrier Ending, Temp, Det 2, Oper	8120042	1.000	Ea
0480	Conc Barrier Reflector Replacement	8120070	20.000	Ea
0490	Conc Barrier, Temp, Adj	8120080	8,800.000	Ft
0500	Conc Barrier, Temp, Furn	8120081	8,800.000	Ft
0510	Conc Barrier, Temp, Oper	8120082	8,800.000	Ft
0520	Glare Screen, Temp	8120094	8,800.000	Ft
0530	Glare Screen, Temp, Complete Sect, Replaced	8120096	1.000	Ea
0540	High Intensity Light, Type B, Furn	8120110	4.000	Ea
0550	High Intensity Light, Type B, Oper	8120111	4.000	Ea
0560	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0570	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0580	Lighted Arrow, Type C, Standby	8120142	2.000	Ea
0590	Ltg for Night Work	8120160	1.000	LSUM
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Pavt Mrkg Cover, Type R, Black	8120200	17,600.000	Ft
0620	Plastic Drum, Fluorescent, Furn	8120252	140.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	140.000	Ea
0640	Sign Cover	8120310	2.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0660	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0670	Sign, Type B, Temp, Prismatic, Furn	8120350	856.000	Sft
0680	Sign, Type B, Temp, Prismatic, Oper	8120351	856.000	Sft
0690	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	21.000	Sft

0700	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	21.000	Sft
0710	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	17,600.000	Ft
0720	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	17,600.000	Ft
0730	Speed Radar Trailer, Temp	8122028	2.000	Ea
0740	Rumble Strip, Temp, Portable, Furn	8122188	54.000	Ea
0750	Rumble Strip, Temp, Portable, Oper	8122189	54.000	Ea
0760	Riprap, Plain	8130010	4.000	Syd
0770	Slope Restoration, Freeway, Type A	8162013	1,980.000	Syd
0780	Slope Restoration, Freeway, Type B	8162014	2,080.000	Syd
0790	Freeway Shld Corrugations, Milled, HMA	8222001	13,300.000	Ft
0800	Contractor Staking	8240001	1.000	LSUM
0810	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0820	_ Maintaining Navigation (B01-1 of 03034)	1077051	1.000	LSUM
0830	_ Maintaining Navigation (B01-2 of 03034)	1077051	1.000	LSUM
0840	Excavation, Fdn	2060010	9.000	Cyd
0850	Erosion Control, Turbidity Curtain, Deep	2080042	230.000	Ft
0860	HMA Patch, Rem	5010006	10.000	Syd
0870	Bridge Ltg, Furn and Rem (B01-1 of 03034)	7060001	1.000	LSUM
0880	Bridge Ltg, Oper and Maintain (B01-1 of 03034)	7060002	330.000	Cyd
0890	Expansion Joint Device	7060050	240.000	Ft
0900	False Decking	7060060	20,124.000	Sft
0910	Reinforcement, Steel, Epoxy Coated	7060092	9,696.000	Lb
0920	Conc, Grade 4500HP	7062004	44.000	Cyd
0930	Bushing	7070030	144.000	Ea
0940	Structural Steel, Mixed, Erect	7070050	18,387.000	Lb
0950	Structural Steel, Mixed, Furn and Fab	7070051	876.000	Lb
0960	Joint Waterproofing	7100001	107.000	Sft
0970	Hand Chipping, Other Than Deck	7120007	800.000	Cft
0980	Patch, Full Depth	7120010	15.000	Cyd
0990	Patch, Forming	7120017	2,400.000	Sft
1000	Bridge Deck Surface Construction	7120025	2,066.000	Syd
1010	Structures, Rehabilitation, Rem Portions (B01-1 of 03034)	7120070	1.000	LSUM
1020	Deck Joint, Rem	7120071	233.000	Ft
1030	Latex Conc Surface, Rem	7120072	2,066.000	Syd
1040	Hydrodemolition, First Pass	7120076	2,066.000	Syd
1050	Hydrodemolition, 2nd Pass	7120077	207.000	Syd
1060	Patching Conc, C-L	7120112	30.000	Cyd
1070	Embedded Galvanic Anode	7120120	1,640.000	Ea
1080	Hand Chipping, Full Depth	7122000	405.000	Cft
1090	_ Conc, Deep Bridge Deck Ovly	7127021	330.000	Cyd
1100	Beam Plate, Seal Perimeter	7130010	1,835.000	Ft

1110	Hanger Assembly, Field Measurement	7130030	36.000	Ea
1120	Hanger Assembly, Rem and Erect	7130031	36.000	Ea
1130	Rocker, Realign	7130050	6.000	Ea
1140	Structural Steel, Furn and Fab, Pin and Hanger	7130070	12,825.000	Lb
1150	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	15,500.000	Lb
1160	Support, Column, Temp	7130080	3.000	Ea
1170	Support, Diaphragm, Temp	7130081	6.000	Ea
1180	Support, Suspension, Temp	7130082	36.000	Ea
1190	Steel Structure, Cleaning, Partial, Type 4 (B01-1 of 03034)	7150047	1.000	LSUM
1200	Steel Structure, Coating, Partial, Type 4 (B01-1 of 03034)	7150048	1.000	LSUM
1210	Field Repr of Damaged Coating (B01-1 of 03034)	7160001	1.000	LSUM
1220	Drain Casting Assembly, Type 1	7172020	42.000	Ea
1230	_ Riprap, Spec, Class II	8137031	207.000	Ton
1240	Conduit, Rem	8182000	96.000	Ft
1250	Conduit, Schedule 80, 2 inch	8182146	96.000	Ft
1260	_ Cable, Install Salv	8197001	96.000	Ft
1270	_ Cable, Rem and Salv	8197001	96.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 211105 009

Letting Date: November 5, 2021

Contract ID: 74022-206687

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				
0010	Mobilization, Max \$767,400.00	1100001	1.000	LSUM
0020	Tree, Rem, 19 inch to 36 inch	2020002	5.000	Ea
0030	Tree, Rem, 6 inch to 18 inch	2020004	2.000	Ea
0040	Culv, End, Rem, Less than 24 inch	2030005	2.000	Ea
0050	Dr Structure, Rem	2030011	3.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	225.000	Ft
0070	Asbestos Materials, Rem and Disposal	2040001	3,800.000	Dlr
0080	Curb and Gutter, Rem	2040020	858.000	Ft
0090	Guardrail, Rem	2040035	587.000	Ft
0100	Pavt, Rem	2040050	253.000	Syd
0110	Sidewalk, Rem	2040055	140.000	Syd
0120	Exploratory Investigation, Vertical	2040080	25.000	Ft
0130	_ Structure Cover, Rem and Salv	2047050	2.000	Ea
0140	_ Rem of Misc Appurtenances	2047051	1.000	LSUM
0150	Embankment, CIP	2050010	1,715.000	Cyd
0160	Excavation, Earth	2050016	5,170.000	Cyd
0170	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,590.000	Cyd
0180	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0190	Flowable Fill, Non-Structural	2050148	10.000	Cyd
0200	_ Embankment, CIP, Spec	2057021	700.000	Cyd
0210	Erosion Control, Check Dam, Stone	2080012	160.000	Ft
0220	Erosion Control, Inlet Protection, Fabric Drop	2080020	12.000	Ea
0230	Erosion Control, Inlet Protection, Sediment Trap	2080024	6.000	Ea
0240	Erosion Control, Silt Fence	2080036	2,670.000	Ft
0250	Subbase, CIP	3010002	3,323.000	Cyd
0260	Aggregate Base, LM	3020002	295.000	Cyd

0270	Aggregate Base, 6 inch	3020016	7,282.000	Syd
0280	Aggregate Surface Cse, 6 inch	3060010	126.000	Syd
0290	_ Shoulder, CI II, Modified	3077031	730.000	Ton
0300	Road Grade Biaxial Geogrid	3082002	1,030.000	Syd
0310	Culv End Sect, 12 inch	4010012	2.000	Ea
0320	Culv, CI F, 12 inch	4010607	48.000	Ft
0330	Culv, Downspout, 12 inch	4010795	40.000	Ft
0340	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	59.000	Ft
0350	Sewer, CI A, 18 inch, Tr Det A	4020006	92.000	Ft
0360	Sewer, CI A, 12 inch, Tr Det B	4020033	28.000	Ft
0370	Sewer, CI A, 18 inch, Tr Det B	4020035	60.000	Ft
0380	Sewer, CI E, 12 inch, Tr Det B	4020600	51.000	Ft
0390	Sewer Tap, 12 inch	4021204	1.000	Ea
0400	Sewer Tap, 15 inch	4021205	1.000	Ea
0410	Sewer Tap, 18 inch	4021206	1.000	Ea
0420	Sewer Bulkhead, 18 inch	4021232	1.000	Ea
0430	Video Taping Sewer and Culv Pipe	4021275	211.000	Ft
0440	Dr Structure Cover, Adj, Case 1	4030005	5.000	Ea
0450	Dr Structure Cover, Type B	4030010	3.000	Ea
0460	Dr Structure Cover, Type K	4030050	5.000	Ea
0470	Dr Structure, 24 inch dia	4030200	2.000	Ea
0480	Dr Structure, 48 inch dia	4030210	6.000	Ea
0490	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	18.000	Ft
0500	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0510	_ Accessible Dr Structure Cover	4037050	1.000	Ea
0520	Underdrain, Subbase, 6 inch	4040063	1,584.000	Ft
0530	Underdrain Outlet, 6 inch	4040093	320.000	Ft
0540	Underdrain, Outlet Ending, 6 inch	4040113	12.000	Ea
0550	Video Inspection of Underdrain	4040200	1,694.000	Ft
0560	Cold Milling HMA Surface	5010002	2,035.000	Syd
0570	HMA Surface, Rem	5010005	5,920.000	Syd
0580	HMA Quality Initiative	5010007	5,022.000	Dlr
0590	Longit Joint Density Quality Initiative	5010018	5,130.000	Dlr
0600	HMA Approach	5010061	36.000	Ton
0610	HMA, 3EML	5012013	1,050.000	Ton
0620	HMA, 4EML	5012025	710.000	Ton
0630	HMA, 5EML	5012037	715.000	Ton
0640	HMA, Temp Pavt (4EL)	5012102	30.000	Ton
0650	Conc Pavt, Nonreinf, 6 inch	6020100	24.000	Syd
0660	Joint, Expansion, E3	6020208	120.000	Ft
0670	Reinforcement, Steel, Culv and Headwall	7060091	142.000	Lb
0680	_ Impact Attenuator, Test Level-3, Furn and Install, Type 1	8007050	1.000	Ea
0690	Curb and Gutter, Conc, Det D2	8020031	111.000	Ft

0700	Curb and Gutter, Conc, Det F4	8020038	525.000	Ft
0710	Curb and Gutter, Conc, Det F6	8020040	138.000	Ft
0720	Downspout Header, Conc	8020070	2.000	Ea
0730	Curb and Gutter, Bridge Approach, Det 5	8022016	40.000	Ft
0740	Curb and Gutter, Bridge Approach, Det 7A	8022020	123.000	Ft
0750	_ Valley Gutter, Conc, Modified	8027001	337.000	Ft
0760	Detectable Warning Surface	8030010	15.000	Ft
0770	Curb Ramp Opening, Conc	8030030	16.000	Ft
0780	Sidewalk, Conc, 4 inch	8030044	2,142.000	Sft
0790	Sidewalk, Conc, 6 inch	8030046	230.000	Sft
0800	Curb Ramp, Conc, 6 inch	8032002	223.000	Sft
0810	_ Conc Barrier, Single Face, Type C, Modified	8047001	13.000	Ft
0820	Guardrail, Type MGS-8	8070004	322.000	Ft
0830	Guardrail, Curved, Type B	8070010	19.000	Ft
0840	Guardrail, Curved, Type MGS-8	8070012	55.000	Ft
0850	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0860	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0870	Guardrail Departing Terminal, Type MGS	8070052	4.000	Ea
0880	Guardrail Post, Culv	8070070	8.000	Ea
0890	Guardrail Reflector	8070080	30.000	Ea
0900	Post, Mailbox	8070095	15.000	Ea
0910	Guardrail Anch, Bridge, Det M1	8070130	1.000	Ea
0920	Guardrail Anch, Bridge, Det M4	8070133	1.000	Ea
0930	Guardrail Anch, Bridge, Det M1, Curved	8072036	1.000	Ea
0940	_ Hand Digging Guardrail Post	8077050	12.000	Ea
0950	Post, Steel, 3 lb	8100371	253.000	Ft
0960	Sign, Type III, Erect, Salv	8100402	17.000	Ea
0970	Sign, Type III, Rem	8100403	18.000	Ea
0980	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	4.000	Ea
0990	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	4,020.000	Ft
1000	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	3,280.000	Ft
1010	Pavt Mrkg, Waterborne, 4 inch, White	8110231	155,550.000	Ft
1020	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	36,510.000	Ft
1030	Pavt Mrkg, Waterborne, 6 inch, White	8110233	4,020.000	Ft
1040	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	3,280.000	Ft
1050	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	4,020.000	Ft
1060	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	3,280.000	Ft
1070	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	605.000	Ft
1080	Recessing Pavt Mrkg, Longit	8110450	6,835.000	Ft
1090	Recessing Pavt Mrkg, Transv	8110451	136.000	Sft
1100	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
1110	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
1120	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea

1130	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	20.000	Ea
1140	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	20.000	Ea
1150	Minor Traf Devices	8120170	1.000	LSUM
1160	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
1170	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
1180	Sign Cover	8120310	1.000	Ea
1190	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1200	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1210	Sign, Type B, Temp, Prismatic, Furn	8120350	550.000	Sft
1220	Sign, Type B, Temp, Prismatic, Oper	8120351	550.000	Sft
1230	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
1240	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
1250	_ Driveway Maintenance	8127050	13.000	Ea
1260	_ Intersection Maintenance	8127050	1.000	Ea
1270	Riprap, Plain	8130010	54.000	Syd
1280	Site Preparation, Max \$500.00	8150001	1.000	LSUM
1290	Watering and Cultivating, First Season, Min \$200.00	8150002	1.000	LSUM
1300	Watering and Cultivating, 2nd Season, Min \$300.00	8150003	1.000	LSUM
1310	Acer rubrum 'Bowhall', 2 inch	8150142	1.000	Ea
1320	Juniperus virginiana, 6 foot	8152032	4.000	Ea
1330	Slope Restoration, Non-Freeway, Type A	8162001	2,405.000	Syd
1340	Slope Restoration, Non-Freeway, Type B	8162002	365.000	Syd
1350	Slope Restoration, Non-Freeway, Type C	8162003	1,565.000	Syd
1360	_ Mulch Blanket, Temp	8167011	2,180.000	Syd
1370	Monument Preservation	8210010	2.000	Ea
1380	Protect Corners	8210020	2.000	Ea
1390	Fire Hydrant	8230040	2.000	Ea
1400	Gate Valve and Box, 6 inch	8230051	2.000	Ea
1410	Gate Valve, 12 inch	8230064	4.000	Ea
1420	Hydrant, Rem	8230091	1.000	Ea
1430	Water Main, DI, 6 inch, Tr Det F	8230150	30.000	Ft
1440	Water Main, DI, 12 inch, Tr Det F	8230165	210.000	Ft
1450	Water Main, DI, 12 inch, Tr Det G	8230166	163.000	Ft
1460	Water Serv	8230240	2.000	Ea
1470	Gate Well, 60 inch dia	8230360	4.000	Ea
1480	Polyethylene Encasement	8230440	524.000	Ft
1490	Gate Well, Cover	8232000	4.000	Ea
1500	Water Main, DI, 12 inch	8232008	59.000	Ft
1510	_ Water Main, HDPE, 12 inch, Directional Bore	8237001	522.000	Ft
1520	Contractor Staking	8240001	1.000	LSUM
1530	Staking Plan Errors and Extras, Max \$180/hour	8240002	54.000	Hr

Section: 2

1540	Structures, Rem (B05 of 74022)	2040060	1.000	LSUM
1550	Structures, Rem (B06 of 74022)	2040060	1.000	LSUM
1560	Backfill, Structure, CIP	2060002	4,010.000	Cyd
1570	Excavation, Fdn	2060010	21,350.000	Cyd
1580	_ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	5,280.000	Cyd
1590	Erosion Control, Filter Bag	2080014	10.000	Ea
1600	Erosion Control, Gravel Filter Berm	2080018	540.000	Ft
1610	Erosion Control, Sand Bag	2080028	950.000	Ea
1620	Erosion Control, Sediment Basin	2080032	15.000	Cyd
1630	Erosion Control, Sediment Trap	2080034	3.000	Ea
1640	Erosion Control, Turbidity Curtain, Deep	2080042	250.000	Ft
1650	Erosion Control, Turbidity Curtain, Shallow	2080044	25.000	Ft
1660	_ Liner, PVC, 30 mil	2087011	581.000	Syd
1670	Geotextile, Separator, Non-Woven	3082000	5,280.000	Syd
1680	_ Dewatering System for Contaminated Groundwater, East Cofferdam	4027050	1.000	Ea
1690	_ Dewatering System for Contaminated Groundwater, West Cofferdam	4027050	1.000	Ea
1700	Underdrain, Fdn, 6 inch	4040033	240.000	Ft
1710	Culv Bedding, Box Culv	4060005	150.000	Cyd
1720	_ Culv, Precast Conc Box, 24 foot by 12 foot	4067001	52.000	Ft
1730	_ Steel Sheet Piling, Temp, Spec	7047010	590.000	Sft
1740	_ Cofferdam, Left in Place, Spec (B05 of 74022)	7047051	1.000	LSUM
1750	_ Cofferdam, Left in Place, Spec (B06 of 74022)	7047051	1.000	LSUM
1760	_ Cofferdam, Spec (B06 of 74022)	7047051	1.000	LSUM
1770	Pile Driving Equipment, Furn (B06 of 74022)	7050002	1.000	LSUM
1780	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	5,240.000	Ft
1790	Pile Point, CIP Conc	7050025	93.000	Ea
1800	Pile, Steel, Splice	7050050	62.000	Ea
1810	_ Test Pile, Dynamic Anaylsis	7057050	8.000	Ea
1820	_ Test Pile, Furn Dynamic Anaylsis Equipment	7057050	4.000	Ea
1830	Bridge Ltg, Furn and Rem (B06 of 74022)	7060001	1.000	LSUM
1840	Bridge Ltg, Oper and Maintain	7060002	434.000	Cyd
1850	Elec Grounding System	7060040	1.000	Ea
1860	Expansion Joint Device	7060050	122.000	Ft
1870	Expansion Joint Device, Cover Plate	7060051	15.000	Ft
1880	False Decking	7060060	21,480.000	Sft
1890	Reinforcement, Steel, Epoxy Coated	7060092	278,636.000	Lb
1900	Substructure Conc, High Performance	7060101	1,183.000	Cyd
1910	Superstructure Conc, Form, Finish, and Cure (B06 of 74022)	7060111	1.000	LSUM
1920	Superstructure Conc, Form, Finish, and Cure, Night Casting (B06 of 74022)	7060112	1.000	LSUM
1930	Superstructure Conc, High Performance	7060116	87.000	Cyd
1940	Superstructure Conc, Night Casting, High Performance	7060117	434.000	Cyd

1950	Conc, Grade 3500	7062001	3,623.000	Cyd
1960	_ Conc, Grade X	7067021	38.000	Cyd
1970	Bearing, Elastomeric, 3 1/4 inch	7070021	2,700.000	Sin
1980	Bearing, Elastomeric, 3 1/2 inch	7070022	5,940.000	Sin
1990	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	2,494.000	Lb
2000	Steel Diaphragm, Prest Conc Beam, Erect	7070054	2,494.000	Lb
2010	Prest Conc I Beam, Furn, 36 inch	7080025	1,848.000	Ft
2020	Prest Conc I Beam, Erect, 36 inch	7080026	1,848.000	Ft
2030	Joint Waterproofing	7100001	1,300.000	Sft
2040	Joint Waterproofing, Expansion	7100003	183.000	Sft
2050	Conc Surface Coating, Warranty (B06 of 74022)	7100009	1.000	LSUM
2060	Reflective Marker, Permanent Barrier	7110003	9.000	Ea
2070	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	516.000	Ft
2080	_ Bridge Railing Panel, Rem, Salv, and Transport (B06 of 74022)	7127051	1.000	LSUM
2090	Obstruction Rem	7180100	2,000.000	Dir
2100	_ Monitoring Structure (B06 of 74022)	8007051	1.000	LSUM
2110	_ Vibration Monitoring	8007051	1.000	LSUM
2120	_ Fence, Ornamental Aluminum, 48 inch	8087001	284.000	Ft
2130	Conc Barrier, Temp, Furn	8120081	210.000	Ft
2140	Conc Barrier, Temp, Oper	8120082	210.000	Ft
2150	_ Riprap, Spec, Class II	8137031	4,450.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 211105 010

Letting Date: November 5, 2021

Contract ID: 52042-131846

Description: 0.57 mi of hot mix asphalt reconstruction, cold milling and hot mix asphalt surfacing, storm sewer and drainage repairs and improvements, traffic signal work, water main, signing and pavement markings on US-41/M-28 from Furnace Street to Front Street in the city of Marquette, Marquette County. This project includes a 5 year and a 3 year materials and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
131846A	21A0972	N/A	NH 52042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$373,300.00	1100001	1.000	LSUM
0020	Culv, End, Rem, 24 inch to 48 inch	2030006	1.000	Ea
0030	Dr Structure, Rem	2030011	22.000	Ea
0040	Sewer, Rem, Less than 24 inch	2030015	603.000	Ft
0050	Sewer, Rem, 24 inch to 48 inch	2030016	102.000	Ft
0060	Curb and Gutter, Rem	2040020	3,147.000	Ft
0070	Curb, Rem	2040021	420.000	Ft
0080	Guardrail, Rem	2040035	110.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	2.000	Cyd
0100	Pavt, Rem	2040050	14,775.000	Syd
0110	Sidewalk, Rem	2040055	918.000	Syd
0120	Embankment, CIP	2050010	1,860.000	Cyd
0130	Excavation, Earth	2050016	13,679.000	Cyd
0140	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0150	Flowable Fill, Non-Structural	2050148	5.000	Cyd
0160	Aggregate	2060005	5.000	Cyd
0170	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0180	Erosion Control, Inlet Protection, Fabric Drop	2080020	75.000	Ea
0190	Erosion Control, Inlet Protection, Sediment Trap	2080024	40.000	Ea
0200	Erosion Control, Sand Bag	2080028	120.000	Ea
0210	Erosion Control, Silt Fence	2080036	600.000	Ft
0220	Subbase, CIP	3010002	9,933.000	Cyd
0230	Aggregate Base, 6 inch	3020016	19,707.000	Syd
0240	Driveway Maintenance, Commercial	3062000	14.000	Ea
0250	Driveway Maintenance, Residential	3062001	1.000	Ea
0260	Intersection Maintenance	3062002	7.000	Ea

0270	Approach, CI I, 6 inch	3070008	1,375.000	Syd
0280	Shld, CI II, 4 inch, Temp	3070181	180.000	Syd
0290	Culv End Sect, Conc, 84 inch	4010061	1.000	Ea
0300	Culv End Sect, Footing	4010072	1.000	Ea
0310	Culv End Sect, Grate	4010083	1.000	Ea
0320	Sewer, CI A, 66 inch, Tr Det A	4020014	22.000	Ft
0330	Sewer, CI A, 84 inch, Tr Det A	4020017	31.000	Ft
0340	Sewer, CI A, 12 inch, Tr Det B	4020033	289.000	Ft
0350	Sewer, CI A, 15 inch, Tr Det B	4020034	9.000	Ft
0360	Sewer, CI A, 18 inch, Tr Det B	4020035	154.000	Ft
0370	Sewer, CI A, 24 inch, Tr Det B	4020036	93.000	Ft
0380	Sewer, CI A, 30 inch, Tr Det B	4020037	62.000	Ft
0390	Sewer, CI A, 60 inch, Tr Det B	4020042	38.000	Ft
0400	Sewer, CI E, 12 inch, Tr Det B	4020600	420.000	Ft
0410	Sewer, CI E, 18 inch, Tr Det B	4020602	43.000	Ft
0420	Video Taping Sewer and Culv Pipe	4021275	1,161.000	Ft
0430	_ Slotted Drain, Galv, 12 inch	4027001	225.000	Ft
0440	Dr Structure Cover, Adj, Case 1	4030005	95.000	Ea
0450	Dr Structure Cover, Type B	4030010	34.000	Ea
0460	Dr Structure Cover, Type C	4030015	5.000	Ea
0470	Dr Structure Cover, Type D	4030025	31.000	Ea
0480	Dr Structure Cover, Type K	4030050	43.000	Ea
0490	Dr Structure, 24 inch dia	4030200	12.000	Ea
0500	Dr Structure, 48 inch dia	4030210	30.000	Ea
0510	Dr Structure, 60 inch dia	4030220	1.000	Ea
0520	Dr Structure, 72 inch dia	4030230	3.000	Ea
0530	Dr Structure, 96 inch dia	4030234	1.000	Ea
0540	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	3.000	Ft
0550	Dr Structure, 108 inch dia	4030237	1.000	Ea
0560	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	3.000	Ft
0570	Dr Structure, 120 inch dia	4030242	1.000	Ea
0580	Dr Structure, Add Depth of 120 inch dia, 8 foot to 15 foot	4030243	3.000	Ft
0590	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	28.000	Ft
0600	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	2.000	Ft
0610	Dr Structure, Tap, 12 inch	4030312	15.000	Ea
0620	Dr Structure, Tap, 18 inch	4030318	12.000	Ea
0630	Dr Structure, Tap, 24 inch	4030324	2.000	Ea
0640	Dr Structure, Tap, 36 inch	4030336	7.000	Ea
0650	_ Dr Structure, Reconstruct	4037001	125.000	Ft
0660	_ Accessible Dr Structure Cover	4037050	3.000	Ea
0670	_ Stormwater Hydrodynamic Separator No. 1	4037051	1.000	LSUM
0680	_ Stormwater Hydrodynamic Separator No. 2	4037051	1.000	LSUM

0690	Underdrain, Subbase, 6 inch	4040063	2,785.000	Ft
0700	Video Inspection of Underdrain	4040200	2,785.000	Ft
0710	Cold Milling HMA Surface	5010002	8,860.000	Syd
0720	HMA Surface, Rem	5010005	7,851.000	Syd
0730	HMA Quality Initiative	5010007	13,036.000	Dlr
0740	Longit Joint Density Quality Initiative	5010018	18,000.000	Dlr
0750	Hand Patching	5010025	4.000	Ton
0760	HMA Approach	5010061	366.000	Ton
0770	HMA Approach, High Stress	5010520	528.000	Ton
0780	HMA, 3EML, High Stress	5012061	2,492.000	Ton
0790	HMA, 4EML, High Stress	5012073	1,663.000	Ton
0800	HMA, 5EML, High Stress	5012085	1,465.000	Ton
0810	HMA, Temp Pavt (4EML)	5012103	570.000	Ton
0820	HMA, Temp Pavt (5EML)	5012105	580.000	Ton
0830	_ Conc Pavt, Decorative, Nonreinf, 6 inch	6027011	210.000	Syd
0840	Conc, Grade 3500	7062001	8.000	Cyd
0850	Hand Chipping, Other Than Deck	7120007	32.000	Cft
0860	Patching Conc, C-L	7120112	2.000	Cyd
0870	Embedded Galvanic Anode	7120120	57.000	Ea
0880	Driveway, Nonreinf Conc, 8 inch	8010007	234.000	Syd
0890	Curb, Conc, Det E2	8020002	3,717.000	Ft
0900	Curb and Gutter, Conc, Det C6	8020025	3,603.000	Ft
0910	Curb and Gutter, Conc, Det D2	8020031	527.000	Ft
0920	Driveway Opening, Conc, Det M	8020050	845.000	Ft
0930	Divider, Conc, Type I	8022000	230.000	Sft
0940	_ Curb and Gutter, Conc, Det C6, Modified	8027001	1,607.000	Ft
0950	_ Curb, Conc, Det E2, Modified	8027001	260.000	Ft
0960	Detectable Warning Surface	8030010	119.000	Ft
0970	Curb Ramp Opening, Conc	8030030	141.000	Ft
0980	Sidewalk, Conc, 4 inch	8030044	808.000	Sft
0990	Sidewalk, Conc, 8 inch	8030048	2,349.000	Sft
1000	Curb Ramp, Conc, 6 inch	8032002	1,008.000	Sft
1010	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
1020	Guardrail Reflector	8070080	1.000	Ea
1030	Fence, Protective	8080007	200.000	Ft
1040	Fdn, Wood Support, Rem	8100280	54.000	Ea
1050	Installing MDOT Supplied Sign, Type III	8100302	4.000	Ea
1060	Post Hole Through Conc for Wood Post	8100341	11.000	Ea
1070	Post, Steel, 3 lb	8100371	392.000	Ft
1080	Post, Wood, 4 inch by 6 inch	8100380	637.000	Ft
1090	Post, Wood, 6 inch by 8 inch	8100382	88.000	Ft
1100	Sign, Type I, Rem	8100391	1.000	Ea
1110	Sign, Type II, Rem	8100397	11.000	Ea
1120	Sign, Type IIA	8100398	73.000	Sft
1130	Sign, Type IIB	8100399	58.000	Sft

1140	Sign, Type III, Rem	8100403	96.000	Ea
1150	Sign, Type IIIA	8100404	100.000	Sft
1160	Sign, Type IIIB	8100405	257.000	Sft
1170	Sign, Type V, Rem	8100421	2.000	Ea
1180	Sign, Type VB	8100425	12.000	Sft
1190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
1200	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	469.000	Ft
1210	Pavt Mrkg, Polyurea, Yield	8110103	6.000	Ea
1220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	116.000	Ft
1230	Rem Spec Mrkg	8110343	660.000	Sft
1240	Pavt Mrkg, Polyurea, Lt Roundabout Arrow Sym	8110395	2.000	Ea
1250	Pavt Mrkg, Polyurea, Thru and Lt Roundabout Arrow Sym	8110396	4.000	Ea
1260	Pavt Mrkg, Polyurea, Rt and Lt Turn Arrow Sym	8110404	1.000	Ea
1270	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	9.000	Ea
1280	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
1290	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
1300	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	1.000	Ea
1310	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	1.000	Ea
1320	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	8.000	Ea
1330	Recessing Pavt Mrkg, Longit	8110450	13,727.000	Ft
1340	Pavt Mrkg, Polyurea, Rt and Lt Roundabout Arrow Sym	8112174	1.000	Ea
1350	Pavt Mrkg, Modified Epoxy, 6 inch, White	8112238	5,867.000	Ft
1360	Pavt Mrkg, Modified Epoxy, 12 inch, White	8112240	803.000	Ft
1370	Pavt Mrkg, Modified Epoxy, 6 inch, Yellow	8112242	7,057.000	Ft
1380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	45.000	Ea
1390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	45.000	Ea
1400	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
1410	Pedestrian Type II Channelizer, Temp	8120027	60.000	Ft
1420	Tubular Marker	8120097	150.000	Ea
1430	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
1440	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
1450	Ltg for Night Work	8120160	1.000	LSUM
1460	Minor Traf Devices	8120170	1.000	LSUM
1470	Mobile Attenuator	8120180	1.000	Ea
1480	Part Width Intersection Construction	8120190	7.000	Ea
1490	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	8,870.000	Ft
1500	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	60.000	Ft
1510	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	50.000	Ft
1520	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	2.000	Ea
1530	Plastic Drum, Fluorescent, Furn	8120252	190.000	Ea
1540	Plastic Drum, Fluorescent, Oper	8120253	190.000	Ea
1550	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	8120255	790.000	Ft

1560	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	2.000	Ea
1570	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	3.000	Ea
1580	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	50.000	Ft
1590	Sign Cover	8120310	15.000	Ea
1600	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	3.000	Ea
1610	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	3.000	Ea
1620	Sign, Type A, Temp, Prismatic, Furn	8120340	60.000	Sft
1630	Sign, Type A, Temp, Prismatic, Oper	8120341	60.000	Sft
1640	Sign, Type B, Temp, Prismatic, Furn	8120350	2,160.000	Sft
1650	Sign, Type B, Temp, Prismatic, Oper	8120351	2,160.000	Sft
1660	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	510.000	Sft
1670	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	510.000	Sft
1680	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	8,400.000	Ft
1690	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	14,200.000	Ft
1700	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	4,100.000	Ft
1710	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	4,800.000	Ft
1720	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	1,000.000	Ft
1730	Pedestrian Path, Temp	8122250	60.000	Ft
1740	Pedestrian Ramp, Temp	8122251	3.000	Ea
1750	Sodding	8160055	620.000	Syd
1760	Topsoil Surface, Furn, 4 inch	8160062	620.000	Syd
1770	Topsoil Surface, Furn, 6 inch	8160064	558.000	Syd
1780	Water, Sodding/Seeding	8160090	20.000	Unit
1790	Slope Restoration, Non-Freeway, Type A	8162001	95.000	Syd
1800	Slope Restoration, Non-Freeway, Type B	8162002	2,767.000	Syd
1810	Conduit, Rem	8182000	400.000	Ft
1820	Conduit, DB, 1, 1 1/2 inch	8182048	105.000	Ft
1830	Conduit, Schedule 40, 2 inch	8182133	400.000	Ft
1840	DB Cable, in Conduit, 600V, 1/C#6	8182187	1,200.000	Ft
1850	Cable, Rem	8182196	1,750.000	Ft
1860	Cable, Equipment Grounding Wire, 1/C#6	8182291	400.000	Ft
1870	Hh, Polymer Conc	8182309	2.000	Ea
1880	Hh, Adj	8182328	2.000	Ea
1890	Hh, Rem	8182330	2.000	Ea
1900	_ Cable, P.J., 600V, 1, 5/C#16	8187001	700.000	Ft
1910	_ Cable, P.J., 600V, 1, 7/C#16	8187001	525.000	Ft
1920	_ Cable, Shielded, 600V, 1, 2/C#16, Pushbutton	8187001	525.000	Ft
1930	Light Std Arm, 6 foot	8190265	2.000	Ea
1940	Light Std Arm, Rem	8190277	2.000	Ea

1950	Light Std Fdn	8190279	2.000	Ea
1960	Light Std Fdn, Rem	8190280	2.000	Ea
1970	Light Std Shaft, 30 foot or less	8190285	2.000	Ea
1980	Light Std Shaft, Rem	8190305	2.000	Ea
1990	Luminaire, Install Salv	8190350	2.000	Ea
2000	Luminaire, Rem and Salv	8190365	2.000	Ea
2010	Case Sign, Rem	8200020	2.000	Ea
2020	Controller and Cabinet, Rem	8200030	1.000	Ea
2030	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2040	Pedestal, Alum	8200100	2.000	Ea
2050	Pedestal, Alum, Salv	8200101	1.000	Ea
2060	Pedestal, Fdn	8200105	5.000	Ea
2070	Pedestal Fdn, Rem	8200106	2.000	Ea
2080	Pedestal, Rem	8200110	1.000	Ea
2090	Pushbutton and Sign	8200121	4.000	Ea
2100	Pushbutton, Rem	8200122	2.000	Ea
2110	Pushbutton, Pedestal, Alum	8200123	2.000	Ea
2120	Pushbutton, Pedestal, Rem	8200124	1.000	Ea
2130	Pushbutton and Sign, Salv	8200126	2.000	Ea
2140	Span Wire	8200140	2.000	Ea
2150	Span Wire, Rem	8200141	2.000	Ea
2160	Span Wire Tether	8200142	2.000	Ea
2170	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
2180	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
2190	Cabinet, NEMA Type	8200186	1.000	Ea
2200	TS, One Way Span Wire Mtd, Salv	8200191	4.000	Ea
2210	TS, Pedestrian, Two Way Pedestal Mtd, Salv	8200238	1.000	Ea
2220	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
2230	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
2240	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
2250	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
2260	Wireless Vehicle Sensor Node, Rem	8200426	14.000	Ea
2270	Case Sign, Non-Illuminated, Salv	8200431	2.000	Ea
2280	Hemispherical Video Detection Camera	8200444	1.000	Ea
2290	Hemispherical Video Detection System	8200445	1.000	Ea
2300	TS Head, Adj	8200452	12.000	Ea
2310	TS Face, Bag	8200458	14.000	Ea
2320	TS Face, Bag, Rem	8200459	14.000	Ea
2330	Cellular Modem, TS, 4th G	8200498	1.000	Ea
2340	Backplate, TS	8200501	6.000	Ea
2350	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
2360	Monument Box Adj	8210005	1.000	Ea
2370	Monument Preservation	8210010	1.000	Ea
2380	Fire Hydrant	8230040	1.000	Ea
2390	Gate Valve and Box, 6 inch	8230051	1.000	Ea

2400	Gate Valve and Box, 8 inch	8230052	1.000	Ea
2410	Hydrant, Rem	8230091	1.000	Ea
2420	Water Main, DI, 6 inch, Tr Det G	8230151	31.000	Ft
2430	Water Main, DI, 8 inch, Tr Det G	8230156	244.000	Ft
2440	Gate Box, Adj, Temp, Case 1	8230391	4.000	Ea
2450	Gate Box, Adj, Case 1	8230431	1.000	Ea
2460	_ Water Main, HDPE, 8 inch, Directional Bore	8237001	94.000	Ft
2470	Contractor Staking	8240001	1.000	LSUM
2480	Staking Plan Errors and Extras, Max \$180/hour	8240002	60.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 011

Letting Date: November 5, 2021

Contract ID: 82071-211623

Description: Bridge rehabilitation includes scaling, plywood false decking and lateral bracing on various routes in the cities of Melvindale and Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211623A	N/A	N/A	M 82071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$156,200.00	1100001	1.000	LSUM
0020	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0030	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0040	Lighted Arrow, Type C, Furn	8120140	6.000	Ea
0050	Lighted Arrow, Type C, Oper	8120141	6.000	Ea
0060	Ltg for Night Work	8120160	1.000	LSUM
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Mobile Attenuator	8120180	11.000	Ea
0090	Plastic Drum, Fluorescent, Furn	8120252	300.000	Ea
0100	Plastic Drum, Fluorescent, Oper	8120253	300.000	Ea
0110	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0120	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0130	Sign, Type B, Temp, Prismatic, Furn	8120350	1,404.000	Sft
0140	Sign, Type B, Temp, Prismatic, Oper	8120351	1,404.000	Sft
0150	Traf Regulator Control	8120370	1.000	LSUM

Section: 2

0160	Structures, Rehabilitation, Rem Portions (P02 of 82195)	7120070	1.000	LSUM
0170	Structures, Rehabilitation, Rem Portions (R02 of 82123)	7120070	1.000	LSUM
0180	Structures, Rehabilitation, Rem Portions (R03 of 82123)	7120070	1.000	LSUM
0190	Structures, Rehabilitation, Rem Portions (S01 of 82252)	7120070	1.000	LSUM
0200	Structures, Rehabilitation, Rem Portions (S05 of 82252)	7120070	1.000	LSUM
0210	Structures, Rehabilitation, Rem Portions (S10-7 of 82252)	7120070	1.000	LSUM

	82123)			
0220	Structures, Rehabilitation, Rem Portions (S12 of 82123)	7120070	1.000	LSUM
0230	Structures, Rehabilitation, Rem Portions (S14-5 of 82111)	7120070	1.000	LSUM
0240	Structures, Rehabilitation, Rem Portions (S20 of 82122)	7120070	1.000	LSUM
0250	Structures, Rehabilitation, Rem Portions (S25 of 82112)	7120070	1.000	LSUM
0260	Structures, Rehabilitation, Rem Portions (S25 of 82194)	7120070	1.000	LSUM
0270	Structures, Rehabilitation, Rem Portions (S38 of 82123)	7120070	1.000	LSUM
0280	Structures, Rehabilitation, Rem Portions (S50 of 82123)	7120070	1.000	LSUM
0290	_ Deck, Scaling	7127010	29,742.000	Sft

Schedule of Pay Items

Report v1

Letting Call: 211105 012

Letting Date: November 5, 2021

Contract ID: 28013-207196

Description: 0.93 mi of hot mix asphalt cold milling and resurfacing, center median island construction with curb and gutter, guardrail and drainage improvements and pavement markings on US-31/M-72 from north of Holiday Road northerly to Five Mile Road in the city of Traverse City, Grand Traverse County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
207196A	21A1022	N/A	HSIP 28013

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Railroad Protection, at Grade Crossing, Great Lakes Central Railroad	1027060	18,000.000	Dlr
0020	Mobilization, Max \$137,500.00	1100001	1.000	LSUM
0030	Clearing	2010001	0.100	Acre
0040	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0050	Dr Structure, Rem	2030011	6.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	66.000	Ft
0070	Curb and Gutter, Rem	2040020	1,556.000	Ft
0080	Guardrail, Rem	2040035	1,159.000	Ft
0090	Ditch Cleanout	2050006	32.000	Sta
0100	Embankment, CIP	2050010	430.000	Cyd
0110	Excavation, Earth	2050016	4,909.000	Cyd
0120	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0130	Subgrade Undercutting, Type II	2050041	250.000	Cyd
0140	Erosion Control, Check Dam, Stone	2080012	400.000	Ft
0150	Erosion Control, Gravel Access Approach	2080016	2.000	Ea
0160	Erosion Control, Inlet Protection, Fabric Drop	2080020	17.000	Ea
0170	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0180	Erosion Control, Maintenance, Sediment Rem	2080026	40.000	Cyd
0190	Erosion Control, Sediment Basin	2080032	5.000	Cyd
0200	Erosion Control, Sediment Trap	2080034	15.000	Ea
0210	Erosion Control, Silt Fence	2080036	5,265.000	Ft
0220	Subbase, CIP	3010002	970.000	Cyd
0230	Aggregate Base	3020001	2,701.000	Ton
0240	Shld, CI II	3070121	672.000	Ton
0250	Culv End Sect, 12 inch	4010012	1.000	Ea
0260	Dr Marker Post	4011109	18.000	Ea

0270	Sewer, CI A, 12 inch, Tr Det B	4020033	128.000	Ft
0280	Sewer Tap, 12 inch	4021204	5.000	Ea
0290	Video Taping Sewer and Culv Pipe	4021275	87.000	Ft
0300	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0310	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0320	Dr Structure Cover, Type B	4030010	1.000	Ea
0330	Dr Structure Cover, Type K	4030050	6.000	Ea
0340	Dr Structure, 24 inch dia	4030200	1.000	Ea
0350	Dr Structure, 48 inch dia	4030210	6.000	Ea
0360	Underdrain, Subbase, 6 inch	4040063	1,216.000	Ft
0370	Underdrain, Subgrade, 6 inch	4040073	500.000	Ft
0380	Underdrain Outlet, 6 inch	4040093	80.000	Ft
0390	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0400	Cold Milling HMA Surface	5010002	23,044.000	Syd
0410	HMA Surface, Rem	5010005	5,108.000	Syd
0420	HMA Quality Initiative	5010007	9,764.000	Dlr
0430	Longit Joint Density Quality Initiative	5010018	22,028.000	Dlr
0440	Hand Patching	5010025	1,239.000	Ton
0450	HMA Approach	5010061	33.000	Ton
0460	HMA, 4EML	5012025	3,610.000	Ton
0470	Curb and Gutter, Conc, Det F4	8020038	1,543.000	Ft
0480	_ Curb and Gutter, Conc, Det F4, Modified	8027001	3,550.000	Ft
0490	Sidewalk, Conc, 6 inch	8030046	6,388.000	Sft
0500	Guardrail, Type B	8070000	13.000	Ft
0510	Guardrail, Type MGS-8	8070004	4,847.000	Ft
0520	Guardrail, Curved, Type B	8070010	25.000	Ft
0530	Guardrail Departing Terminal, Type B	8070050	1.000	Ea
0540	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0550	Guardrail Reflector	8070080	200.000	Ea
0560	Delineator Reflector, Green	8100133	6.000	Ea
0570	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	12.000	Ea
0580	Fdn, Wood Support, Rem	8100280	2.000	Ea
0590	Post Hole Through Conc for Steel Post	8100340	6.000	Ea
0600	Delineator, Rem	8100349	5.000	Ea
0610	Post, Flexible, Delineator	8100360	12.000	Ea
0620	Post, Rigid, Delineator	8100361	6.000	Ea
0630	Post, Steel, 3 lb	8100371	403.000	Ft
0640	Post, Wood, 4 inch by 6 inch	8100380	76.000	Ft
0650	Sign, Type II, Rem	8100397	2.000	Ea
0660	Sign, Type IIA	8100398	42.000	Sft
0670	Sign, Type III, Rem	8100403	23.000	Ea
0680	Sign, Type IIIA	8100404	12.000	Sft
0690	Sign, Type IIIB	8100405	116.000	Sft
0700	_ Enhanced Delineation, Bidirectional, Guardrail, Post	8107001	4,847.000	Ft

	Mtd			
0710	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	114.000	Ft
0720	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	420.000	Ft
0730	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	69.000	Ft
0740	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	21,289.000	Ft
0750	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,687.000	Ft
0760	Recessing Pavt Mrkg, Longit	8110450	15,536.000	Ft
0770	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	8.000	Ea
0780	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	8.000	Ea
0790	Delineator, Flexible, Temp, Furn	8120091	87.000	Ea
0800	Delineator, Flexible, Temp, Oper	8120092	87.000	Ea
0810	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0820	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0830	Minor Traf Devices	8120170	1.000	LSUM
0840	Pavt Mrkg Cover, Type R, Black	8120200	250.000	Ft
0850	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	19,178.000	Ft
0860	Plastic Drum, Fluorescent, Furn	8120252	175.000	Ea
0870	Plastic Drum, Fluorescent, Oper	8120253	175.000	Ea
0880	Sign Cover	8120310	10.000	Ea
0890	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0900	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0910	Sign, Type B, Temp, Prismatic, Furn	8120350	450.000	Sft
0920	Sign, Type B, Temp, Prismatic, Oper	8120351	450.000	Sft
0930	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	12.000	Sft
0940	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	12.000	Sft
0950	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	11,458.000	Ft
0960	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	18,626.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	8,069.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	8,612.000	Ft
0990	Riprap, Plain	8130010	100.000	Syd
1000	Fertilizer, Chemical Nutrient, CI A	8160020	465.000	Lb
1010	Mulch Blanket	8160027	9,804.000	Syd
1020	Seeding, Mixture TDS	8160037	449.000	Lb
1030	Topsoil Surface, Furn, 4 inch	8160062	9,804.000	Syd
1040	Monument Box	8210001	1.000	Ea
1050	Monument Preservation	8210010	6.000	Ea
1060	Centerline Corrugations, Milled, HMA	8220013	5,051.000	Ft
1070	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	7,112.000	Ft
1080	Contractor Staking	8240001	1.000	LSUM
1090	Staking Plan Errors and Extras, Max \$180/hour	8240002	15.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 211105 013**Letting Date:** November 5, 2021**Contract ID:** 32022-119066

Description: 4.18 mi of hot mix asphalt base crushing, shaping and resurfacing, intersection and geometric improvements, concrete curb and gutter, drainage and pavement markings on M-142 from Johnston Road to Ruth Road, Huron County. This project includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119066A	21A0954	N/A	ST 32022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$296,900.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.300	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0040	Stump, Rem, 19 inch to 36 inch	2020006	3.000	Ea
0050	Stump, Rem, 37 inch or Larger	2020007	1.000	Ea
0060	Stump, Rem, 6 inch to 18 inch	2020008	5.000	Ea
0070	Culv, Rem, Less than 24 inch	2030001	20.000	Ea
0080	Culv, Rem, 24 inch to 48 inch	2030002	12.000	Ea
0090	Culv, End, Rem, 24 inch to 48 inch	2030006	6.000	Ea
0100	Culv, End, Rem, Over 48 inch	2030007	1.000	Ea
0110	Dr Structure, Rem	2030011	1.000	Ea
0120	Sewer, Rem, 24 inch to 48 inch	2030016	312.000	Ft
0130	Curb and Gutter, Rem	2040020	117.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	5.000	Cyd
0150	Pavt, Rem	2040050	133.000	Syd
0160	Exploratory Investigation, Vertical	2040080	75.000	Ft
0170	Ditch Cleanout	2050006	74.000	Sta
0180	Embankment, CIP	2050010	2,802.000	Cyd
0190	Excavation, Earth	2050016	11,566.000	Cyd
0200	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0210	Subgrade Undercutting, Type II	2050041	500.000	Cyd
0220	Erosion Control, Check Dam, Stone	2080012	532.000	Ft
0230	Erosion Control, Gravel Access Approach	2080016	1.000	Ea
0240	Erosion Control, Inlet Protection, Fabric Drop	2080020	10.000	Ea
0250	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0260	Erosion Control, Maintenance, Sediment Rem	2080026	10.000	Cyd

0270	Erosion Control, Sediment Trap	2080034	38.000	Ea
0280	Erosion Control, Silt Fence	2080036	565.000	Ft
0290	Subbase, CIP	3010002	530.000	Cyd
0300	Aggregate Base	3020001	478.000	Ton
0310	HMA Base Crushing and Shaping	3050002	74,910.000	Syd
0320	Material, Surplus and Unsuitable, Rem, LM	3050010	100.000	Cyd
0330	Salv Crushed Material, LM	3050015	500.000	Cyd
0340	Maintenance Gravel, LM	3060021	300.000	Cyd
0350	Driveway Maintenance, Commercial	3062000	5.000	Ea
0360	Driveway Maintenance, Residential	3062001	15.000	Ea
0370	Intersection Maintenance	3062002	2.000	Ea
0380	Approach, CI I	3070001	101.000	Ton
0390	Approach, CI II	3070021	842.000	Ton
0400	_ Shld, CI II, Modified	3077031	4,843.000	Ton
0410	Culv End Sect, 12 inch	4010012	12.000	Ea
0420	Culv End Sect, 30 inch	4010030	2.000	Ea
0430	Culv End Sect, Footing	4010072	14.000	Ea
0440	Culv, CI A, 24 inch	4010134	42.000	Ft
0450	Culv, CI E, 30 inch	4010543	44.000	Ft
0460	Culv, CI E, 36 inch	4010544	8.000	Ft
0470	Culv, CI F, 12 inch	4010607	207.000	Ft
0480	Culv, CI F, 15 inch	4010608	284.000	Ft
0490	Culv, CI F, 18 inch	4010609	302.000	Ft
0500	Culv, CI F, 24 inch	4010610	489.000	Ft
0510	Culv, CI F, 48 inch	4010614	52.000	Ft
0520	Culv, CSP Arch, CI A, 42 inch by 29 inch	4010748	48.000	Ft
0530	Culv, Reinf Conc Ellip, HE CI IV, 38 inch by 60 inch	4010907	56.000	Ft
0540	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
0550	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	2.000	Ea
0560	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	1.000	Ea
0570	Culv, Slp End Sect, 1 on 6, 15 inch, Longit	4010949	14.000	Ea
0580	Culv, Slp End Sect, 1 on 6, 18 inch, Longit	4010951	12.000	Ea
0590	Culv, Slp End Sect, 1 on 6, 24 inch, Longit	4010955	12.000	Ea
0600	Culv, Slp End Sect, 1 on 6, 30 inch, Longit	4010959	2.000	Ea
0610	Culv, Slp End Sect, 1 on 6, 36 inch, Longit	4010961	2.000	Ea
0620	Culv, Slp End Sect, 1 on 6, 48 inch, Longit	4010965	2.000	Ea
0630	Culv, Slp End Sect, 1 on 6, 60 inch, Longit	4010969	1.000	Ea
0640	Culv, Slp End Sect, Arch Pipe, 1 on 6, 42 inch by 29 inch, Longit	4011023	2.000	Ea
0650	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
0660	Dr Marker Post	4011109	56.000	Ea
0670	_ Culv Cleanout	4017001	1,147.000	Ft
0680	Sewer, CI A, 15 inch, Tr Det B	4020034	93.000	Ft
0690	Sewer, CI A, 30 inch, Tr Det B	4020037	328.000	Ft

0700	Sewer, CI A, 36 inch, Tr Det B	4020038	16.000	Ft
0710	Sewer, CI A, 48 inch, Tr Det B	4020040	8.000	Ft
0720	Sewer Tap, 36 inch	4021209	1.000	Ea
0730	Sewer Tap, 48 inch	4021211	1.000	Ea
0740	Video Taping Sewer and Culv Pipe	4021275	4,919.000	Ft
0750	Dr Structure Cover, Adj, Case 1	4030005	3.000	Ea
0760	Dr Structure Cover, Type B	4030010	1.000	Ea
0770	Dr Structure Cover, Type G	4030040	4.000	Ea
0780	Dr Structure Cover, Type J	4030045	1.000	Ea
0790	Dr Structure Lead, Cleaning, 12 inch	4030112	43.000	Ft
0800	Dr Structure Lead, Cleaning, 18 inch	4030118	68.000	Ft
0810	Dr Structure Lead, Cleaning, 60 inch	4030160	128.000	Ft
0820	Dr Structure Lead, Cleaning, 84 inch	4030184	105.000	Ft
0830	Dr Structure, 60 inch dia	4030220	2.000	Ea
0840	Dr Structure, 72 inch dia	4030230	1.000	Ea
0850	Dr Structure, Cleaning	4030290	3.000	Ea
0860	Cold Milling HMA Surface	5010002	3,428.000	Syd
0870	HMA Surface, Rem	5010005	704.000	Syd
0880	HMA Quality Initiative	5010007	32,752.000	Dlr
0890	Longit Joint Density Quality Initiative	5010018	134,512.000	Dlr
0900	Pavt Joint and Crack Repr, Det 7	5010020	375.000	Ft
0910	Hand Patching	5010025	42.000	Ton
0920	HMA Approach	5010061	1,370.000	Ton
0930	HMA, 4EML	5012025	8,614.000	Ton
0940	HMA, 5EML	5012037	6,350.000	Ton
0950	_ Ride Incentive	5017060	29,454.000	Dlr
0960	Driveway, Nonreinf Conc, 6 inch	8010005	34.000	Syd
0970	Curb and Gutter, Conc, Det B2	8020016	784.000	Ft
0980	Curb and Gutter, Conc, Det D2	8020031	248.000	Ft
0990	Driveway Opening, Conc, Det M	8020050	97.000	Ft
1000	Shld Gutter, Conc, Det 2	8020056	3.000	Ea
1010	Shld Gutter, Conc, Det 3	8020057	5.000	Ea
1020	Spillway, Conc	8020075	52.000	Ft
1030	Post, Mailbox	8070095	14.000	Ea
1040	Delineator Reflector, Green	8100133	11.000	Ea
1050	Post, Rigid, Delineator	8100361	11.000	Ea
1060	Post, Steel, 3 lb	8100371	1,206.000	Ft
1070	Post, Wood, 4 inch by 6 inch	8100380	78.000	Ft
1080	Sign, Type II, Rem	8100397	5.000	Ea
1090	Sign, Type IIA	8100398	24.000	Sft
1100	Sign, Type III, Erect, Salv	8100402	28.000	Ea
1110	Sign, Type III, Rem	8100403	76.000	Ea
1120	Sign, Type IIIA	8100404	143.000	Sft
1130	Sign, Type IIIB	8100405	173.000	Sft
1140	Sign, Type VB	8100425	12.000	Sft

1150	Reflective Panel for Permanent Sign Support, 6 foot	8100616	12.000	Ea
1160	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	2.000	Ea
1170	Pavt Mrkg, Waterborne, 4 inch, White	8110231	90,500.000	Ft
1180	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,470.000	Ft
1190	Pavt Mrkg, Waterborne, 6 inch, White	8110233	43,880.000	Ft
1200	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	8,520.000	Ft
1210	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	90,500.000	Ft
1220	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	11,470.000	Ft
1230	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	43,880.000	Ft
1240	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	8,520.000	Ft
1250	Recessing Pavt Mrkg, Longit	8110450	52,470.000	Ft
1260	Recessing Pavt Mrkg, Transv	8110451	76.000	Sft
1270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
1280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
1290	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	450.000	Ea
1300	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	450.000	Ea
1310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1330	Minor Traf Devices	8120170	1.000	LSUM
1340	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,100.000	Ft
1350	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
1360	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
1370	Sign Cover	8120310	133.000	Ea
1380	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1390	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1400	Sign, Type B, Temp, Prismatic, Furn	8120350	1,575.000	Sft
1410	Sign, Type B, Temp, Prismatic, Oper	8120351	1,575.000	Sft
1420	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	364.000	Sft
1430	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	364.000	Sft
1440	Traf Regulator Control	8120370	1.000	LSUM
1450	Rumble Strip, Temp, Portable, Furn	8122188	24.000	Ea
1460	Rumble Strip, Temp, Portable, Oper	8122189	24.000	Ea
1470	Riprap, Plain	8130010	130.000	Syd
1480	Site Preparation, Max \$1,200.00	8150001	1.000	LSUM
1490	Watering and Cultivating, First Season, Min \$600.00	8150002	1.000	LSUM
1500	Watering and Cultivating, 2nd Season, Min \$800.00	8150003	1.000	LSUM
1510	Acer rubrum, 2 inch	8150149	3.000	Ea
1520	Rhus aromatica 'Gro-Low', #2 cont.	8153166	10.000	Ea
1530	Ulmus x 'Pioneer', 2 inch	8153963	3.000	Ea
1540	Slope Restoration, Non-Freeway, Type A	8162001	19,956.000	Syd
1550	Slope Restoration, Non-Freeway, Type B	8162002	34,648.000	Syd
1560	Slope Restoration, Non-Freeway, Type C	8162003	472.000	Syd

1570	Slope Restoration, Non-Freeway, Type D	8162004	96.000	Syd
1580	Monument Box	8210001	7.000	Ea
1590	Monument Preservation	8210010	7.000	Ea
1600	Centerline Corrugations, Milled, HMA	8220013	20,591.000	Ft
1610	Contractor Staking	8240001	1.000	LSUM
1620	Staking Plan Errors and Extras, Max \$180/hour	8240002	32.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 014

Letting Date: November 5, 2021

Contract ID: 13022-211822

Description: 58.09 mi of sign upgrades at appropriate stop control rural intersection includes installation of delineator reflectors, stop signs, stop ahead signs, cross traffic does not stop signs, two-directional arrows signs and reflective panels for permanent sign supports on M-60 at various locations, St Joseph, Branch and Calhoun Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211822A	21A1016	N/A	HSIP 13022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$17,700.00	1100001	1.000	LSUM
0020	Delineator Reflector, Green	8100133	145.000	Ea
0030	Delineator Reflector, White	8100134	202.000	Ea
0040	Fdn, Wood Support, Rem	8100280	2.000	Ea
0050	Delineator, Rem	8100349	96.000	Ea
0060	Post, Rigid, Delineator	8100361	246.000	Ea
0070	Post, Steel, 3 lb	8100371	11,434.000	Ft
0080	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
0090	Post, Wood, 6 inch by 8 inch	8100382	38.000	Ft
0100	Sign, Type II, Rem	8100397	21.000	Ea
0110	Sign, Type IIB	8100399	48.000	Sft
0120	Sign, Type III, Erect, Salv	8100402	45.000	Ea
0130	Sign, Type III, Rem	8100403	235.000	Ea
0140	Sign, Type IIIA	8100404	1,620.000	Sft
0150	Sign, Type IIIB	8100405	1,575.000	Sft
0160	Sign, Type VA	8100424	32.000	Sft
0170	Sign, Type VB	8100425	240.000	Sft
0180	Reflective Panel for Permanent Sign Support, 3 foot	8100613	366.000	Ea
0190	Reflective Panel for Permanent Sign Support, 6 foot	8100616	410.000	Ea
0200	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0210	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	712.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	712.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM

0280	Contractor Staking	8240001	1.000	LSUM
0290	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 015

Letting Date: November 5, 2021

Contract ID: 82251-208031

Description: 2.10 mi of full depth concrete pavement repairs, minor spall repairs, joint resealing, concrete crack sealing, diamond grinding and grooving and pavement markings on I-75 from I-375 to Canfield Street northbound/Piquette Street southbound in the city of Detroit, Wayne County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208031A	N/A	N/A	M 82251

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$107,900.00	1100001	1.000	LSUM
0020	Erosion Control, Inlet Protection, Fabric Drop	2080020	40.000	Ea
0030	Dr Structure Cover, Adj, Case 1, Modified	4030004	10.000	Ea
0040	Dr Structure Cover, Type DX	4030030	10.000	Ea
0050	Dr Structure, Adj, Add Depth	4030280	5.000	Ft
0060	_ Asphalt Repr Mastic	5027001	200.000	Ft
0070	Cement	6030005	47.000	Ton
0080	Joint, Contraction, Crg	6030020	12,000.000	Ft
0090	Non-Chloride Accelerator	6030035	2,000.000	Gal
0100	Pavt Repr, Nonreinf Conc, 12 inch	6030052	3,000.000	Syd
0110	Pavt Repr, Rem	6030080	3,000.000	Syd
0120	Resealing Trans Joints with Hot-Poured Rubber	6030100	41,965.000	Ft
0130	Resealing Longit Joints with Hot-Poured Rubber	6030101	102,040.000	Ft
0140	Valley Gutter, Conc	8020060	200.000	Ft
0150	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	34,043.000	Ft
0160	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	19,157.000	Ft
0170	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	9,262.000	Ft
0180	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,250.000	Ft
0190	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0200	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	50.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	50.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	5.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	5.000	Ea
0240	Ltg for Night Work	8120160	1.000	LSUM
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Mobile Attenuator	8120180	4.000	Ea

0270	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	800.000	Ft
0280	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0290	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0300	Sign Cover	8120310	25.000	Ea
0310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0330	Sign, Type A, Temp, Prismatic, Furn	8120340	600.000	Sft
0340	Sign, Type A, Temp, Prismatic, Oper	8120341	600.000	Sft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	2,600.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	2,600.000	Sft
0370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	350.000	Sft
0380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	350.000	Sft
0390	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	800.000	Ft
0400	Speed Radar Trailer, Temp	8122028	2.000	Ea
0410	Conc Barrier-Mtd Temp Sign System, Furn	8122192	15.000	Ea
0420	Conc Barrier-Mtd Temp Sign System, Oper	8122193	15.000	Ea
0430	_ Permanent Traffic Recorder Loops Only	8207051	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 211105 016**Letting Date:** November 5, 2021**Contract ID:** 14062-213302**Description:** Installation of durable longitudinal pavement markings and mumble strips on various routes, Berrien, Cass and Van Buren Counties.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213302A	21A1035	N/A	HSIP 14062

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$105,300.00	1100001	1.000	LSUM
0020	Witness, Log, \$1,250.00	8110351	1.000	Dlr
0030	Recessing Pavt Mrkg, Longit	8110450	383,185.000	Ft
0040	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	321,985.000	Ft
0050	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	163,000.000	Ft
0060	Minor Traf Devices	8120170	1.000	LSUM
0070	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	484,985.000	Ft
0080	Sign, Type B, Temp, Prismatic, Furn	8120350	644.000	Sft
0090	Sign, Type B, Temp, Prismatic, Oper	8120351	644.000	Sft
0100	Traf Regulator Control	8120370	1.000	LSUM
0110	Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	8220035	90,180.000	Ft
0120	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	132,841.000	Ft
0130	_ Sinusoidal Corrugations, Milled, HMA Edgeline	8227001	175,502.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 211105 017

Letting Date: November 5, 2021

Contract ID: 74061-209207

Description: 7.74 mi of single chip seal, micro-surfacing, joint repair, shoulder gravel and pavement markings on M-46 from east of M-53 to west of M-19, Sanilac County. This project includes a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209207A	21A0964	N/A	NH 74061

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$111,100.00	1100001	1.000	LSUM
0020	_ Shld, CI II, Modified	3077031	2,460.000	Ton
0030	HMA Quality Initiative	5010007	480.000	Dlr
0040	Hand Patching	5010025	240.000	Ton
0050	_ Pavt Joint and Crack Repr, Det 7, Spec	5017001	1,660.000	Ft
0060	_ Pavt Joint and Crack Repr, Det 8, Spec	5017001	900.000	Ft
0070	Overband Crack Fill, Lane	5020003	15.750	Lnmi
0080	Micro-Surface, Single Cse, Warranty	5040020	142,390.000	Syd
0090	Seal, Single Chip	5050001	142,390.000	Syd
0100	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	84.000	Ft
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,000.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	20,500.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	20,500.000	Ft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	120.000	Ea
0170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	120.000	Ea
0180	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Sign Cover	8120310	4.000	Ea
0220	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0230	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0240	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0250	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0260	Traf Regulator Control	8120370	1.000	LSUM

0270	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	84,000.000	Ft
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	20,500.000	Ft
0290	Rumble Strip, Temp, Portable, Furn	8122188	12.000	Ea
0300	Rumble Strip, Temp, Portable, Oper	8122189	12.000	Ea
0310	Monument Box	8210001	7.000	Ea
0320	Monument Preservation	8210010	7.000	Ea
0330	Centerline Corrugations, Milled, HMA	8220013	42,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 211105 018

Letting Date: November 5, 2021

Contract ID: 28052-203987

Description: 17.28 mi of hot mix asphalt cold milling, intermittent shoulder repairs and resurfacing and pavement markings on M-37 from Peninsula Drive to south of Mapleton Lane, Grand Traverse County. This project includes a 3 year materials and workmanship pavement warranty and a 2 year pavement performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203987A	21A0974	N/A	ST 28052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$279,100.00	1100001	1.000	LSUM
0020	_ Trenching, Spec	3027002	25.000	Sta
0030	Shld, CI II	3070121	1,100.000	Ton
0040	Cold Milling HMA Surface	5010002	206,460.000	Syd
0050	HMA Quality Initiative	5010007	34,404.000	Dlr
0060	Longit Joint Density Quality Initiative	5010018	52,752.000	Dlr
0070	HMA, 5EL	5012036	17,202.000	Ton
0080	HMA, Ultra-Thin, Medium Volume, Warranty	5040101	137,075.000	Syd
0090	Curb Slp, HMA	8050010	8,035.000	Ft
0100	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0110	Pavt Mrkg, Waterborne, 6 inch, White	8110233	180,000.000	Ft
0120	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	105,500.000	Ft
0130	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	180,000.000	Ft
0140	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	105,500.000	Ft
0150	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0160	Pavt Mrkg, Polyurea, School	8110414	2.000	Ea
0170	Recessing Pavt Mrkg, Longit	8110450	180,000.000	Ft
0180	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0190	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0200	Minor Traf Devices	8120170	1.000	LSUM
0210	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,000.000	Ft
0220	Sign Cover, Type I	8120320	4.000	Ea
0230	Sign, Portable, Changeable Message, Furn	8120330	1.000	Ea
0240	Sign, Portable, Changeable Message, Oper	8120331	1.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	736.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	736.000	Sft

0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	180,000.000	Ft
0290	Monument Box	8210001	8.000	Ea
0300	Monument Preservation	8210010	8.000	Ea
0310	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	90,000.000	Ft

Schedule of Pay Items

Report v1

Letting Call: 211105 019

Letting Date: November 5, 2021

Contract ID: 63172-210594

Description: Traffic signal modernization, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on I-75 northbound off ramp at Chrysler Drive in the city of Auburn Hills, Oakland County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210594A	N/A	N/A	M 63172

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,700.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	224.000	Ft
0030	Guardrail, Rem	2040035	94.000	Ft
0040	Pavt, Rem	2040050	24.000	Syd
0050	Sidewalk, Rem	2040055	43.000	Syd
0060	Exploratory Investigation, Vertical	2040080	25.000	Ft
0070	Embankment, CIP	2050010	7.000	Cyd
0080	Excavation, Earth	2050016	33.000	Cyd
0090	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10.000	Cyd
0100	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0110	Erosion Control, Maintenance, Sediment Rem	2080026	2.000	Cyd
0120	Aggregate Base, 4 inch	3020010	268.000	Syd
0130	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0140	HMA Surface, Rem	5010005	174.000	Syd
0150	Hand Patching	5010025	3.000	Ton
0160	Conc Base Cse, Nonreinf, 7 inch	6020017	20.000	Syd
0170	Lane Tie, Epoxy Anchored	6030030	260.000	Ea
0180	_ Maintaining Water Sprinkler System	8007050	1.000	Ea
0190	Curb and Gutter, Conc, Det B1	8020015	15.000	Ft
0200	Curb and Gutter, Conc, Det F3	8020037	94.000	Ft
0210	Curb and Gutter, Conc, Det F4	8020038	30.000	Ft
0220	Detectable Warning Surface	8030010	55.000	Ft
0230	Curb Ramp Opening, Conc	8030030	87.000	Ft
0240	Sidewalk, Conc, 4 inch	8030044	1,050.000	Sft
0250	Curb Ramp, Conc, 4 inch	8032001	305.000	Sft
0260	Curb Ramp, Conc, 6 inch	8032002	340.000	Sft
0270	Guardrail, Type MGS-8	8070004	28.000	Ft

0280	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0290	Guardrail Reflector	8070080	2.000	Ea
0300	Post Hole Through Conc for Steel Post	8100340	2.000	Ea
0310	Post, Steel, 3 lb	8100371	32.000	Ft
0320	Sign, Type III, Rem	8100403	2.000	Ea
0330	Sign, Type VB	8100425	12.000	Sft
0340	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	410.000	Ft
0350	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	100.000	Ft
0360	Rem Spec Mrkg	8110343	305.000	Sft
0370	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0380	Pedestrian Type II Channelizer, Temp	8120027	100.000	Ft
0390	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	25.000	Ft
0430	Plastic Drum, Fluorescent, Furn	8120252	51.000	Ea
0440	Plastic Drum, Fluorescent, Oper	8120253	51.000	Ea
0450	Sign Cover	8120310	30.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	564.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	564.000	Sft
0480	Pedestrian Path, Temp	8122250	205.000	Ft
0490	Pedestrian Ramp, Temp	8122251	4.000	Ea
0500	_ Horticultural Work	8157040	3.000	Hr
0510	Slope Restoration, Non-Freeway, Type A	8162001	52.000	Syd
0520	Conduit, Rem	8182000	50.000	Ft
0530	Conduit, Directional Bore, 1, 3 inch	8182035	75.000	Ft
0540	Conduit, Directional Bore, 2, 3 inch	8182037	275.000	Ft
0550	Conduit, DB, 1, 1 1/2 inch	8182048	110.000	Ft
0560	Conduit, DB, 1, 3 inch	8182050	700.000	Ft
0570	Conduit, DB, 2, 3 inch	8182053	40.000	Ft
0580	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0590	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
0600	Cable, Sec, 600V, 1, 3/C#6	8182238	950.000	Ft
0610	Hh, Polymer Conc	8182309	2.000	Ea
0620	Hh, Round	8182310	11.000	Ea
0630	Hh, Round, 3 foot dia	8182319	1.000	Ea
0640	Hh, Rem	8182330	5.000	Ea
0650	Wood Pole	8182347	1.000	Ea
0660	Wood Pole, Rem	8182363	2.000	Ea
0670	Wood Pole, Fit Up, TS Cable Pole	8182387	1.000	Ea
0680	_ Conduit, DB, 1, 1 inch	8197001	20.000	Ft
0690	Case Sign, Rem	8200020	3.000	Ea
0700	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	1.000	Ea
0710	Controller and Cabinet, Rem	8200030	2.000	Ea
0720	Controller Fdn, Base Mtd	8200045	1.000	Ea

0730	Controller Fdn, Rem	8200046	1.000	Ea
0740	Fdn, Rem	8200065	4.000	Ea
0750	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
0760	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0770	Pedestal, Alum	8200100	3.000	Ea
0780	Pedestal, Fdn	8200105	4.000	Ea
0790	Pedestal Fdn, Rem	8200106	1.000	Ea
0800	Pedestal, Rem	8200110	1.000	Ea
0810	Pedestal, Underground Serv, Unmetered	8200112	1.000	Ea
0820	Power Co. (Est. Cost to Contractor)	8200116	500.000	Dlr
0830	Span Wire	8200140	2.000	Ea
0840	Span Wire, Rem	8200141	2.000	Ea
0850	Span Wire Tether	8200142	1.000	Ea
0860	Steel Pole, Rem	8200145	1.000	Ea
0870	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0880	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
0890	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0900	Cabinet, NEMA Type	8200186	1.000	Ea
0910	Warning Sign	8200260	2.000	Ea
0920	Warning Sign, Rem	8200261	1.000	Ea
0930	TS, One Way Span Wire Mtd (LED)	8200313	7.000	Ea
0940	TS, One Way Span Wire Mtd, FYA (LED)	8200314	1.000	Ea
0950	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
0960	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	1.000	Ea
0970	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0980	TS, One Way Pedestal Mtd (LED)	8200340	1.000	Ea
0990	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
1000	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1010	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
1020	Video Traf Detection System, Rem	8200383	1.000	Ea
1030	Video Traf Detection Camera, Rem	8200384	2.000	Ea
1040	Bracket, Truss, Rem	8200388	1.000	Ea
1050	Wireless Intercn, Closed Loop, Rem	8200396	1.000	Ea
1060	Hemispherical Video Detection Camera	8200444	2.000	Ea
1070	Hemispherical Video Detection System	8200445	1.000	Ea
1080	TS Head, Adj	8200452	6.000	Ea
1090	TS Face, Bag	8200458	12.000	Ea
1100	TS Face, Bag, Rem	8200459	12.000	Ea
1110	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
1120	Strain Pole, Steel, 6 bolt, 36 foot	8200461	2.000	Ea
1130	Strain Pole Fdn, 6 Bolt	8200470	44.000	Ft
1140	Casing	8200480	34.000	Ft

1150	Cellular Modem, TS, 4th G	8200498	1.000	Ea
1160	Mast Arm Std, Rem	8202005	1.000	Ea
1170	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
1180	_ TS, One Way Pedestal Mtd, FYA (LED)	8207050	1.000	Ea
1190	Contractor Staking	8240001	1.000	LSUM
1200	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
1210	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1220	Lightning Protection, Pole	8260021	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 020**Letting Date:** November 5, 2021**Contract ID:** 03035-204359

Description: Bridge rehabilitation including deep concrete overlay, full depth deck patching, expansion joint replacement, barrier patching, pin and hanger replacement, partial painting, substructure patching, slope protection repairs, concrete surface coating, silane treatment and bridge approach replacement on M-40 over I-196 in the city of Holland, Allegan County. This project includes a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204359A	21A0961	N/A	IM 03035

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$106,200.00	1100001	1.000	LSUM
0020	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0030	Curb and Gutter, Rem	2040020	88.000	Ft
0040	Pavt, Rem	2040050	225.000	Syd
0050	Excavation, Earth	2050016	320.000	Cyd
0060	_ Embankment, CIP, Spec	2057021	20.000	Cyd
0070	Erosion Control, Silt Fence	2080036	425.000	Ft
0080	Subbase, CIP	3010002	150.000	Cyd
0090	Aggregate Base, 6 inch	3020016	400.000	Syd
0100	Culv, Downspout, 15 inch	4010796	116.000	Ft
0110	Cold Milling HMA Surface	5010002	1,640.000	Syd
0120	Bump Grinding	5010004	150.000	Syd
0130	HMA Surface, Rem	5010005	425.000	Syd
0140	Hand Patching	5010025	2.000	Ton
0150	HMA Approach	5010061	185.000	Ton
0160	Joint, Expansion, E3	6020208	86.000	Ft
0170	Joint, Expansion, E4	6020209	20.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	205.000	Syd
0190	Reinforcement, Steel, Culv and Headwall	7060091	92.000	Lb
0200	Conc, Grade 3500	7062001	2.000	Cyd
0210	Downspout Header, Conc	8020070	2.000	Ea
0220	Curb and Gutter, Bridge Approach, Det 5	8022016	34.000	Ft
0230	Curb and Gutter, Bridge Approach, Det 7	8022018	42.000	Ft
0240	Guardrail, Reconst, Type B	8070105	610.000	Ft
0250	Guardrail, Reconst, Type T	8070109	200.000	Ft
0260	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	1,000.000	Ft

0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	1,300.000	Ft
0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0300	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
0310	Conc Barrier Ending, Temp, Det 2, Furn	8120041	2.000	Ea
0320	Conc Barrier Ending, Temp, Det 2, Oper	8120042	2.000	Ea
0330	Conc Barrier Ending, Temp, Det 5, Adj	8120060	1.000	Ea
0340	Conc Barrier Ending, Temp, Det 5, Furn	8120061	1.000	Ea
0350	Conc Barrier Ending, Temp, Det 5, Oper	8120062	1.000	Ea
0360	Conc Barrier, Temp, Adj	8120080	1,400.000	Ft
0370	Conc Barrier, Temp, Furn	8120081	1,400.000	Ft
0380	Conc Barrier, Temp, Oper	8120082	1,400.000	Ft
0390	Tubular Marker	8120097	25.000	Ea
0400	High Intensity Light, Type B, Furn	8120110	3.000	Ea
0410	High Intensity Light, Type B, Oper	8120111	3.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0440	Minor Traf Devices	8120170	1.000	LSUM
0450	Pavt Mrkg Cover, Type R, Black	8120200	5,000.000	Ft
0460	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,300.000	Ft
0470	Plastic Drum, Fluorescent, Furn	8120252	85.000	Ea
0480	Plastic Drum, Fluorescent, Oper	8120253	85.000	Ea
0490	PTS System, Temp, Furn	8120270	1.000	Ea
0500	PTS System, Temp, Oper	8120271	1.000	Ea
0510	Sign Cover	8120310	4.000	Ea
0520	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0530	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0540	Sign, Type B, Temp, Prismatic, Furn	8120350	988.000	Sft
0550	Sign, Type B, Temp, Prismatic, Oper	8120351	988.000	Sft
0560	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	5,300.000	Ft
0570	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,950.000	Ft
0580	Rumble Strip, Temp, Portable, Furn	8122188	18.000	Ea
0590	Rumble Strip, Temp, Portable, Oper	8122189	18.000	Ea
0600	Riprap, Plain	8130010	6.000	Syd
0610	Slope Restoration, Freeway, Type C	8162015	620.000	Syd
0620	Wood Pole, Cl 4, 35 foot	8182350	11.000	Ea
0630	Wood Pole, Rem	8182363	11.000	Ea
0640	Serv Disconnect	8182366	1.000	Ea
0650	Serv Disconnect, Rem	8182367	1.000	Ea
0660	Global Positioning System Module	8200050	1.000	Ea

0670	Global Positioning System Module, Rem	8200053	1.000	Ea
0680	Span Wire	8200140	5.000	Ea
0690	Span Wire, Rem	8200141	5.000	Ea
0700	Contractor Staking	8240001	1.000	LSUM
0710	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0720	HMA Patch, Rem	5010006	23.000	Syd
0730	Bridge Ltg, Furn and Rem (S06 OF 03035)	7060001	1.000	LSUM
0740	Bridge Ltg, Oper and Maintain	7060002	181.000	Cyd
0750	Expansion Joint Device	7060050	146.000	Ft
0760	False Decking	7060060	9,280.000	Sft
0770	Reinforcement, Steel, Epoxy Coated	7060092	4,100.000	Lb
0780	Sealing Localized Cracks (S06 OF 03035)	7060220	1.000	LSUM
0790	Conc, Grade 4500HP	7062004	28.000	Cyd
0800	Bushing	7070030	28.000	Ea
0810	Structural Steel, Plate, Erect	7070060	215.000	Lb
0820	Structural Steel, Plate, Furn and Fab	7070061	215.000	Lb
0830	Joint Waterproofing	7100001	153.000	Sft
0840	Conc Surface Coating, Warranty (S06 OF 03035)	7100009	1.000	LSUM
0850	_ Silane Treatment	7107010	1,920.000	Sft
0860	Scarifying	7120001	1,261.000	Syd
0870	Hand Chipping, Other Than Deck	7120007	75.000	Cft
0880	Patch, Full Depth	7120010	5.000	Cyd
0890	Patch, Forming	7120017	150.000	Sft
0900	Bridge Deck Surface Construction	7120025	1,261.000	Syd
0910	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	70.000	Ea
0920	Structures, Rehabilitation, Rem Portions (S06 OF 03035)	7120070	1.000	LSUM
0930	Deck Joint, Rem	7120071	153.000	Ft
0940	Hydrodemolition, First Pass	7120076	1,261.000	Syd
0950	Hydrodemolition, 2nd Pass	7120077	127.000	Syd
0960	Patching Conc, C-L	7120112	3.000	Cyd
0970	Embedded Galvanic Anode	7120120	266.000	Ea
0980	_ Conc, Deep Bridge Deck Ovly	7127021	181.000	Cyd
0990	Beam Plate, Seal Perimeter	7130010	174.000	Ft
1000	Hanger Assembly, Field Measurement	7130030	7.000	Ea
1010	Hanger Assembly, Rem and Erect	7130031	7.000	Ea
1020	Structural Steel, Furn and Fab, Pin and Hanger	7130070	2,230.000	Lb
1030	Support, Column, Temp	7130080	9.000	Ea
1040	Protective Shield, Utility Pipe	7150025	244.000	Ft
1050	Steel Structure, Cleaning, Partial, Type 4 (S06 OF 03035)	7150047	1.000	LSUM
1060	Steel Structure, Coating, Partial, Type 4 (S06 OF 03035)	7150048	1.000	LSUM
1070	Field Repr of Damaged Coating (S06 OF 03035)	7160001	1.000	LSUM

1080	Slope Paving Header	8130015	20.000	Ft
1090	Slope Paving, Conc	8130020	100.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 211105 021**Letting Date:** November 5, 2021**Contract ID:** 63071-210627**Description:** Traffic signal modernization on M-15 at I-75 ramps, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210627A	21A1012	N/A	STG 63071

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$38,200.00	1100001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	Erosion Control, Silt Fence	2080036	300.000	Ft
0040	_ Ornamental Fence, Install Salv	8087001	36.000	Ft
0050	_ Ornamental Fence, Rem and Salv	8087001	36.000	Ft
0060	Pedestrian Type II Barricade, Temp	8120026	18.000	Ea
0070	Pedestrian Type II Channelizer, Temp	8120027	71.000	Ft
0080	Conc Barrier, Temp, Furn	8120081	71.000	Ft
0090	Conc Barrier, Temp, Oper	8120082	71.000	Ft
0100	High Intensity Light, Type B, Furn	8120110	2.000	Ea
0110	High Intensity Light, Type B, Oper	8120111	2.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Plastic Drum, Fluorescent, Furn	8120252	97.000	Ea
0160	Plastic Drum, Fluorescent, Oper	8120253	97.000	Ea
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	271.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	271.000	Sft
0190	Pedestrian Path, Temp	8122250	52.000	Ft
0200	Pedestrian Ramp, Temp	8122251	2.000	Ea
0210	Slope Restoration, Non-Freeway, Type A	8162001	40.000	Syd
0220	Conduit, Rem	8182000	40.000	Ft
0230	Conduit, Directional Bore, 2, 3 inch	8182037	88.000	Ft
0240	Conduit, DB, 1, 1 1/2 inch	8182048	76.000	Ft
0250	Conduit, DB, 3, 3 inch	8182056	59.000	Ft
0260	Conduit, DB, 4, 3 inch	8182059	17.000	Ft
0270	Cable, Sec, 600V, 1, 3/C#6	8182238	725.000	Ft
0280	Hh, Polymer Conc	8182309	4.000	Ea
0290	Hh, Round	8182310	6.000	Ea

0300	Hh, Round, 3 foot dia	8182319	2.000	Ea
0310	Hh, Rem	8182330	3.000	Ea
0320	Wood Pole, Rem	8182363	4.000	Ea
0330	Serv Disconnect	8182366	3.000	Ea
0340	Serv Disconnect, Rem	8182367	2.000	Ea
0350	_ Conduit, DB, 1, 1 inch	8187001	24.000	Ft
0360	Case Sign, Rem	8200020	2.000	Ea
0370	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0380	Controller and Cabinet, Rem	8200030	2.000	Ea
0390	Controller Fdn, Base Mtd	8200045	2.000	Ea
0400	Global Positioning System Module	8200050	2.000	Ea
0410	Global Positioning System Module, Rem	8200053	2.000	Ea
0420	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	2.000	Ea
0430	Pedestal Fdn, Rem	8200106	1.000	Ea
0440	Pedestal, Rem	8200110	1.000	Ea
0450	Span Wire	8200140	6.000	Ea
0460	Span Wire, Rem	8200141	2.000	Ea
0470	Span Wire Tether	8200142	6.000	Ea
0480	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0490	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0500	TS, Span Wire Mtd, Rem	8200182	4.000	Ea
0510	Cabinet, NEMA Type	8200186	2.000	Ea
0520	TS, One Way Span Wire Mtd (LED)	8200313	14.000	Ea
0530	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
0540	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0550	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0560	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0570	Bracket, Truss, Rem	8200388	1.000	Ea
0580	Hemispherical Video Detection Camera	8200444	2.000	Ea
0590	Hemispherical Video Detection System	8200445	2.000	Ea
0600	Strain Pole, Steel, 6 bolt, 36 foot	8200461	7.000	Ea
0610	Strain Pole, Steel, 6 bolt, 40 foot	8200462	1.000	Ea
0620	Strain Pole Fdn, 6 Bolt	8200470	141.000	Ft
0630	Casing	8200480	113.000	Ft
0640	Cellular Modem, TS, 4th G	8200498	2.000	Ea
0650	Backplate, TS	8200501	16.000	Ea
0660	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
0670	Contractor Staking	8240001	1.000	LSUM
0680	Staking Plan Errors and Extras, Max \$180/hour	8240002	4.000	Hr
0690	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0700	Lightning Protection, Pole	8260021	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 022**Letting Date:** November 5, 2021**Contract ID:** 33031-210087

Description: 12.46 mi of hot mix asphalt cold milling and resurfacing, earthwork, drainage, aggregate base, guardrail, barrier wall, signing, pavement markings and bridge rehabilitation of 10 structures includes epoxy overlays, substructure repairs, deck patching, zone painting, joint repair and scour protection on US-127 from Huntoon Creek to M-36, Ingham County. This project includes a 5 year performance warranty for thin epoxy polymer bridge deck overlay, two 5 year materials and workmanship pavement warranties and a 3 year materials and workmanship pavement warranty. This is an OJT VIP Pilot Project. Please see Special Provision for Preparation and Consideration of Bids on On-the-Job-Training Voluntary Incentive Program Projects.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210087A	21A1026	N/A	RBMP 33031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Critical Path Method Schedule	1080005	15,000.000	Dlr
0020	Mobilization, Max \$5,495,200.00	1100001	1.000	LSUM
0030	Clearing	2010001	11.090	Acre
0040	Clearing, Fence	2010002	389.000	Sta
0050	Culv, Rem, Less than 24 inch	2030001	53.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	4.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	133.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	20.000	Ea
0090	Dr Structure, Abandon	2030010	1.000	Ea
0100	Dr Structure, Rem	2030011	29.000	Ea
0110	Sewer, Rem, Less than 24 inch	2030015	482.000	Ft
0120	Sewer, Rem, 24 inch to 48 inch	2030016	145.000	Ft
0130	Fence, Rem	2040025	97,260.000	Ft
0140	Guardrail, Rem	2040035	11,785.000	Ft
0150	Masonry and Conc Structure, Rem	2040045	84.000	Cyd
0160	Pavt, Rem	2040050	36,725.000	Syd
0170	Sidewalk, Rem	2040055	78.000	Syd
0180	Exploratory Investigation, Vertical	2040080	10.000	Ft
0190	Embankment, CIP	2050010	131,397.000	Cyd
0200	Excavation, Earth	2050016	251,081.000	Cyd
0210	Granular Blanket, Type 2	2050021	1,000.000	Cyd
0220	Subgrade Undercutting, Type IV	2050043	5,000.000	Cyd
0230	Flowable Fill, Non-Structural	2050148	60.000	Cyd
0240	Erosion Control, Check Dam, Stone	2080012	3,506.000	Ft

0250	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0260	Erosion Control, Inlet Protection, Fabric Drop	2080020	357.000	Ea
0270	Erosion Control, Inlet Protection, Sediment Trap	2080024	69.000	Ea
0280	Erosion Control, Maintenance, Sediment Rem	2080026	50.000	Cyd
0290	Erosion Control, Sand Bag	2080028	50.000	Ea
0300	Erosion Control, Sediment Trap	2080034	237.000	Ea
0310	Erosion Control, Silt Fence	2080036	13,615.000	Ft
0320	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	300.000	Syd
0330	_ Erosion Control, Check Dam, Stone, Spec	2087001	328.000	Ft
0340	_ Straw Wattle	2087001	2,150.000	Ft
0350	Project Cleanup	2090001	1.000	LSUM
0360	Subbase, CIP	3010002	49,788.000	Cyd
0370	Aggregate Base, 6 inch	3020016	235,791.000	Syd
0380	Aggregate Base, 8 inch	3020020	33,639.000	Syd
0390	Aggregate Base, 9 inch	3020022	27,500.000	Syd
0400	Aggregate Base, 10 inch	3020026	888.000	Syd
0410	Aggregate Base, 12 inch	3020030	364.000	Syd
0420	Shld, CI II, 7 inch	3070129	20,281.000	Syd
0430	_ Shld, CI II, 2 inch	3077011	3,267.000	Syd
0440	_ Shld, CI II, 3.5 inch	3077011	8,718.000	Syd
0450	_ Shld, CI II, 4 inch, Temp	3077011	800.000	Syd
0460	_ Shld, CI II, 6 inch, Temp	3077011	3,441.000	Syd
0470	_ Shld, CI II, 6.5 inch	3077011	74,939.000	Syd
0480	Road Grade Biaxial Geogrid	3082002	3,650.000	Syd
0490	Culv End Sect, 12 inch	4010012	14.000	Ea
0500	Culv End Sect, 18 inch	4010018	46.000	Ea
0510	Culv End Sect, 24 inch	4010024	48.000	Ea
0520	Culv End Sect, 36 inch	4010036	2.000	Ea
0530	Culv End Sect, Footing	4010072	81.000	Ea
0540	Culv, CI A, 24 inch	4010134	838.000	Ft
0550	Culv, CI A, Conc, 24 inch	4010168	24.000	Ft
0560	Culv, CI A, Conc, 36 inch	4010170	8.000	Ft
0570	Culv, CI E, 24 inch	4010542	56.000	Ft
0580	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	3.000	Ea
0590	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	12.000	Ea
0600	Dr Marker Post	4011109	98.000	Ea
0610	_ Culv Cleanout	4017001	500.000	Ft
0620	_ Cured-In-Place Pipe Lining, 18 inch	4017001	199.000	Ft
0630	Sewer, CI A, 12 inch, Tr Det A	4020004	23,659.000	Ft
0640	Sewer, CI A, 18 inch, Tr Det A	4020006	8,772.000	Ft
0650	Sewer, CI A, 24 inch, Tr Det A	4020007	2,846.000	Ft
0660	Sewer, CI A, 12 inch, Tr Det B	4020033	4,840.000	Ft
0670	Sewer, CI A, 18 inch, Tr Det B	4020035	3,283.000	Ft
0680	Sewer, CI A, 24 inch, Tr Det B	4020036	1,840.000	Ft
0690	Sewer, CI E, 12 inch, Tr Det B	4020600	1,205.000	Ft

0700	Sewer, CI E, 18 inch, Tr Det B	4020602	382.000	Ft
0710	Sewer, CI E, 24 inch, Tr Det B	4020603	153.000	Ft
0720	Sewer Tap, 24 inch	4021207	1.000	Ea
0730	Sewer Bulkhead, 15 inch	4021231	4.000	Ea
0740	Sewer Bulkhead, 18 inch	4021232	6.000	Ea
0750	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0760	Trench Undercut and Backfill	4021260	500.000	Cyd
0770	Video Taping Sewer and Culv Pipe	4021275	50,420.000	Ft
0780	_ Perforated Sewer 18 inch, Lightweight Backfill	4027001	271.000	Ft
0790	_ Perforated Sewer 24 inch, Lightweight Backfill	4027001	570.000	Ft
0800	_ Storm Sewer Cleanout	4027001	500.000	Ft
0810	Dr Structure Cover, Adj, Case 1	4030005	56.000	Ea
0820	Dr Structure Cover, Adj, Case 2	4030006	44.000	Ea
0830	Dr Structure Cover, Type B	4030010	48.000	Ea
0840	Dr Structure Cover, Type CX	4030020	5.000	Ea
0850	Dr Structure Cover, Type DX	4030030	4.000	Ea
0860	Dr Structure Cover, Type G	4030040	29.000	Ea
0870	Dr Structure Cover, Type W	4030080	23.000	Ea
0880	Dr Structure Cover, Type V	4030085	223.000	Ea
0890	Dr Structure Cover, Type VG	4030090	61.000	Ea
0900	Dr Structure, 24 inch dia	4030200	14.000	Ea
0910	Dr Structure, 48 inch dia	4030210	319.000	Ea
0920	Dr Structure, 60 inch dia	4030220	4.000	Ea
0930	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	31.000	Ft
0940	Dr Structure, Adj, Add Depth	4030280	44.000	Ft
0950	Dr Structure, Tap, 12 inch	4030312	15.000	Ea
0960	_ Dr Structure, Reconstruct	4037001	10.000	Ft
0970	_ Structure Cover Weigh Down, Temp	4037050	33.000	Ea
0980	Underdrain, Bank, 6 inch	4040003	1,000.000	Ft
0990	Underdrain, Pipe, Open-Graded, 6 inch	4040043	255,082.000	Ft
1000	Underdrain Outlet, 6 inch	4040093	18,734.000	Ft
1010	Video Inspection of Underdrain	4040200	255,082.000	Ft
1020	_ Underdrain Outlet Ending, Modified	4047050	415.000	Ea
1030	Pavt, Cleaning	5010001	1.000	LSUM
1040	Cold Milling HMA Surface	5010002	394,202.000	Syd
1050	HMA Surface, Rem	5010005	241,484.000	Syd
1060	HMA Quality Initiative	5010007	310,740.000	Dlr
1070	Longit Joint Density Quality Initiative	5010018	629,850.000	Dlr
1080	Pavt Joint and Crack Repr, Det 7	5010020	6,600.000	Ft
1090	Pavt Joint and Crack Repr, Det 8	5010021	1,320.000	Ft
1100	Hand Patching	5010025	462.000	Ton
1110	HMA Approach	5010061	19,292.000	Ton
1120	HMA, 2EMH	5012002	12,971.000	Ton
1130	HMA, 3EML	5012013	16,045.000	Ton

1140	HMA, 4EML	5012025	15,773.000	Ton
1150	HMA, 4EMH	5012026	42,647.000	Ton
1160	HMA, 5EML	5012037	12,774.000	Ton
1170	HMA, 5EMH	5012038	35,074.000	Ton
1180	HMA, Temp Pavt (3EML)	5012101	5,161.000	Ton
1190	HMA, Temp Pavt (4EML)	5012103	4,069.000	Ton
1200	HMA, Temp Pavt (5EML)	5012105	4,392.000	Ton
1210	_ Asphalt Stabilized Crack Relief Layer	5017031	52,620.000	Ton
1220	_ Ride Incentive	5017060	331,475.000	Dlr
1230	Conc Base Cse, Nonreinf, 9 inch	6020021	2,284.000	Syd
1240	Conc Pavt, Misc, Nonreinf, 7 inch	6020052	65.000	Syd
1250	Cold Milling Conc Pavt	6030014	1,185.000	Syd
1260	Joint, Contraction, Crg	6030020	3,344.000	Ft
1270	Pavt Repr, Nonreinf Conc, 13 inch	6030053	1,185.000	Syd
1280	Pavt Repr, Rem	6030080	1,185.000	Syd
1290	Steel Sheet Piling, Temp, Left in Place	7040003	1,700.000	Sft
1300	Reinforcement, Steel, Culv and Headwall	7060091	95.000	Lb
1310	Conc, Grade 3500	7062001	4.000	Cyd
1320	Reflective Marker, Permanent Barrier	7110003	286.000	Ea
1330	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	168.000	Ea
1340	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	190.000	Ea
1350	Filler Wall Conc	7120087	97.000	Cyd
1360	_ PTR Quartz and Piezo Sensors Four Lanes	8007051	1.000	LSUM
1370	Curb, Conc, Det G1	8020005	6,536.000	Ft
1380	Curb and Gutter, Conc, Det D2	8020031	1,124.000	Ft
1390	Valley Gutter, Conc	8020060	12,400.000	Ft
1400	Sidewalk, Conc, 7 inch	8030047	3,584.000	Sft
1410	Conc Barrier, Single Face, Type A	8040001	885.000	Ft
1420	Conc Barrier, Split, Type A	8040010	240.000	Ft
1430	Glare Screen, Conc	8040015	6,115.000	Ft
1440	_ Conc Barrier, Double Face, Type B, Modified, 0-1.0 Foot	8047001	6,115.000	Ft
1450	Guardrail, Type MGS-8	8070004	8,997.000	Ft
1460	Guardrail, Type MGS-8D	8070009	53,744.000	Ft
1470	Guardrail, Type MGS-8, Temp	8070013	813.000	Ft
1480	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
1490	Guardrail Anch, Median	8070035	10.000	Ea
1500	Guardrail Approach Terminal, Type 3B	8070038	12.000	Ea
1510	Guardrail Approach Terminal, Type 3T	8070039	1.000	Ea
1520	Guardrail Approach Terminal, Type 2M	8070044	21.000	Ea
1530	Guardrail Approach Terminal, Type 2M, Temp	8070049	10.000	Ea
1540	Guardrail Departing Terminal, Type MGS	8070052	14.000	Ea
1550	Guardrail Reflector	8070080	2,385.000	Ea
1560	Guardrail Anch, Bridge, Det M1	8070130	10.000	Ea
1570	Guardrail, Long Span, Det MGS-1	8072121	2.000	Ea

1580	Guardrail, Long Span, Det MGS-3	8072123	2.000	Ea
1590	Fence, Woven Wire with Wood Post	8080001	1,270.000	Ft
1600	Fence, Woven Wire with Steel Post	8080002	97,880.000	Ft
1610	Bridge Sign Connection, Bolt Replacement	8100020	16.000	Ea
1620	Bridge Sign Connection, Type A, Rem	8100080	9.000	Ea
1630	Column, Breakaway, W8 x 13	8100120	36.000	Ea
1640	Column, Breakaway, W8 x 18	8100121	14.000	Ea
1650	Delineator Reflector, Red	8100131	170.000	Ea
1660	Delineator Reflector, Green	8100133	36.000	Ea
1670	Delineator Reflector, White	8100134	650.000	Ea
1680	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	48.000	Ea
1690	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	10.000	Ea
1700	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	86.000	Ea
1710	Fdn, Breakaway, W8 x 13	8100160	36.000	Ea
1720	Fdn, Breakaway, W8 x 18	8100161	14.000	Ea
1730	Fdn, Column Breakaway, Rem	8100220	36.000	Ea
1740	Fdn, Wood Support, Rem	8100280	112.000	Ea
1750	Installing MDOT Supplied Sign, Type III	8100302	7.000	Ea
1760	Perforated Steel Square Tube Breakaway System	8100330	30.000	Ea
1770	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	29.000	Ea
1780	Delineator, Rem	8100349	600.000	Ea
1790	Post, Flexible, Delineator	8100360	92.000	Ea
1800	Post, Rigid, Delineator	8100361	674.000	Ea
1810	Post, Steel, 3 lb	8100371	3,448.000	Ft
1820	Post, Wood, 4 inch by 6 inch	8100380	818.000	Ft
1830	Post, Wood, 6 inch by 8 inch	8100382	614.000	Ft
1840	Sign, Type I, Rem	8100391	46.000	Ea
1850	Sign, Type IA	8100392	3,111.000	Sft
1860	Sign, Type II, Rem	8100397	72.000	Ea
1870	Sign, Type IIA	8100398	704.000	Sft
1880	Sign, Type IIB	8100399	251.000	Sft
1890	Sign, Type III, Rem	8100403	234.000	Ea
1900	Sign, Type IIIA	8100404	789.000	Sft
1910	Sign, Type IIIB	8100405	600.000	Sft
1920	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1930	Sign, Type VA	8100424	54.000	Sft
1940	Sign, Type VB	8100425	192.000	Sft
1950	Reflective Panel for Permanent Sign Support, 3 foot	8100613	62.000	Ea
1960	Reflective Panel for Permanent Sign Support, 6 foot	8100616	66.000	Ea
1970	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	6.000	Ea
1980	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	390.000	Ft
1990	Pavt Mrkg, Waterborne, 6 inch, White	8110233	179,252.000	Ft
2000	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	142,363.000	Ft

2010	Pavt Mrkg, Waterborne, 12 inch, White	8110237	8,873.000	Ft
2020	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	179,252.000	Ft
2030	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	142,363.000	Ft
2040	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	8,873.000	Ft
2050	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, White	8110381	35,394.000	Ft
2060	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	6.000	Ea
2070	Pavt Mrkg, Polyurea, Only	8110410	12.000	Ea
2080	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
2090	Recessing Pavt Mrkg, Longit	8110450	330,488.000	Ft
2100	Recessing Pavt Mrkg, Transv	8110451	390.000	Sft
2110	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	143,858.000	Ft
2120	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	8,873.000	Ft
2130	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	142,363.000	Ft
2140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	125.000	Ea
2150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	125.000	Ea
2160	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	25.000	Ea
2170	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	25.000	Ea
2180	Conc Barrier Ending, Temp, Det 2, Adj	8120040	27.000	Ea
2190	Conc Barrier Ending, Temp, Det 2, Furn	8120041	38.000	Ea
2200	Conc Barrier Ending, Temp, Det 2, Oper	8120042	38.000	Ea
2210	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	27.000	Ea
2220	Conc Barrier Reflector Replacement	8120070	200.000	Ea
2230	Conc Barrier, Temp, Furn	8120081	61,759.000	Ft
2240	Conc Barrier, Temp, Oper	8120082	61,759.000	Ft
2250	Conc Barrier, Temp, Relocated	8120083	76,619.000	Ft
2260	Culv, Temp	8120090	14.000	Ea
2270	Glare Screen, Temp	8120094	21,950.000	Ft
2280	Glare Screen, Temp, Relocated	8120095	21,473.000	Ft
2290	High Intensity Light, Type B, Furn	8120110	40.000	Ea
2300	High Intensity Light, Type B, Oper	8120111	40.000	Ea
2310	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
2320	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
2330	Minor Traf Devices	8120170	1.000	LSUM
2340	Mobile Attenuator	8120180	1.000	Ea
2350	Pavt Mrkg Cover, Type R, Black	8120200	4,000.000	Ft
2360	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	333,602.000	Ft
2370	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	15,970.000	Ft
2380	Plastic Drum, Fluorescent, Furn	8120252	1,605.000	Ea
2390	Plastic Drum, Fluorescent, Oper	8120253	1,605.000	Ea
2400	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
2410	PTS System, Temp, Furn	8120270	3.000	Ea
2420	PTS System, Temp, Oper	8120271	3.000	Ea

2430	Sign Cover	8120310	20.000	Ea
2440	Sign Cover, Type I	8120320	20.000	Ea
2450	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	7.000	Ea
2460	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	7.000	Ea
2470	Sign, Type B, Temp, Prismatic, Furn	8120350	8,781.000	Sft
2480	Sign, Type B, Temp, Prismatic, Oper	8120351	8,781.000	Sft
2490	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	1,255.000	Sft
2500	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	1,255.000	Sft
2510	Portable Water Filled Barrier, Furn	8120410	5,442.000	Ft
2520	Portable Water Filled Barrier, Oper	8120411	5,442.000	Ft
2530	Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8121000	6,330.000	Ft
2540	Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8121001	6,330.000	Ft
2550	Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8121002	6,330.000	Ft
2560	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	198,400.000	Ft
2570	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	157,300.000	Ft
2580	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	254,500.000	Ft
2590	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	269,100.000	Ft
2600	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	19,200.000	Ft
2610	Speed Radar Trailer, Temp	8122028	2.000	Ea
2620	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,080.000	Ft
2630	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
2640	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
2650	_ Barrier Gate, Temp, Furn	8127050	5.000	Ea
2660	_ Barrier Gate, Temp, Open/Close	8127050	10.000	Ea
2670	_ Barrier Gate, Temp, Oper	8127050	5.000	Ea
2680	_ Barrier Gate, Temp, Relocated	8127050	5.000	Ea
2690	_ Heavy Duty Wrecker	8127050	10.000	Ea
2700	_ Light Duty Wrecker	8127050	20.000	Ea
2710	_ Medium Duty Wrecker	8127050	10.000	Ea
2720	Riprap, Plain	8130010	1,155.000	Syd
2730	Ditch, Grouted Cobble	8140001	124.000	Syd
2740	Ditch, Plain Cobble	8140005	968.000	Syd
2750	Site Preparation, Max \$58,800.00	8150001	1.000	LSUM
2760	Watering and Cultivating, First Season, Min \$28,600.00	8150002	1.000	LSUM
2770	Watering and Cultivating, 2nd Season, Min \$35,300.00	8150003	1.000	LSUM
2780	Abies concolor, 6 foot	8150030	50.000	Ea
2790	Liquidambar styraciflua 'Goduzam', 1 1/2 inch	8152156	50.000	Ea
2800	Quercus imbricaria, 1 1/2 inch	8153070	50.000	Ea

2810	Thuja occidentalis 'Nigra', 6 foot	8153817	130.000	Ea
2820	Thuja occidentalis 'Techny', 6 foot	8153825	130.000	Ea
2830	Viburnum trilobum, #5 cont.	8154172	16.000	Ea
2840	_ Thuja occidentalis 'Smaragd', 6 foot	8157050	140.000	Ea
2850	_ Ulmus americana 'Jefferson', 1 1/2 inch	8157050	50.000	Ea
2860	Slope Restoration, Freeway, Type A	8162013	158,200.000	Syd
2870	Slope Restoration, Freeway, Type C	8162015	135,979.000	Syd
2880	Slope Restoration, Freeway, Type D	8162016	2,300.000	Syd
2890	Slope Restoration, Freeway, Type F	8162018	195,500.000	Syd
2900	Monument Box	8210001	2.000	Ea
2910	Freeway Shld Corrugations, Milled, HMA	8222001	229,835.000	Ft
2920	Contractor Staking	8240001	1.000	LSUM
2930	Staking Plan Errors and Extras, Max \$180/hour	8240002	583.000	Hr

Section: 2

2940	Asbestos Materials, Rem and Disposal	2040001	7,500.000	Dlr
2950	Excavation, Channel	2050015	340.000	Cyd
2960	_ Culvert Cleanout, Box	2057021	860.000	Cyd
2970	Backfill, Structure, CIP	2060002	16.000	Cyd
2980	Excavation, Fdn	2060010	5.000	Cyd
2990	Erosion Control, Turbidity Curtain, Shallow	2080044	160.000	Ft
3000	Joint, Pressure Relief	6020213	160.000	Ft
3010	False Decking	7060060	577.000	Sft
3020	Reinforcement, Steel, Epoxy Coated	7060092	5,237.000	Lb
3030	Conc, Grade 4500HP	7062004	8.000	Cyd
3040	Metal Mesh Panels	7070120	27,706.000	Sft
3050	Conc Surface Coating	7100011	661.000	Syd
3060	_ Silane Treatment	7107010	5,099.000	Sft
3070	Bridge Railing, Thrie Beam Retrofit	7110006	40.000	Ft
3080	Hand Chipping, Deep	7120004	20.000	Syd
3090	Hand Chipping, Other Than Deck	7120007	382.000	Cft
3100	Patch, Full Depth	7120010	17.000	Cyd
3110	Patch, Forming	7120017	1,013.000	Sft
3120	Epoxy Ovly, Rem	7120021	1,636.000	Syd
3130	Epoxy Ovly, Warranty	7120022	8,178.000	Syd
3140	Structures, Rehabilitation, Rem Portions (S01 of 33031)	7120070	1.000	LSUM
3150	Structures, Rehabilitation, Rem Portions (S03 of 33031)	7120070	1.000	LSUM
3160	Structures, Rehabilitation, Rem Portions (S10 of 33035)	7120070	1.000	LSUM
3170	Flushing Cracks, Water	7120098	355.000	Ft
3180	Structural Crack, Repr	7120099	355.000	Ft
3190	Top Flanges and Beam Ends, Clean and Coat	7120100	24.000	Syd
3200	Patching Conc, C-L	7120112	13.000	Cyd
3210	Embedded Galvanic Anode	7120120	451.000	Ea

3220	Hand Chipping, Full Depth	7122000	342.000	Cft
3230	_ Bridge Joints, Clean and Seal	7127001	724.000	Ft
3240	_ Deck, Scaling	7127010	2,950.000	Sft
3250	Beam Plate, Seal Perimeter	7130010	1,196.000	Ft
3260	Stiffeners, Furn, Fab, and Erect	7130060	77.000	Lb
3270	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	4,550.000	Lb
3280	Support, Column, Temp	7130080	1.000	Ea
3290	_ Pack Rust Repr	7137001	50.000	Ft
3300	Steel Structure, Cleaning, Partial, Type 4 (S01 of 33032)	7150047	1.000	LSUM
3310	Steel Structure, Cleaning, Partial, Type 4 (S01 of 33035)	7150047	1.000	LSUM
3320	Steel Structure, Cleaning, Partial, Type 4 (S02 of 33031)	7150047	1.000	LSUM
3330	Steel Structure, Cleaning, Partial, Type 4 (S02 of 33032)	7150047	1.000	LSUM
3340	Steel Structure, Cleaning, Partial, Type 4 (S03 of 33032)	7150047	1.000	LSUM
3350	Steel Structure, Cleaning, Partial, Type 4 (S10 of 33035)	7150047	1.000	LSUM
3360	Steel Structure, Coating, Partial, Type 4 (S01 of 33032)	7150048	1.000	LSUM
3370	Steel Structure, Coating, Partial, Type 4 (S01 of 33035)	7150048	1.000	LSUM
3380	Steel Structure, Coating, Partial, Type 4 (S02 of 33031)	7150048	1.000	LSUM
3390	Steel Structure, Coating, Partial, Type 4 (S02 of 33032)	7150048	1.000	LSUM
3400	Steel Structure, Coating, Partial, Type 4 (S03 of 33032)	7150048	1.000	LSUM
3410	Steel Structure, Coating, Partial, Type 4 (S10 of 33035)	7150048	1.000	LSUM
3420	Fence, Structure	8080110	1,939.000	Sft
3430	Fence, Moving	8080120	30.000	Ft
3440	_ Lane Separator System, White	8117001	180.000	Ft
3450	Slope Paving, Conc	8130020	143.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 211105 023**Letting Date:** November 5, 2021**Contract ID:** 63102-213118**Description:** 0.45 mi of high friction surface treatment on I-696 Westbound from Greenfield Road to Lincoln Drive in the city of Southfield, Oakland County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213118A	21A0969	N/A	HSIP 63102

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$26,800.00	1100001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	High Friction Surface Treatment	5060800	12,700.000	Syd
0040	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,500.000	Ft
0050	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	4,500.000	Ft
0060	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0070	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	3.000	Ea
0080	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	3.000	Ea
0090	Lighted Arrow, Type D, Furn	8120150	3.000	Ea
0100	Lighted Arrow, Type D, Oper	8120151	3.000	Ea
0110	Minor Traf Devices	8120170	1.000	LSUM
0120	Plastic Drum, Fluorescent, Furn	8120252	120.000	Ea
0130	Plastic Drum, Fluorescent, Oper	8120253	120.000	Ea
0140	Sign Cover	8120310	2.000	Ea
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	320.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	320.000	Sft



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Schedule of Pay Items

Report v1

Letting Call: 211105 024**Letting Date:** November 5, 2021**Contract ID:** 59032-210184**Description:** Bridge reconstruction including concrete deck replacement and substructure repair, silane treatment, guardrail and approach work on M-91 over Flat River, Montcalm County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210184A	N/A	N/A	M 59032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Conc Quality Initiative	10000030	1,600.000	Dlr
0020	Mobilization, Max \$59,700.00	1100001	1.000	LSUM
0030	Guardrail, Rem	2040035	404.000	Ft
0040	Pavt, Rem	2040050	420.000	Syd
0050	Excavation, Earth	2050016	280.000	Cyd
0060	_ Embankment, CIP, Spec	2057021	15.000	Cyd
0070	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0080	Erosion Control, Maintenance, Sediment Rem	2080026	5.000	Cyd
0090	Erosion Control, Sand Bag	2080028	25.000	Ea
0100	Erosion Control, Silt Fence	2080036	240.000	Ft
0110	Aggregate Base, 6 inch	3020016	425.000	Syd
0120	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0130	Bump Grinding	5010004	100.000	Syd
0140	HMA Surface, Rem	5010005	18.000	Syd
0150	HMA Quality Initiative	5010007	150.000	Dlr
0160	HMA Approach	5010061	75.000	Ton
0170	Joint, Expansion, E3	6020208	96.000	Ft
0180	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	212.000	Syd
0190	Curb and Gutter, Conc, Det D2	8020031	95.000	Ft
0200	Curb and Gutter, Bridge Approach, Det 5	8022016	80.000	Ft
0210	Guardrail, Type MGS-8	8070004	186.000	Ft
0220	Guardrail, Curved, Type B	8070010	120.000	Ft
0230	Guardrail, Curved, Type MGS-8	8070012	22.000	Ft
0240	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0250	Guardrail Reflector	8070080	28.000	Ea
0260	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0270	Delineator Reflector, Green	8100133	6.000	Ea
0280	Delineator, Rem	8100349	5.000	Ea

0290	Post, Rigid, Delineator	8100361	6.000	Ea
0300	Post, Steel, 3 lb	8100371	2,000.000	Ft
0310	Sign, Type II, Erect, Salv	8100396	1.000	Ea
0320	Sign, Type II, Rem	8100397	1.000	Ea
0330	Sign, Type III, Erect, Salv	8100402	7.000	Ea
0340	Sign, Type III, Rem	8100403	7.000	Ea
0350	Sign, Type IIIB	8100405	368.000	Sft
0360	Pavt Mrkg, Waterborne, 4 inch, White	8110231	111,430.000	Ft
0370	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	67,480.000	Ft
0380	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0390	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	250.000	Ft
0400	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	400.000	Ft
0410	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	160.000	Ft
0420	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	250.000	Ft
0430	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0440	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0450	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0460	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	50.000	Ea
0470	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	50.000	Ea
0480	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0490	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0500	Ltg for Night Work	8120160	1.000	LSUM
0510	Minor Traf Devices	8120170	1.000	LSUM
0520	Mobile Attenuator	8120180	2.000	Ea
0530	Plastic Drum, Fluorescent, Furn	8120252	24.000	Ea
0540	Plastic Drum, Fluorescent, Oper	8120253	24.000	Ea
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	125.000	Ft
0560	Sign Cover	8120310	20.000	Ea
0570	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	6.000	Ea
0580	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	6.000	Ea
0590	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
0600	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
0610	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0620	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0630	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	120.000	Sft
0640	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	120.000	Sft
0650	Traf Regulator Control	8120370	1.000	LSUM
0660	Speed Radar Trailer, Temp	8122028	1.000	Ea
0670	Temp Rumble Strips (Orange), Stop Condition	8122186	550.000	Ft
0680	Reflective Panel for Temp Sign Support, Furn	8122198	24.000	Ea
0690	Reflective Panel for Temp Sign Support, Oper	8122199	24.000	Ea
0700	Slope Restoration, Non-Freeway, Type E	8162005	400.000	Syd

0710	Contractor Staking	8240001	1.000	LSUM
0720	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

Section: 2

0730	Backfill, Structure, CIP	2060002	70.000	Cyd
0740	Excavation, Fdn	2060010	70.000	Cyd
0750	Underdrain, Fdn, 4 inch	4040031	52.000	Ft
0760	Underdrain Outlet, 4 inch	4040091	43.000	Ft
0770	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0780	Bridge Ltg, Furn and Rem (B02 of 59032)	7060001	1.000	LSUM
0790	Bridge Ltg, Oper and Maintain	7060002	86.000	Cyd
0800	False Decking	7060060	2,725.000	Sft
0810	Reinforcement, Steel, Epoxy Coated	7060092	24,640.000	Lb
0820	Substructure Conc, High Performance	7060101	17.000	Cyd
0830	Superstructure Conc, Form, Finish, and Cure (B02 of 59032)	7060111	1.000	LSUM
0840	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 59032)	7060112	1.000	LSUM
0850	Superstructure Conc, High Performance	7060116	12.000	Cyd
0860	Superstructure Conc, Night Casting, High Performance	7060117	86.000	Cyd
0870	Water Repellent Treatment, Penetrating	7060140	55.000	Syd
0880	Sealing Localized Cracks (B02 of 59032)	7060220	1.000	LSUM
0890	Joint Waterproofing	7100001	268.000	Sft
0900	_ Silane Treatment	7107010	694.000	Sft
0910	Bridge Railing, 4 Tube	7110010	103.000	Ft
0920	Hand Chipping, Other Than Deck	7120007	20.000	Cft
0930	Patch, Forming	7120017	60.000	Sft
0940	Structures, Rehabilitation, Rem Portions (B02 of 59032)	7120070	1.000	LSUM
0950	Patching Conc, C-L	7120112	2.000	Cyd
0960	Embedded Galvanic Anode	7120120	372.000	Ea
0970	Monument Preservation	8210010	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 025**Letting Date:** November 5, 2021**Contract ID:** 78042-200913

Description: Bridge rehabilitation including epoxy overlay, deck patching, substructure repair, partial painting, thrie beam retrofit and approach work on M-60/M-66 over Nottawa Creek, St. Joseph County. This project includes a 5 year epoxy performance warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200913A	21A0956	N/A	ST 78042

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,500.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Curb and Gutter, Rem	2040020	76.000	Ft
0040	Guardrail, Rem	2040035	619.000	Ft
0050	Pavt, Rem	2040050	30.000	Syd
0060	Excavation, Earth	2050016	265.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	265.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	Erosion Control, Silt Fence	2080036	220.000	Ft
0100	Subbase, CIP	3010002	178.000	Cyd
0110	Aggregate Base	3020001	84.000	Ton
0120	Shld, CI II	3070121	22.000	Ton
0130	HMA Surface, Rem	5010005	220.000	Syd
0140	Joint, Expansion, E3	6020208	90.000	Ft
0150	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	207.000	Syd
0160	Curb and Gutter, Bridge Approach, Det 5	8022016	74.000	Ft
0170	Guardrail, Type MGS-8	8070004	288.000	Ft
0180	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0190	Guardrail Reflector	8070080	12.000	Ea
0200	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0210	Delineator Reflector, Green	8100133	4.000	Ea
0220	Post, Rigid, Delineator	8100361	4.000	Ea
0230	Pavt Mrkg, Waterborne, 6 inch, White	8110233	400.000	Ft
0240	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	400.000	Ft
0250	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	400.000	Ft
0260	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	400.000	Ft
0270	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0300	Conc Barrier Ending, Temp, Det 5, Adj	8120060	2.000	Ea
0310	Conc Barrier Ending, Temp, Det 5, Furn	8120061	2.000	Ea
0320	Conc Barrier Ending, Temp, Det 5, Oper	8120062	2.000	Ea
0330	Conc Barrier, Temp, Adj	8120080	600.000	Ft
0340	Conc Barrier, Temp, Furn	8120081	600.000	Ft
0350	Conc Barrier, Temp, Oper	8120082	600.000	Ft
0360	Minor Traf Devices	8120170	1.000	LSUM
0370	Mobile Attenuator	8120180	2.000	Ea
0380	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	2,400.000	Ft
0390	Plastic Drum, Fluorescent, Furn	8120252	70.000	Ea
0400	Plastic Drum, Fluorescent, Oper	8120253	70.000	Ea
0410	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	48.000	Ft
0420	PTS System, Temp, Furn	8120270	1.000	Ea
0430	PTS System, Temp, Oper	8120271	1.000	Ea
0440	Sign Cover	8120310	4.000	Ea
0450	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0460	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0470	Sign, Type A, Temp, Prismatic, Furn	8120340	12.000	Sft
0480	Sign, Type A, Temp, Prismatic, Oper	8120341	12.000	Sft
0490	Sign, Type B, Temp, Prismatic, Furn	8120350	315.000	Sft
0500	Sign, Type B, Temp, Prismatic, Oper	8120351	315.000	Sft
0510	Fertilizer, Chemical Nutrient, CI A	8160020	7.000	Lb
0520	Seeding, Mixture THV	8160040	9.000	Lb
0530	Topsoil Surface, Furn, 4 inch	8160062	135.000	Syd
0540	_ Mulch Blanket, Modified	8167011	180.000	Syd
0550	_ Slope Restoration, Bonded Fiber Matrix	8167011	460.000	Syd
0560	Contractor Staking	8240001	1.000	LSUM
0570	Staking Plan Errors and Extras, Max \$180/hour	8240002	6.000	Hr

Section: 2

0580	Erosion Control, Turbidity Curtain, Deep	2080042	396.000	Ft
0590	False Decking	7060060	829.000	Sft
0600	Reinforcement, Steel, Epoxy Coated	7060092	622.000	Lb
0610	Sealing Localized Cracks (B05 of 78042)	7060220	1.000	LSUM
0620	Joint Waterproofing	7100001	155.000	Sft
0630	Bridge Railing, Thrie Beam Retrofit	7110006	140.000	Ft
0640	Hand Chipping, Deep	7120004	64.000	Syd
0650	Hand Chipping, Other Than Deck	7120007	414.000	Cft
0660	Patch, Full Depth	7120010	2.000	Cyd

0670	Patch, Forming	7120017	1,242.000	Sft
0680	Epoxy Ovly, Warranty	7120022	325.000	Syd
0690	Structures, Rehabilitation, Rem Portions (B05 of 78042)	7120070	1.000	LSUM
0700	Patching Conc, C-L	7120112	24.000	Cyd
0710	Embedded Galvanic Anode	7120120	319.000	Ea
0720	Hand Chipping, Full Depth	7122000	54.000	Cft
0730	_ Vertical and Overhead Structure Repr, Shotcrete	7127020	349.000	Cft
0740	Beam Plate, Seal Perimeter	7130010	65.000	Ft
0750	Steel Structure, Cleaning, Partial, Type 4 (B05 of 78042)	7150047	1.000	LSUM
0760	Steel Structure, Coating, Partial, Type 4 (B05 of 78042)	7150048	1.000	LSUM
0770	Drain Casting Assembly, Type 1	7172020	4.000	Ea
0780	Riprap, Plain	8130011	237.000	Ton



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 211105 026**Letting Date:** November 5, 2021**Contract ID:** 78022-213119

Description: Upgrade intersection signing includes stop, stop ahead, cross traffic does not stop and reflective panels on sign supports on various routes at several intersections, Berrien, Cass, St. Joseph and Van Buren Counties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
213119A	21A0970	N/A	HSIP 78022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,900.00	1100001	1.000	LSUM
0020	Post Hole Through Conc for Steel Post	8100340	8.000	Ea
0030	Post, Steel, 3 lb	8100371	8,036.000	Ft
0040	Sign, Type III, Rem	8100403	35.000	Ea
0050	Sign, Type IIIA	8100404	1,395.000	Sft
0060	Sign, Type IIIB	8100405	3,137.000	Sft
0070	Sign, Type VB	8100425	192.000	Sft
0080	Reflective Panel for Permanent Sign Support, 3 foot	8100613	636.000	Ea
0090	Reflective Panel for Permanent Sign Support, 6 foot	8100616	538.000	Ea
0100	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	40.000	Ea
0110	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	40.000	Ea
0120	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0130	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	536.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	536.000	Sft
0170	Contractor Staking	8240001	1.000	LSUM
0180	Staking Plan Errors and Extras, Max \$180/hour	8240002	3.000	Hr



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AASHTOWare Project™ Version 4.5 Revision 027

Schedule of Pay Items

Report v1

Letting Call: 211105 027**Letting Date:** November 5, 2021**Contract ID:** 07012-113714**Description:** Hot mix asphalt resurfacing carpool parking lot and approach paving, cold milling, grading and pavement markings on US-41 from south of US-41 and M-28/US-141 Junction, Baraga County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
113714A	21A0997	N/A	ST 07012

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$9,300.00	1100001	1.000	LSUM
0020	Excavation, Earth	2050016	250.000	Cyd
0030	Approach, CI I, 4 inch	3070006	10.000	Syd
0040	Approach, CI I, 6 inch	3070008	340.000	Syd
0050	Approach, CI II	3070021	50.000	Ton
0060	Shld, CI II	3070121	20.000	Ton
0070	Pavt for Butt Joints, Rem	5010008	710.000	Syd
0080	HMA Approach	5010061	352.000	Ton
0090	Post, Steel, 3 lb	8100371	20.000	Ft
0100	Sign, Type III, Rem	8100403	2.000	Ea
0110	Sign, Type IIIA	8100404	4.000	Sft
0120	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	2.000	Ea
0130	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	450.000	Ft
0140	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	19.000	Ea
0150	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	19.000	Ea
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	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0200	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0210	Sign Cover	8120310	2.000	Ea
0220	Sign, Type B, Temp, Prismatic, Furn	8120350	448.000	Sft
0230	Sign, Type B, Temp, Prismatic, Oper	8120351	448.000	Sft
0240	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	128.000	Sft
0250	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	128.000	Sft
0260	Riprap, Plain	8130010	15.000	Syd

0270	_ HMA Spillway	8147011	10.000	Syd
0280	Slope Restoration, Non-Freeway, Type B	8162002	225.000	Syd
0290	Contractor Staking	8240001	1.000	LSUM
0300	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 028

Letting Date: November 5, 2021

Contract ID: 11072-209726

Description: Bridge reconstruction includes superstructure replacement, substructure repairs, riprap, guardrail and approach work on M-140 over Paw Paw Lake Outlet, Berrien County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209726A	21A0999	N/A	ST 11072

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Conc Quality Initiative	10000030	2,048.000	Dlr
0020	Mobilization, Max \$72,500.00	1100001	1.000	LSUM
0030	Clearing	2010001	0.040	Acre
0040	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0050	Dr Structure, Rem	2030011	4.000	Ea
0060	Sewer, Rem, Less than 24 inch	2030015	95.000	Ft
0070	Curb and Gutter, Rem	2040020	10.000	Ft
0080	Guardrail, Rem	2040035	892.000	Ft
0090	Masonry and Conc Structure, Rem	2040045	4.000	Cyd
0100	Pavt, Rem	2040050	368.000	Syd
0110	Embankment, CIP	2050010	46.000	Cyd
0120	Excavation, Earth	2050016	250.000	Cyd
0130	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0140	Erosion Control, Silt Fence	2080036	658.000	Ft
0150	Project Cleanup	2090001	1.000	LSUM
0160	Subbase, CIP	3010002	100.000	Cyd
0170	Aggregate Base, 6 inch	3020016	402.000	Syd
0180	_ Aggregate Base, 22 inch	3027011	101.000	Syd
0190	Shld, CI II, 3 inch	3070125	40.000	Syd
0200	Shld, CI II, 4 inch	3070126	16.000	Syd
0210	Trenching	3070200	2.000	Sta
0220	Culv End Sect, 12 inch	4010012	1.000	Ea
0230	Dr Marker Post	4011109	5.000	Ea
0240	Sewer, CI A, 12 inch, Tr Det B	4020033	60.000	Ft
0250	Dr Structure Cover, Type D	4030025	2.000	Ea
0260	Dr Structure, 24 inch dia	4030200	1.000	Ea
0270	Dr Structure, 48 inch dia	4030210	1.000	Ea
0280	Underdrain, Subgrade, 6 inch	4040073	161.000	Ft

0290	Underdrain Outlet, 6 inch	4040093	85.000	Ft
0300	Underdrain, Outlet Ending, 6 inch	4040113	4.000	Ea
0310	Video Inspection of Underdrain	4040200	363.000	Ft
0320	Cold Milling HMA Surface	5010002	417.000	Syd
0330	HMA Surface, Rem	5010005	243.000	Syd
0340	HMA Quality Initiative	5010007	244.000	Dlr
0350	Longit Joint Density Quality Initiative	5010018	159.000	Dlr
0360	HMA, 3EL	5012012	31.000	Ton
0370	HMA, 4EL	5012024	27.000	Ton
0380	HMA, 4EML	5012025	64.000	Ton
0390	Joint, Expansion, E3	6020208	92.000	Ft
0400	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	227.000	Syd
0410	Curb and Gutter, Bridge Approach, Det 5	8022016	138.000	Ft
0420	Guardrail, Type MGS-8	8070004	763.000	Ft
0430	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0440	Guardrail Reflector	8070080	25.000	Ea
0450	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0460	Delineator Reflector, Green	8100133	6.000	Ea
0470	Post, Rigid, Delineator	8100361	6.000	Ea
0480	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	58.000	Ft
0490	Pavt Mrkg, Waterborne, 6 inch, White	8110233	466.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	58.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	466.000	Ft
0520	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	25.000	Ft
0530	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	250.000	Ft
0540	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0550	Recessing Pavt Mrkg, Longit	8110450	300.000	Ft
0560	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0570	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0580	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0590	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0600	Minor Traf Devices	8120170	1.000	LSUM
0610	Plastic Drum, Fluorescent, Furn	8120252	25.000	Ea
0620	Plastic Drum, Fluorescent, Oper	8120253	25.000	Ea
0630	Sign, Type B, Temp, Prismatic, Furn	8120350	1,311.000	Sft
0640	Sign, Type B, Temp, Prismatic, Oper	8120351	1,311.000	Sft
0650	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	280.000	Sft
0660	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	280.000	Sft
0670	Traf Regulator Control	8120370	1.000	LSUM
0680	Fertilizer, Chemical Nutrient, CI B	8160021	32.000	Lb
0690	Seeding, Mixture THV	8160040	58.000	Lb
0700	Topsoil Surface, Furn, 4 inch	8160062	1,280.000	Syd
0710	_ Mulch Blanket, Modified	8167011	1,280.000	Syd

0720	Contractor Staking	8240001	1.000	LSUM
0730	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0740	Backfill, Structure, CIP	2060002	17.000	Cyd
0750	Excavation, Fdn	2060010	33.000	Cyd
0760	Erosion Control, Turbidity Curtain, Deep	2080042	100.000	Ft
0770	Underdrain, Fdn, 4 inch	4040031	202.000	Ft
0780	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0790	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0800	Bridge Ltg, Furn and Rem (B02 of 11072)	7060001	1.000	LSUM
0810	Bridge Ltg, Oper and Maintain	7060002	93.000	Cyd
0820	Expansion Joint Device	7060050	46.000	Ft
0830	False Decking	7060060	3,594.000	Sft
0840	Reinforcement, Steel, Epoxy Coated	7060092	20,450.000	Lb
0850	Substructure Conc, High Performance	7060101	19.000	Cyd
0860	Superstructure Conc, Form, Finish, and Cure (B02 of 11072)	7060111	1.000	LSUM
0870	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 11072)	7060112	1.000	LSUM
0880	Superstructure Conc, High Performance	7060116	12.000	Cyd
0890	Superstructure Conc, Night Casting, High Performance	7060117	93.000	Cyd
0900	Sealing Localized Cracks (B02 of 11072)	7060220	1.000	LSUM
0910	Bearing, Elastomeric, 2 inch	7070016	1,960.000	Sin
0920	Structural Steel, Mixed, Erect	7070050	619.000	Lb
0930	Structural Steel, Rolled Shape, Erect	7070070	29,000.000	Lb
0940	_ Structural Steel, Mixed, Furn and Fab, Galvanized	7077030	619.000	Lb
0950	_ Structural Steel, Rolled Shape, Furn and Fab, Galvanized	7077030	29,000.000	Lb
0960	_ Shear Developers, Galvanized (B02 of 11072)	7077051	1.000	LSUM
0970	Joint Waterproofing	7100001	237.000	Sft
0980	Joint Waterproofing, Expansion	7100003	71.000	Sft
0990	_ Silane Treatment	7107010	469.000	Sft
1000	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	80.000	Ft
1010	Hand Chipping, Other Than Deck	7120007	20.000	Cft
1020	Patch, Forming	7120017	60.000	Sft
1030	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	20.000	Ea
1040	Structures, Rehabilitation, Rem Portions (B02 of 11072)	7120070	1.000	LSUM
1050	Flushing Cracks, Water	7120098	55.000	Ft
1060	Structural Crack, Repr	7120099	55.000	Ft
1070	Patching Conc, C-L	7120112	1.000	Cyd
1080	Embedded Galvanic Anode	7120120	81.000	Ea
1090	Riprap, Plain	8130011	239.000	Ton
1100	Structure Survey During Construction	8240020	1.000	LSUM

Schedule of Pay Items

Report v1

Letting Call: 211105 029

Letting Date: November 5, 2021

Contract ID: 03041-212503

Description: Traffic signal installation, concrete curb and gutter, sidewalk, sidewalk ramps and pavement markings on M-222 at Eastern Avenue in the city of Allegan, Allegan County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
212503A	N/A	N/A	M 03041

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,000.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	81.000	Ft
0030	Pavt, Rem	2040050	18.000	Syd
0040	Sidewalk, Rem	2040055	41.000	Syd
0050	Exploratory Investigation, Vertical	2040080	50.000	Ft
0060	Excavation, Earth	2050016	4.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	8.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	4.000	Ea
0090	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	3.000	Ea
0100	Erosion Control, Silt Fence	2080036	50.000	Ft
0110	Aggregate Base, 6 inch	3020016	64.000	Syd
0120	Maintenance Gravel, LM	3060021	12.000	Cyd
0130	HMA Surface, Rem	5010005	18.000	Syd
0140	Hand Patching	5010025	6.000	Ton
0150	Lane Tie, Epoxy Anchored	6030030	78.000	Ea
0160	Pavt Repr, Nonreinf Conc, 7 inch	6030042	18.000	Syd
0170	Curb and Gutter, Conc, Det F4	8020038	41.000	Ft
0180	Detectable Warning Surface	8030010	20.000	Ft
0190	Curb Ramp Opening, Conc	8030030	40.000	Ft
0200	Curb Ramp, Conc, 6 inch	8032002	333.000	Sft
0210	Post, Steel, 3 lb	8100371	120.000	Ft
0220	Sign, Type III, Rem	8100403	2.000	Ea
0230	Sign, Type IIIB	8100405	36.000	Sft
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	232.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	67.000	Ft
0260	Rem Spec Mrkg	8110343	81.000	Sft
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	2.000	Ea

0280	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	2.000	Ea
0290	Pedestrian Type II Barricade, Temp	8120026	4.000	Ea
0300	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	100.000	Ea
0310	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	100.000	Ea
0320	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0330	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0340	Minor Traf Devices	8120170	1.000	LSUM
0350	Sign Cover	8120310	8.000	Ea
0360	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0380	Sign, Type A, Temp, Prismatic, Furn	8120340	25.000	Sft
0390	Sign, Type A, Temp, Prismatic, Oper	8120341	25.000	Sft
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Pedestrian Path, Temp	8122250	100.000	Ft
0440	Pedestrian Ramp, Temp	8122251	4.000	Ea
0450	_ Horticultural Work	8157040	12.000	Hr
0460	Slope Restoration, Non-Freeway, Type A	8162001	174.000	Syd
0470	Conduit, DB, 1, 1 1/2 inch	8182048	115.000	Ft
0480	Conduit, DB, 3, 3 inch	8182056	40.000	Ft
0490	Conduit, DB, 4, 3 inch	8182059	15.000	Ft
0500	Cable, Sec, 600V, 1, 3/C#6	8182238	75.000	Ft
0510	Hh, Polymer Conc	8182309	2.000	Ea
0520	Hh, Round	8182310	3.000	Ea
0530	Hh, Round, 3 foot dia	8182319	1.000	Ea
0540	Serv Disconnect	8182366	1.000	Ea
0550	_ Conduit, DB, 1, 1 inch	8187001	20.000	Ft
0560	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	4.000	Ea
0570	Controller Fdn, Base Mtd	8200045	1.000	Ea
0580	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
0590	Pedestal, Alum	8200100	2.000	Ea
0600	Pedestal, Fdn	8200105	3.000	Ea
0610	Power Co. (Est. Cost to Contractor)	8200116	15,116.000	Dlr
0620	Pedestal, Pushbutton, Alum	8200118	1.000	Ea
0630	Pushbutton and Sign	8200121	2.000	Ea
0640	Span Wire	8200140	4.000	Ea
0650	Span Wire Tether	8200142	4.000	Ea
0660	Cabinet, NEMA Type	8200186	1.000	Ea
0670	TS, One Way Span Wire Mtd (LED)	8200313	8.000	Ea
0680	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	1.000	Ea
0690	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea

0700	Bracket, Truss, With 18 Foot Arm	8200378	1.000	Ea
0710	Hemispherical Video Detection Camera	8200444	1.000	Ea
0720	Hemispherical Video Detection System	8200445	1.000	Ea
0730	Strain Pole, Steel, 6 bolt, 30 foot	8200460	1.000	Ea
0740	Strain Pole, Steel, 6 bolt, 36 foot	8200461	3.000	Ea
0750	Strain Pole Fdn, 6 Bolt	8200470	55.000	Ft
0760	Casing	8200480	41.000	Ft
0770	Cellular Modem, TS, 4th G	8200498	1.000	Ea
0780	Backplate, TS	8200501	8.000	Ea
0790	_ Controller, NEMA, ATC Type	8207050	1.000	Ea
0800	Contractor Staking	8240001	1.000	LSUM
0810	Staking Plan Errors and Extras, Max \$180/hour	8240002	5.000	Hr
0820	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
0830	Lightning Protection, Pole	8260021	1.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 030**Letting Date:** November 5, 2021**Contract ID:** 82121-201579**Description:** Traffic signal modernization and wireless vehicle detection system on various routes in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
201579A	21A0992	N/A	CPMG 82121

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$95,900.00	1100001	1.000	LSUM
0020	Curb, Rem	2040021	25.000	Ft
0030	Pavt, Rem	2040050	70.000	Syd
0040	Sidewalk, Rem	2040055	148.000	Syd
0050	Exploratory Investigation, Vertical	2040080	320.000	Ft
0060	Embankment, CIP	2050010	1.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0080	Erosion Control, Silt Fence	2080036	500.000	Ft
0090	Aggregate Base, 6 inch	3020016	21.000	Syd
0100	Trench Undercut and Backfill	4021260	20.000	Cyd
0110	Hand Patching	5010025	4.000	Ton
0120	_ Cellular Modem, Rem and Salv	8007050	3.000	Ea
0130	_ Hh, Clean	8007050	3.000	Ea
0140	Curb, Conc, Det E4	8020004	25.000	Ft
0150	Sidewalk, Conc, 6 inch	8030046	150.000	Sft
0160	Band, Sign	8100010	65.000	Ea
0170	Perforated Steel Square Tube Breakaway System	8100330	5.000	Ea
0180	Sign, Type III, Erect, Salv	8100402	32.000	Ea
0190	Sign, Type III, Rem	8100403	29.000	Ea
0200	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	350.000	Ft
0210	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	135.000	Ft
0220	Rem Spec Mrkg	8110343	60.000	Sft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	24.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	24.000	Ea
0250	Pedestrian Type II Barricade, Temp	8120026	12.000	Ea
0260	Lighted Arrow, Type C, Furn	8120140	4.000	Ea

0270	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	850.000	Ft
0300	Plastic Drum, Fluorescent, Furn	8120252	125.000	Ea
0310	Plastic Drum, Fluorescent, Oper	8120253	125.000	Ea
0320	Sign Cover	8120310	4.000	Ea
0330	Sign, Type A, Temp, Prismatic, Furn	8120340	64.000	Sft
0340	Sign, Type A, Temp, Prismatic, Oper	8120341	64.000	Sft
0350	Sign, Type B, Temp, Prismatic, Furn	8120350	1,000.000	Sft
0360	Sign, Type B, Temp, Prismatic, Oper	8120351	1,000.000	Sft
0370	Pedestrian Path, Temp	8122250	40.000	Ft
0380	Pedestrian Ramp, Temp	8122251	8.000	Ea
0390	Conduit, Rem	8182000	65.000	Ft
0400	Conduit, Directional Bore, 2, 3 inch	8182037	65.000	Ft
0410	Conduit, DB, 1, 1 1/2 inch	8182048	230.000	Ft
0420	Conduit, DB, 1, 3 inch	8182050	210.000	Ft
0430	Conduit, DB, 2, 3 inch	8182053	100.000	Ft
0440	Conduit, DB, 3, 3 inch	8182056	130.000	Ft
0450	Conduit, DB, 4, 3 inch	8182059	90.000	Ft
0460	Cable, Sec, 600V, 1, 3/C#6	8182238	670.000	Ft
0470	Hh, Polymer Conc	8182309	10.000	Ea
0480	Hh, Round	8182310	16.000	Ea
0490	Hh, Round, 3 foot dia	8182319	4.000	Ea
0500	Hh, Rem	8182330	2.000	Ea
0510	Serv Disconnect	8182366	2.000	Ea
0520	Serv Disconnect, Rem	8182367	1.000	Ea
0530	_ Conduit, DB, 1, 1 inch	8187001	115.000	Ft
0540	_ Conduit, DB, 1, 2 inch	8187001	40.000	Ft
0550	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
0560	Case Sign, Rem	8200020	7.000	Ea
0570	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	11.000	Ea
0580	Controller and Cabinet, Rem	8200030	5.000	Ea
0590	Controller Fdn, Base Mtd	8200045	4.000	Ea
0600	Controller Fdn, Rem	8200046	5.000	Ea
0610	Fdn, Rem	8200065	13.000	Ea
0620	Louver	8200080	4.000	Ea
0630	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
0640	Pedestal, Alum	8200100	3.000	Ea
0650	Pedestal, Fdn	8200105	7.000	Ea
0660	Pedestal Fdn, Rem	8200106	3.000	Ea
0670	Pedestal, Rem	8200110	3.000	Ea
0680	Pedestal, Underground Serv, Unmetered	8200112	4.000	Ea
0690	Power Co. (Est. Cost to Contractor)	8200116	10,250.000	Dlr
0700	Pushbutton and Sign	8200121	2.000	Ea
0710	Span Wire	8200140	12.000	Ea

0720	Span Wire, Rem	8200141	3.000	Ea
0730	Steel Pole, Rem	8200145	5.000	Ea
0740	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0750	TS, Mast Arm Mtd, Rem	8200177	9.000	Ea
0760	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	15.000	Ea
0770	TS, Pedestrian, Pedestal Mtd, Rem	8200181	3.000	Ea
0780	TS, Span Wire Mtd, Rem	8200182	6.000	Ea
0790	Cabinet, NEMA Type	8200186	4.000	Ea
0800	TS, One Way Span Wire Mtd, RTGA	8200195	2.000	Ea
0810	TS, Wireless Link, Rem	8200280	1.000	Ea
0820	TS, One Way Span Wire Mtd (LED)	8200313	27.000	Ea
0830	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0840	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	9.000	Ea
0850	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	7.000	Ea
0860	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	1.000	Ea
0870	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0880	TS, Antenna, Rem	8200368	1.000	Ea
0890	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0900	Bracket, Truss, Rem	8200388	1.000	Ea
0910	Wireless Repeater	8200421	5.000	Ea
0920	Wireless Vehicle Detection System	8200422	11.000	Ea
0930	Wireless Vehicle Sensor Node	8200425	174.000	Ea
0940	TS Face, Bag	8200458	6.000	Ea
0950	TS Face, Bag, Rem	8200459	6.000	Ea
0960	Strain Pole, Steel, 6 bolt, 30 foot	8200460	17.000	Ea
0970	Strain Pole Fdn, 6 Bolt	8200470	209.000	Ft
0980	Casing	8200480	65.000	Ft
0990	Cellular Modem, TS, 4th G	8200498	3.000	Ea
1000	Mast Arm, Rem	8202004	8.000	Ea
1010	Mast Arm Std, Rem	8202005	8.000	Ea
1020	_ Controller, NEMA, ATC Type	8207050	4.000	Ea
1030	_ St Name Sign, Two Way, Illuminated, Rem	8207050	6.000	Ea
1040	_ St Name Sign, Two Way, LED, 8 foot	8207050	6.000	Ea
1050	Contractor Staking	8240001	1.000	LSUM
1060	Staking Plan Errors and Extras, Max \$180/hour	8240002	21.000	Hr
1070	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
1080	Lightning Protection, Pole	8260021	5.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 031**Letting Date:** November 5, 2021**Contract ID:** 82112-213125**Description:** 0.38 mi of high friction surface treatment, signing improvements and pavement markings on M-10 at Wyoming Avenue and Elmhurst Street and I-94 at Addison Avenue in the city of Detroit, Wayne County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213125A	21A0978	N/A	HSIP 82112

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$16,500.00	1100001	1.000	LSUM
0020	Project Cleanup	2090001	1.000	LSUM
0030	Pavt, Cleaning	5010001	1.000	LSUM
0040	High Friction Surface Treatment	5060800	3,143.000	Syd
0050	Post, Wood, 4 inch by 6 inch	8100380	96.000	Ft
0060	Sign, Type IIB	8100399	20.000	Sft
0070	Sign, Type III, Rem	8100403	3.000	Ea
0080	Sign, Type IIIA	8100404	32.000	Sft
0090	Sign, Type VB	8100425	13.000	Sft
0100	Reflective Panel for Permanent Sign Support, 6 foot	8100616	6.000	Ea
0110	Pavt Mrkg, Polyurea, 6 inch, White	8110094	1,590.000	Ft
0120	Pavt Mrkg, Polyurea, 6 inch, Yellow	8110095	479.000	Ft
0130	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	2.000	Ea
0140	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	9.000	Ft
0150	Pavt Mrkg, Polyurea, 12 inch, White	8110111	310.000	Ft
0160	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	38.000	Ft
0170	Rem Spec Mrkg	8110343	550.000	Sft
0180	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0190	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0200	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	2.000	Ea
0210	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	2.000	Ea
0220	Pavt Mrkg, Thermopl, Rumble Strip	8110470	440.000	Ft
0230	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	16.000	Ea
0240	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	16.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Ltg for Night Work	8120160	1.000	LSUM

0280	Minor Traf Devices	8120170	1.000	LSUM
0290	Mobile Attenuator	8120180	3.000	Ea
0300	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,412.000	Ft
0310	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	1,184.000	Ft
0320	Plastic Drum, Fluorescent, Furn	8120252	85.000	Ea
0330	Plastic Drum, Fluorescent, Oper	8120253	85.000	Ea
0340	Sign, Type B, Temp, Prismatic, Furn	8120350	430.000	Sft
0350	Sign, Type B, Temp, Prismatic, Oper	8120351	430.000	Sft
0360	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	2,840.000	Ft
0370	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	572.000	Ft
0380	Pavt Mrkg, Wet Reflective, Type NR, Tape, 12 inch, White, Temp	8122020	1,184.000	Ft
0390	Flsh Beacon, Solar Power	8200071	2.000	Ea
0400	Contractor Staking	8240001	1.000	LSUM
0410	Staking Plan Errors and Extras, Max \$180/hour	8240002	2.000	Hr



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Schedule of Pay Items

Report v1

Letting Call: 211105 032**Letting Date:** November 5, 2021**Contract ID:** 28051-213345**Description:** 5.98 mi of application of durable pavement markings on M-37 at US-31, Grand Traverse County.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
213345A	21A1023	N/A	HSIP 28051

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$22,600.00	1100001	1.000	LSUM
0020	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	200.000	Ft
0030	Recessing Pavt Mrkg, Longit	8110450	100,955.000	Ft
0040	Recessing Pavt Mrkg, Transv	8110451	1,302.000	Sft
0050	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	63,400.000	Ft
0060	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	29,700.000	Ft
0070	Minor Traf Devices	8120170	1.000	LSUM
0080	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	5,500.000	Ft
0090	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, White	8127001	3,550.000	Ft
0100	_ Pavt Mrkg, 100 Mil Durable Longit Mrkg, 6 inch, Yellow	8127001	4,010.000	Ft
0110	_ Pavt Mrkg, Durable Spec Mrkg, 24 inch, Stop Bar	8127001	195.000	Ft
0120	_ Pavt Mrkg, Durable, 6 inch, Dotted Thru Guide Line, White	8127001	95.000	Ft
0130	_ Pavt Mrkg, Durable Spec Mrkg, Lt Turn Arrow Sym	8127050	12.000	Ea
0140	_ Pavt Mrkg, Durable Spec Mrkg, Rt Turn Arrow Sym	8127050	7.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 033**Letting Date:** November 5, 2021**Contract ID:** 81000-210365**Description:** 2.95 mi of high friction surface treatment, signing, pavement markings on Dexter Town Hall Road from Island Lake Road to North Territorial Road, Washtenaw County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
210365A	21A0891	N/A	HRRR 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$29,900.00	1100001	1.000	LSUM
0020	High Friction Surface Treatment	5060800	9,242.000	Syd
0030	Post, Mailbox	8070095	1.000	Ea
0040	Post, Steel, 3 lb	8100371	1,050.000	Ft
0050	Sign, Type III, Rem	8100403	60.000	Ea
0060	Sign, Type IIIA	8100404	59.000	Sft
0070	Sign, Type IIIB	8100405	390.000	Sft
0080	Sign, Type VB	8100425	13.000	Sft
0090	Reflective Panel for Permanent Sign Support, 3 foot	8100613	41.000	Ea
0100	Reflective Panel for Permanent Sign Support, 6 foot	8100616	14.000	Ea
0110	Pavt Mrkg, Waterborne, 4 inch, White	8110231	6,932.000	Ft
0120	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	6,932.000	Ft
0130	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0140	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0150	Minor Traf Devices	8120170	1.000	LSUM
0160	Plastic Drum, Fluorescent, Furn	8120252	50.000	Ea
0170	Plastic Drum, Fluorescent, Oper	8120253	50.000	Ea
0180	Sign, Type B, Temp, Prismatic, Furn	8120350	208.000	Sft
0190	Sign, Type B, Temp, Prismatic, Oper	8120351	208.000	Sft
0200	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 211105 034**Letting Date:** November 5, 2021**Contract ID:** 21000-205825**Description:** 11.37 mi of hot mix asphalt overlay and pavement markings on County Road 535 (H Road/D Road) from M-35 (Fuller Park) to US-2/41, Delta County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
205825A	21A0727	N/A	STL 21000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$138,400.00	1100001	1.000	LSUM
0020	Maintenance Gravel	3060020	15.000	Ton
0030	Approach, CI II	3070021	289.000	Ton
0040	Shld, CI II	3070121	2,500.000	Ton
0050	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0060	Cold Milling HMA Surface	5010002	2,117.000	Syd
0070	HMA Approach	5010061	303.000	Ton
0080	HMA, 4EL	5012024	16,275.000	Ton
0090	Pavt Mrkg, Waterborne, 4 inch, White	8110231	120,060.000	Ft
0100	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	90,050.000	Ft
0110	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0120	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0130	Minor Traf Devices	8120170	1.000	LSUM
0140	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	4,803.000	Ft
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	472.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	472.000	Sft
0170	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	20.000	Sft
0180	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	20.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM



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Schedule of Pay Items

Report v1

Letting Call: 211105 035**Letting Date:** November 5, 2021**Contract ID:** 34000-206981

Description: 4.76 mi of hot mix asphalt cold milling and resurfacing, shoulder improvement and pavement markings on Riverside Drive from the east city limits of Saranac to Ainsworth Road, Ionia County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
206981A	21A0798	N/A	STL 34000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$90,100.00	1100001	1.000	LSUM
0020	Pavt, Rem	2040050	20.000	Syd
0030	Aggregate Base, 6 inch	3020016	16,904.000	Syd
0040	Maintenance Gravel, LM	3060021	200.000	Cyd
0050	Approach, CI II	3070021	100.000	Ton
0060	Shld, CI II, 3 inch	3070125	10,100.000	Syd
0070	Shld, CI II, 5 inch	3070127	225.000	Syd
0080	Trenching	3070200	504.000	Sta
0090	Cold Milling HMA Surface	5010002	2,160.000	Syd
0100	HMA Surface, Rem	5010005	310.000	Syd
0110	HMA Approach	5010061	75.000	Ton
0120	HMA, 4EML	5012025	7,820.000	Ton
0130	Pavt Mrkg, Waterborne, 4 inch, White	8110231	50,300.000	Ft
0140	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	35,700.000	Ft
0150	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	125.000	Ea
0160	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	125.000	Ea
0170	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0180	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0190	Minor Traf Devices	8120170	1.000	LSUM
0200	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	3,900.000	Ft
0210	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0220	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	504.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	504.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	_ Slope Restoration	8167011	16,400.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 211105 036**Letting Date:** November 5, 2021**Contract ID:** 31000-208096**Description:** Bridge removal and replace with concrete precast 24 foot by 8 foot box culvert, guardrail and approach work on Mud Lake Road over Mud Lake Creek, Houghton County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
208096A	21A0840	N/A	HIP 31000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$88,500.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.100	Acre
0030	Embankment, CIP	2050010	120.000	Cyd
0040	Excavation, Earth	2050016	620.000	Cyd
0050	Erosion Control, Filter Bag	2080014	2.000	Ea
0060	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0070	Erosion Control, Turbidity Curtain, Deep	2080042	30.000	Ft
0080	Subbase, CIP	3010002	790.000	Cyd
0090	Aggregate Base, 8 inch	3020020	2,070.000	Syd
0100	Aggregate Surface Cse, 6 inch	3060010	160.000	Syd
0110	Shld, CI II, 3 inch	3070125	330.000	Syd
0120	HMA, 3EML	5012013	130.000	Ton
0130	HMA, 5EML	5012037	130.000	Ton
0140	Bridge Railing, Thrie Beam Retrofit	7110006	4.000	Ft
0150	Guardrail, Type MGS-8	8070004	50.000	Ft
0160	Guardrail Approach Terminal, Type 2M	8070044	4.000	Ea
0170	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0190	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0200	Conc Barrier, Temp, Adj	8120080	44.000	Ft
0210	Conc Barrier, Temp, Furn	8120081	44.000	Ft
0220	Conc Barrier, Temp, Oper	8120082	44.000	Ft
0230	Minor Traf Devices	8120170	1.000	LSUM
0240	Plastic Drum, Fluorescent, Furn	8120252	65.000	Ea
0250	Plastic Drum, Fluorescent, Oper	8120253	65.000	Ea
0260	Sign, Type A, Temp, Prismatic, Furn	8120340	4.500	Sft
0270	Sign, Type A, Temp, Prismatic, Oper	8120341	4.500	Sft

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	204.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	204.000	Sft
0300	_ Slope Restoration, Modified	8167011	670.000	Syd
0310	Contractor Staking	8240001	1.000	LSUM
0320	Staking Plan Errors and Extras, Max \$180/hour	8240002	8.000	Hr

Section: 2

0330	Structures, Rem	2040060	1.000	LSUM
0340	Excavation, Channel	2050015	1,100.000	Cyd
0350	Backfill, Structure, CIP	2060002	550.000	Cyd
0360	Excavation, Fdn	2060010	1,300.000	Cyd
0370	Excavation, Rock Fdn	2060011	10.000	Cyd
0380	Geotextile, Separator	3080005	250.000	Syd
0390	Underdrain, Fdn, 4 inch	4040031	112.000	Ft
0400	Underdrain Outlet, 4 inch	4040091	20.000	Ft
0410	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0420	Culv Bedding, Box Culv	4060005	160.000	Cyd
0430	_ Culv, Precast Conc Box, 24 foot x 8 foot	4067001	37.000	Ft
0440	_ High Performance Biaxial Geogrid	7007011	225.000	Syd
0450	_ Steel Sheet Piling, Temp, Special	7047010	192.000	Sft
0460	_ Cofferdams, Special	7047051	1.000	LSUM
0470	Membrane, Preformed Waterproofing	7100008	1,700.000	Sft
0480	Riprap, Plain	8130011	790.000	Ton
0490	_ Riprap, Special, Class II	8137031	230.000	Ton

Schedule of Pay Items

Report v1

Letting Call: 211105 037

Letting Date: November 5, 2021

Contract ID: 65052-211184

Description: 1.39 mi of hot mix asphalt fine textured pavement milling and resurfacing and pavement markings on M-33 from north of East Houghton Creek Road to south of Grand Jean Road, Ogemaw County. This project includes a 3 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
211184A	21A0996	N/A	NH 65052

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$48,100.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	182.000	Ft
0030	Masonry and Conc Structure, Rem	2040045	1.000	Cyd
0040	Sidewalk, Rem	2040055	91.000	Syd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	25.000	Ea
0070	Approach, CI II	3070021	20.000	Ton
0080	_ Shld, CI II, Modified	3077031	75.000	Ton
0090	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0100	HMA Surface, Rem	5010005	60.000	Syd
0110	HMA Quality Initiative	5010007	6,422.000	Dlr
0120	Longit Joint Density Quality Initiative	5010018	17,325.000	Dlr
0130	Hand Patching	5010025	18.000	Ton
0140	Fine Textured Pavt Milling	5010100	36,484.000	Syd
0150	HMA Approach, High Stress	5010520	129.000	Ton
0160	HMA, 5EML, High Stress	5012085	3,064.000	Ton
0170	Lane Tie, Epoxy Anchored	6030030	22.000	Ea
0180	Curb and Gutter, Conc, Det F4	8020038	92.000	Ft
0190	Detectable Warning Surface	8030010	55.000	Ft
0200	Curb Ramp Opening, Conc	8030030	137.000	Ft
0210	Sidewalk, Conc, 4 inch	8030044	210.000	Sft
0220	Curb Ramp, Conc, 6 inch	8032002	650.000	Sft
0230	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	2.000	Ea
0240	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	450.000	Ft
0250	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	135.000	Ft
0260	Pavt Mrkg, Waterborne, 6 inch, White	8110233	14,050.000	Ft
0270	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	11,200.000	Ft

0280	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	14,050.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	11,200.000	Ft
0300	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0310	Recessing Pavt Mrkg, Longit	8110450	25,250.000	Ft
0320	Recessing Pavt Mrkg, Transv	8110451	585.000	Sft
0330	Pedestrian Type II Barricade, Temp	8120026	14.000	Ea
0340	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	200.000	Ea
0350	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	200.000	Ea
0360	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0370	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0380	Minor Traf Devices	8120170	1.000	LSUM
0390	Sign Cover	8120310	8.000	Ea
0400	Sign, Type B, Temp, Prismatic, Furn	8120350	800.000	Sft
0410	Sign, Type B, Temp, Prismatic, Oper	8120351	800.000	Sft
0420	Traf Regulator Control	8120370	1.000	LSUM
0430	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	24.000	Ft
0440	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	1,020.000	Ft
0450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	11,200.000	Ft
0460	Slope Restoration, Non-Freeway, Type A	8162001	20.000	Syd
0470	Monument Box Adj	8210005	4.000	Ea
0480	Protect Corners	8210020	4.000	Ea
0490	Gate Box, Adj, Case 1	8230431	1.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 211105 038

Letting Date: November 5, 2021

Contract ID: 19022-204059

Description: 9.65 mi of concrete pavement repairs, hot mix asphalt cold milling and resurfacing of shoulders, median cable barrier installation and pavement markings on I-96 from from Ionia/Clinton county line to I-69, Clinton County.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
204059A	N/A	N/A	M 19022
204947A	21A1007	N/A	HSIP 19022
208931A	N/A	N/A	M 19022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$714,800.00	1100001	1.000	LSUM
0020	Exploratory Investigation, Vertical	2040080	20.000	Ft
0030	Excavation, Earth	2050016	757.000	Cyd
0040	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0060	Erosion Control, Silt Fence	2080036	1,000.000	Ft
0070	Project Cleanup	2090001	1.000	LSUM
0080	Aggregate Base, 6 inch	3020016	1,744.000	Syd
0090	Shld, CI II	3070121	320.000	Ton
0100	Shld, CI II, 8 inch	3070130	312.000	Syd
0110	Underdrain Outlet, 6 inch	4040093	50.000	Ft
0120	Underdrain, Outlet Ending, 6 inch	4040113	5.000	Ea
0130	Video Inspection of Underdrain	4040200	50.000	Ft
0140	Cold Milling HMA Surface	5010002	115,176.000	Syd
0150	HMA Surface, Rem	5010005	921.000	Syd
0160	HMA Quality Initiative	5010007	49,744.000	Dlr
0170	HMA Approach	5010061	700.000	Ton
0180	HMA, 4EMH	5012026	13,719.000	Ton
0190	HMA, 5EMH	5012038	10,453.000	Ton
0200	Joint, Contraction, Cp	6020200	6,000.000	Ft
0210	Joint, Contraction, Crg	6030020	49,800.000	Ft
0220	Joint, Expansion, Erg	6030021	156.000	Ft
0230	Lane Tie, Epoxy Anchored	6030030	6,199.000	Ea
0240	Pavt Repr, Nonreinf Conc, 7 1/2 inch	6030043	22,853.000	Syd
0250	Pavt Repr, Rem	6030080	22,853.000	Syd

0260	Saw Cut, Intermediate	6030090	15,764.000	Ft
0270	_ Bond Breaker, Conc Curing Material	6037011	22,853.000	Syd
0280	Cable, 1000 ft Spool	8070250	5.000	Ea
0290	Cable Barrier, Intermediate Line Post	8070251	492.000	Ea
0300	Cable Barrier, Misc Hardware, Intermediate Line Post	8070252	492.000	Ea
0310	Cable Barrier, Modified Line Post and Hardware	8070253	5.000	Ea
0320	Cable Barrier, Socket, Conc Fdn	8070254	492.000	Ea
0330	Cable Barrier, Driven Socket	8070255	492.000	Ea
0340	Cable Barrier, Turnbuckle	8070256	16.000	Ea
0350	Cable Barrier, Reflector	8070257	215.000	Ea
0360	Cable Barrier, Excluder Cap	8070258	492.000	Ea
0370	Cable Barrier, Wedge Lock Fitting	8070259	8.000	Ea
0380	Cable Barrier, Cable Splice Kit	8070260	78.000	Ea
0390	Cable Barrier Terminal, Materials	8070261	5.000	Ea
0400	Cable Barrier, High Tension, Repr Labor	8070262	63,858.000	Dlr
0410	Cable Barrier, High Tension, Maintenance Kit	8070270	5.000	Ea
0420	_ Cable Barrier, High Tension, 3-Cable, Gibraltar TL-4, Driven Socket	8077001	51,638.000	Ft
0430	_ Cable Barrier Terminal, High Tension, 3-Cable, Gibraltar TL-4	8077050	52.000	Ea
0440	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	106,978.000	Ft
0450	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	82,002.000	Ft
0460	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	7,826.000	Ft
0470	Pavt Mrkg, Waterborne, 6 inch, White	8110233	84,162.000	Ft
0480	Pavt Mrkg, Waterborne, 6 inch, Yellow	8110234	82,002.000	Ft
0490	Pavt Mrkg, Waterborne, 12 inch, White	8110237	7,826.000	Ft
0500	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	84,162.000	Ft
0510	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	8110254	82,002.000	Ft
0520	Pavt Mrkg, Waterborne, 2nd Application, 12 inch, White	8110257	7,826.000	Ft
0530	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea
0550	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0560	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0570	Ltg for Night Work	8120160	1.000	LSUM
0580	Minor Traf Devices	8120170	1.000	LSUM
0590	Mobile Attenuator	8120180	2.000	Ea
0600	Plastic Drum, Fluorescent, Furn	8120252	1,100.000	Ea
0610	Plastic Drum, Fluorescent, Oper	8120253	1,100.000	Ea
0620	Sign Cover	8120310	10.000	Ea
0630	Sign Cover, Type I	8120320	8.000	Ea
0640	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	18.000	Ea
0650	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	18.000	Ea

0660	Sign, Type A, Temp, Prismatic, Furn	8120340	152.000	Sft
0670	Sign, Type A, Temp, Prismatic, Oper	8120341	152.000	Sft
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	1,900.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	1,900.000	Sft
0700	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	322.000	Sft
0710	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	322.000	Sft
0720	Water, Sodding/Seeding	8160090	924.000	Unit
0730	Slope Restoration, Freeway, Type A	8162013	4,000.000	Syd
0740	Slope Restoration, Freeway, Type B	8162014	125,300.000	Syd
0750	Slope Restoration, Freeway, Type C	8162015	2,700.000	Syd
0760	Freeway Shld Corrugations, Milled, HMA	8222001	148,740.000	Ft
0770	Contractor Staking	8240001	1.000	LSUM
0780	Staking Plan Errors and Extras, Max \$180/hour	8240002	86.000	Hr

Schedule of Pay Items

Report v1

Letting Call: 211105 039

Letting Date: November 5, 2021

Contract ID: 14032-210872

Description: 58.92 mi of overband crack fill, single course chip seal, fog seal, micro-surfacing and hot mix asphalt cold milling and resurfacing on various routes at several locations, Berrien, Cass, and Van Buren Counties. This project includes a 3 year materials and workmanship pavement warranty and two 2 year pavement performance warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210872A	21A1013	N/A	ST 14032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Protection, at Grade Crossing, Amtrak	1027060	9,600.000	Dlr
0020	_ Railroad Protection, at Grade Crossing, CSX Transportation	1027060	7,200.000	Dlr
0030	Mobilization, Max \$252,400.00	1100001	1.000	LSUM
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	85.000	Ea
0050	Shld, CI II	3070121	534.000	Ton
0060	Dr Structure Cover, Adj, Case 1, Modified	4030004	10.000	Ea
0070	Dr Structure Cover, Type B	4030010	2.000	Ea
0080	Dr Structure Cover, Type Q	4030065	2.000	Ea
0090	Dr Structure, Temp Lowering	4030390	15.000	Ea
0100	Cold Milling HMA Surface	5010002	18,406.000	Syd
0110	HMA Quality Initiative	5010007	3,492.000	Dlr
0120	Longit Joint Density Quality Initiative	5010018	6,630.000	Dlr
0130	Hand Patching	5010025	263.000	Ton
0140	HMA Approach	5010061	256.000	Ton
0150	HMA, 5EML	5012037	1,227.000	Ton
0160	Overband Crack Fill, Lane	5020003	151.000	Lnmi
0170	Micro-Surface, Warranty	5040030	55,148.000	Syd
0180	Seal, Fog	5050015	449,307.000	Syd
0190	Chip Seal, Single, Warranty	5050040	449,307.000	Syd
0200	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	552.000	Ft
0210	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	289.000	Ft
0220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0230	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
0240	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	12.000	Ea
0250	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0260	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	11,852.000	Ft

0270	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	9,483.000	Ft
0280	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	2.000	Ea
0290	Pavt Mrkg, Waterborne, 4 inch, White	8110231	3,896.000	Ft
0300	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	202,953.000	Ft
0310	Pavt Mrkg, Waterborne, 6 inch, White	8110233	300,933.000	Ft
0320	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	3,896.000	Ft
0330	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	202,953.000	Ft
0340	Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	8110253	300,933.000	Ft
0350	Rem Spec Mrkg	8110343	1,088.000	Sft
0360	Witness, Log, \$1,250.00	8110351	1,250.000	Dlr
0370	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	652.000	Ft
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0400	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,000.000	Ea
0410	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,000.000	Ea
0420	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0430	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0440	Ltg for Night Work	8120160	1.000	LSUM
0450	Minor Traf Devices	8120170	1.000	LSUM
0460	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	2,537.000	Ft
0470	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	7,831.000	Ft
0480	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	3,560.000	Ft
0490	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	146.000	Ft
0500	Raised Pavt Marker, Temp, Type 1, White, Monodirectional	8120280	6.000	Ea
0510	Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	8120281	3,277.000	Ea
0520	Sign Cover	8120310	10.000	Ea
0530	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0540	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0550	Sign, Type B, Temp, Prismatic, Furn	8120350	1,467.000	Sft
0560	Sign, Type B, Temp, Prismatic, Oper	8120351	1,467.000	Sft
0570	Traf Regulator Control	8120370	1.000	LSUM
0580	Rumble Strip, Temp, Portable, Furn	8122188	48.000	Ea
0590	Rumble Strip, Temp, Portable, Oper	8122189	48.000	Ea
0600	Monument Box	8210001	5.000	Ea
0610	Monument Box Adj	8210005	5.000	Ea
0620	Monument Preservation	8210010	5.000	Ea
0630	Protect Corners	8210020	5.000	Ea
0640	Water Shutoff, Adj, Case 1	8230421	5.000	Ea
0650	Contractor Staking	8240001	1.000	LSUM

0660	Staking Plan Errors and Extras, Max \$180/hour	8240002	28.000	Hr
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Schedule of Pay Items

Report v1

Letting Call: 211105 040

Letting Date: November 5, 2021

Contract ID: 41000-210439

Description: 0.55 mi of signal upgrades, concrete curb, gutter and sidewalk ramps, storm sewer, hemispherical video detection, Opticom GPS system, signing and pavement markings on Eastern Avenue SE from 36th Street to Ken-O-Sha Drive and from Alger Street to Wealthy Street and Kalamazoo Avenue at Hall Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210439A	21A0777	N/A	HSIP 41000
210441A	21A0778	N/A	HSIP 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$89,500.00	1100001	1.000	LSUM
0020	_ Curb and Gutter, Rem, Modified	2047001	540.000	Ft
0030	_ Pavt, Rem, Modified	2047011	231.000	Syd
0040	_ Sidewalk, Rem, Modified	2047011	221.000	Syd
0050	Non Haz Contaminated Material Handling and Disposal, LM	2050031	200.000	Cyd
0060	_ Storm Sewer, C76 CI IV, 12 Inch	4027001	20.000	Ft
0070	Dr Structure Cover, Adj, Case 1	4030005	2.000	Ea
0080	Dr Structure Cover, Adj, Case 2	4030006	6.000	Ea
0090	Dr Structure, Adj, Add Depth	4030280	1.000	Ft
0100	_ Dr Structure, Reconstruct	4037001	9.000	Ft
0110	_ Dr Structure Cover, Special	4037030	1,600.000	Lb
0120	_ Drop Inlet, Det S-6	4037050	2.000	Ea
0130	Hand Patching	5010025	35.000	Ton
0140	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	540.000	Ft
0150	Curb Ramp Opening, Conc	8030030	197.000	Ft
0160	Sidewalk, Conc, 6 inch	8030046	1,736.000	Sft
0170	Curb Ramp, Conc, 6 inch	8032002	2,070.000	Sft
0180	_ Detectable Warning Surface, Modified	8037001	197.000	Ft
0190	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0200	Sign, Type III, Rem	8100403	32.000	Ea
0210	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	3,378.000	Ft
0220	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	319.000	Ft
0230	Rem Spec Mrkg	8110343	2,643.000	Sft
0240	Recessing Pavt Mrkg, Transv	8110451	4,016.000	Sft
0250	Pedestrian Type II Barricade, Temp	8120026	50.000	Ea

0260	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	300.000	Ea
0270	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	300.000	Ea
0280	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
0290	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Sign, Type B, Temp, Prismatic, Furn	8120350	1,300.000	Sft
0320	Sign, Type B, Temp, Prismatic, Oper	8120351	1,300.000	Sft
0330	_ Turf Establishment	8167011	168.000	Syd
0340	Conduit, DB, 1, 1 1/2 inch	8182048	65.000	Ft
0350	Conduit, DB, 3, 3 inch	8182056	107.000	Ft
0360	Cable, Sec, 600V, 1, 3/C#6	8182238	700.000	Ft
0370	Hh, Round	8182310	3.000	Ea
0380	Hh, Round, 3 foot dia	8182319	6.000	Ea
0390	Hh, Rem	8182330	1.000	Ea
0400	Wood Pole, Rem	8182363	1.000	Ea
0410	Serv Disconnect	8182366	10.000	Ea
0420	Wood Pole, Fit Up, Sec Serv Pole	8182382	3.000	Ea
0430	_ Conduit, DB, 2, 2 inch	8187001	10.000	Ft
0440	_ Conduit, Directional Bore, 2, 2 inch	8187001	50.000	Ft
0450	_ Conduit, Directional Bore, 2, 2 Inch	8187001	200.000	Ft
0460	Case Sign, Rem	8200020	18.000	Ea
0470	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	2.000	Ea
0480	Controller and Cabinet, Rem	8200030	8.000	Ea
0490	Controller and Cabinet, Rem Controller and Cabinet, Rem	8200030	7.000	Ea
0500	Controller Fdn, Base Mtd	8200045	5.000	Ea
0510	Digital Loop Detector	8200055	1.000	Ea
0520	Pedestal, Alum	8200100	3.000	Ea
0530	Pedestal, Fdn	8200105	2.000	Ea
0540	Pedestal Fdn, Rem	8200106	1.000	Ea
0550	Pedestal, Rem	8200110	1.000	Ea
0560	Pushbutton and Sign	8200121	9.000	Ea
0570	Pushbutton, Rem	8200122	13.000	Ea
0580	Span Wire	8200140	26.000	Ea
0590	Span Wire, Rem	8200141	21.000	Ea
0600	Span Wire Tether	8200142	30.000	Ea
0610	Steel Pole, Rem	8200145	1.000	Ea
0620	Strain Pole, Steel, Anchor Base, 30 foot	8200155	5.000	Ea
0630	Strain Pole, Steel, Anchor Fdn	8200165	6.000	Ea
0640	Traf Loop	8200170	1.000	Ea
0650	TS, Bracket Arm Mtd, Rem	8200175	11.000	Ea
0660	TS, Mast Arm Mtd, Rem	8200177	12.000	Ea
0670	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
0680	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	18.000	Ea
0690	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea

0700	TS, Span Wire Mtd, Rem	8200182	52.000	Ea
0710	TS, Pedestrian, Two Way Bracket Arm Mtd, Salv	8200228	2.000	Ea
0720	TS, One Way Pedestal Mtd	8200230	1.000	Ea
0730	TS, Pedestrian, Two Way Pedestal Mtd, Salv	8200238	1.000	Ea
0740	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0750	TS, One Way Span Wire Mtd (LED)	8200313	48.000	Ea
0760	TS, One Way Span Wire Mtd, FYA (LED)	8200314	13.000	Ea
0770	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	3.000	Ea
0780	TS, One Way Span Wire Mtd, LTGA (LED)	8200316	1.000	Ea
0790	TS, One Way Bracket Arm Mtd (LED)	8200333	9.000	Ea
0800	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	12.000	Ea
0810	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0820	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	15.000	Ea
0830	TS, One Way Mast Arm Mtd (LED)	8200359	7.000	Ea
0840	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0850	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0860	Hemispherical Video Detection Camera	8200444	2.000	Ea
0870	Hemispherical Video Detection System	8200445	2.000	Ea
0880	Casing	8200480	73.000	Ft
0890	Backplate, TS	8200501	97.000	Ea
0900	_ Cabinet, NEMA Type, Modified	8207050	9.000	Ea
0910	_ Cellular Modem, Rem and Salv	8207050	1.000	Ea
0920	_ Controller, NEMA, ATC Type, Modified	8207050	9.000	Ea
0930	_ Opticom GPS System	8207050	8.000	Ea
0940	_ Street Name Sign, Two Way, Non-Illuminated	8207050	36.000	Ea
0950	_ TS, One Way Mast Arm Mtd, 5 Sect (LED)	8207050	1.000	Ea
0960	Water Shutoff, Adj, Case 2	8230422	1.000	Ea



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Report v1

Proposal ID: 55000-212738**Project(s):** 212738A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$24,900.00	1.000 LSUM		
0020	5020003 - Overband Crack Fill, Lane	5.140 Lnmi		
0030	5050001 - Seal, Single Chip	19,165.000 Syd		
0040	5050002 - Seal, Double Chip	47,380.000 Syd		
0050	5067011 - _Fog Seal	66,545.000 Syd		
0060	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	54,280.000 Ft		
0070	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	33,925.000 Ft		
0080	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0090	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0100	8120170 - Minor Traf Devices	1.000 LSUM		
0110	8120281 - Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	271.000 Ea		
0120	8120350 - Sign, Type B, Temp, Prismatic, Furn	276.000 Sft		



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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
0130	8120351 - Sign, Type B, Temp, Prismatic, Oper	276.000 Sft		
0140	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	12.000 Sft		
0150	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	12.000 Sft		
0160	8120370 - Traf Regulator Control	1.000 LSUM		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 55000-212738

Project(s): 212738A

Letting Number: 211105

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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Proposal ID: 79000-212149**Project(s):** 212149A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$48,900.00	1.000 LSUM		
0020	3070021 - Approach, CI II	540.000 Ton		
0030	3070121 - Shld, CI II	3,082.000 Ton		
0040	3077031 - _Approach, CI II, Modified Limestone	30.000 Ton		
0050	5010001 - Pavt, Cleaning	1.000 LSUM		
0060	5010008 - Pavt for Butt Joints, Rem	520.000 Syd		
0070	5010033 - HMA, 13A	4,528.000 Ton		
0080	5010061 - HMA Approach	179.000 Ton		
0090	8100371 - Post, Steel, 3 lb	1,125.000 Ft		
0100	8100380 - Post, Wood, 4 inch by 6 inch	60.000 Ft		
0110	8100382 - Post, Wood, 6 inch by 8 inch	30.000 Ft		
0120	8100403 - Sign, Type III, Rem	69.000 Ea		
0130	8100405 - Sign, Type IIIB	186.000 Sft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0140	8100616 - Reflective Panel for Permanent Sign Support, 6 foot	22.000 Ea		
0150	8107010 - _Sign, Type IIIA, Modified	227.000 Sft		
0160	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	43,598.000 Ft		
0170	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	14,796.000 Ft		
0180	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	218.000 Ea		
0190	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	218.000 Ea		
0200	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0210	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0220	8120170 - Minor Traf Devices	1.000 LSUM		
0230	8120236 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	2,391.000 Ft		
0240	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,016.000 Sft		
0250	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,016.000 Sft		
0260	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	6.000 Sft		
0270	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	6.000 Sft		
0280	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
0290	8167011 - _Slope Restoration	9,689.000 Syd		
0300	8210005 - Monument Box Adj	7.000 Ea		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 79000-212149

Project(s): 212149A

Letting Number: 211105

Call Number: 043

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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Report v1

Proposal ID: 23042-212541**Project(s):** 212541A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$22,400.00	1.000 LSUM		
0020	2040020 - Curb and Gutter, Rem	52.000 Ft		
0030	2040055 - Sidewalk, Rem	3.000 Syd		
0040	2040080 - Exploratory Investigation, Vertical	25.000 Ft		
0050	2050010 - Embankment, CIP	6.000 Cyd		
0060	2050016 - Excavation, Earth	1.000 Cyd		
0070	2080028 - Erosion Control, Sand Bag	4.000 Ea		
0080	2080036 - Erosion Control, Silt Fence	40.000 Ft		
0090	3020016 - Aggregate Base, 6 inch	62.000 Syd		
0100	4010012 - Culv End Sect, 12 inch	2.000 Ea		
0110	4010131 - Culv, CI A, 12 inch	16.000 Ft		
0120	5010005 - HMA Surface, Rem	7.000 Syd		
0130	5010025 - Hand Patching	1.000 Ton		
0140	6027011 - _Conc Base Cse, Nonreinf, 5 1/2 inch	7.000 Syd		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	8020016 - Curb and Gutter, Conc, Det B2	19.000 Ft		
0160	8030010 - Detectable Warning Surface	13.000 Ft		
0170	8030030 - Curb Ramp Opening, Conc	33.000 Ft		
0180	8032002 - Curb Ramp, Conc, 6 inch	371.000 Sft		
0190	8110093 - Pavt Mrkg, Polyurea, 6 inch, Crosswalk	127.000 Ft		
0200	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	100.000 Ea		
0210	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	100.000 Ea		
0220	8120140 - Lighted Arrow, Type C, Furn	4.000 Ea		
0230	8120141 - Lighted Arrow, Type C, Oper	4.000 Ea		
0240	8120170 - Minor Traf Devices	1.000 LSUM		
0250	8120180 - Mobile Attenuator	2.000 Ea		
0260	8120310 - Sign Cover	4.000 Ea		
0270	8120332 - Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	2.000 Ea		
0280	8120333 - Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	2.000 Ea		
0290	8120350 - Sign, Type B, Temp, Prismatic, Furn	370.000 Sft		
0300	8120351 - Sign, Type B, Temp, Prismatic, Oper	370.000 Sft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	8120370 - Traf Regulator Control	1.000 LSUM		
0320	8162001 - Slope Restoration, Non-Freeway, Type A	81.000 Syd		
0330	8182048 - Conduit, DB, 1, 1 1/2 inch	100.000 Ft		
0340	8182056 - Conduit, DB, 3, 3 inch	40.000 Ft		
0350	8182059 - Conduit, DB, 4, 3 inch	15.000 Ft		
0360	8182238 - Cable, Sec, 600V, 1, 3/C#6	100.000 Ft		
0370	8182309 - Hh, Polymer Conc	2.000 Ea		
0380	8182310 - Hh, Round	3.000 Ea		
0390	8182319 - Hh, Round, 3 foot dia	1.000 Ea		
0400	8182330 - Hh, Rem	2.000 Ea		
0410	8182363 - Wood Pole, Rem	1.000 Ea		
0420	8182366 - Serv Disconnect	3.000 Ea		
0430	8182367 - Serv Disconnect, Rem	3.000 Ea		
0440	8187001 - _Conduit, DB, 1, 1 inch	20.000 Ft		
0450	8200020 - Case Sign, Rem	4.000 Ea		
0460	8200029 - Case Sign (LED), One Way, 24 inch by 30 inch	2.000 Ea		
0470	8200030 - Controller and Cabinet, Rem	3.000 Ea		
0480	8200045 - Controller Fdn, Base Mtd	1.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0490	8200046 - Controller Fdn, Rem	1.000 Ea		
0500	8200065 - Fdn, Rem	1.000 Ea		
0510	8200070 - Flsh Beacon, Controller and Cabinet, Solid State	2.000 Ea		
0520	8200088 - TS, Managed Field Ethernet Switch, Layer 2, Copper	1.000 Ea		
0530	8200100 - Pedestal, Alum	1.000 Ea		
0540	8200105 - Pedestal, Fdn	1.000 Ea		
0550	8200116 - Power Co. (Est. Cost to Contractor)	3,000.000 Dlr	\$1.00	\$3,000.00
0560	8200140 - Span Wire	4.000 Ea		
0570	8200141 - Span Wire, Rem	4.000 Ea		
0580	8200142 - Span Wire Tether	4.000 Ea		
0590	8200145 - Steel Pole, Rem	1.000 Ea		
0600	8200182 - TS, Span Wire Mtd, Rem	8.000 Ea		
0610	8200186 - Cabinet, NEMA Type	1.000 Ea		
0620	8200260 - Warning Sign	2.000 Ea		
0630	8200261 - Warning Sign, Rem	2.000 Ea		
0640	8200313 - TS, One Way Span Wire Mtd (LED)	8.000 Ea		
0650	8200314 - TS, One Way Span Wire Mtd, FYA (LED)	2.000 Ea		

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0660	8200345 - TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	1.000 Ea		
0670	8200378 - Bracket, Truss, With 18 Foot Arm	4.000 Ea		
0680	8200381 - Video Traf Detection Camera	2.000 Ea		
0690	8200383 - Video Traf Detection System, Rem	1.000 Ea		
0700	8200384 - Video Traf Detection Camera, Rem	2.000 Ea		
0710	8200388 - Bracket, Truss, Rem	4.000 Ea		
0720	8200415 - Emergency Pre-emption, Rem	2.000 Ea		
0730	8200416 - Emergency Pre-emption, Salv	2.000 Ea		
0740	8200441 - Video Traf Detection System, Salv	1.000 Ea		
0750	8200442 - Video Traf Detection Camera, Salv	2.000 Ea		
0760	8200460 - Strain Pole, Steel, 6 bolt, 30 foot	4.000 Ea		
0770	8200470 - Strain Pole Fdn, 6 Bolt	57.000 Ft		
0780	8200480 - Casing	43.000 Ft		
0790	8200498 - Cellular Modem, TS, 4th G	1.000 Ea		
0800	8200501 - Backplate, TS	10.000 Ea		
0810	8200533 - Multi-Sensor Vehicle Detection System, Rem	1.000 Ea		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0820	8200534 - Multi-Sensor Vehicle Detection System, Salv	1.000 Ea		
0830	8200536 - Multi-Sensor Vehicle Detection Sensor, Rem	2.000 Ea		
0840	8200537 - Multi-Sensor Vehicle Detection Sensor, Salv	2.000 Ea		
0850	8207050 - _Controller, NEMA, ATC Type	1.000 Ea		
0860	8240001 - Contractor Staking	1.000 LSUM		
0870	8240002 - Staking Plan Errors and Extras, Max \$180/hour	3.000 Hr		
0880	8260019 - Grounding, Bonding, and Surge Protection	1.000 LSUM		
0890	8260021 - Lightning Protection, Pole	1.000 Ea		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 23042-212541

Project(s): 212541A

Letting Number: 211105

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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Proposal ID: 70063-212506**Project(s):** 212506A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$18,000.00	1.000 LSUM		
0020	2040080 - Exploratory Investigation, Vertical	30.000 Ft		
0030	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	15.000 Cyd		
0040	2080036 - Erosion Control, Silt Fence	100.000 Ft		
0050	8100371 - Post, Steel, 3 lb	90.000 Ft		
0060	8100403 - Sign, Type III, Rem	7.000 Ea		
0070	8100405 - Sign, Type IIIB	39.000 Sft		
0080	8100616 - Reflective Panel for Permanent Sign Support, 6 foot	4.000 Ea		
0090	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	62.000 Ft		
0100	8110343 - Rem Spec Mrkg	107.000 Sft		
0110	8110405 - Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	1.000 Ea		
0120	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0130	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
0140	8120170 - Minor Traf Devices	1.000 LSUM		
0150	8120252 - Plastic Drum, Fluorescent, Furn	45.000 Ea		
0160	8120253 - Plastic Drum, Fluorescent, Oper	45.000 Ea		
0170	8120310 - Sign Cover	5.000 Ea		
0180	8120332 - Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	2.000 Ea		
0190	8120333 - Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	2.000 Ea		
0200	8120340 - Sign, Type A, Temp, Prismatic, Furn	48.000 Sft		
0210	8120341 - Sign, Type A, Temp, Prismatic, Oper	48.000 Sft		
0220	8120350 - Sign, Type B, Temp, Prismatic, Furn	300.000 Sft		
0230	8120351 - Sign, Type B, Temp, Prismatic, Oper	300.000 Sft		
0240	8120370 - Traf Regulator Control	1.000 LSUM		
0250	8162002 - Slope Restoration, Non-Freeway, Type B	170.000 Syd		
0260	8182037 - Conduit, Directional Bore, 2, 3 inch	110.000 Ft		
0270	8182048 - Conduit, DB, 1, 1 1/2 inch	30.000 Ft		
0280	8182053 - Conduit, DB, 2, 3 inch	70.000 Ft		
0290	8182056 - Conduit, DB, 3, 3 inch	10.000 Ft		

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Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0300	8182059 - Conduit, DB, 4, 3 inch	10.000 Ft		
0310	8182246 - Cable, Sec, 600V, 3, 1/C#6	70.000 Ft		
0320	8182309 - Hh, Polymer Conc	2.000 Ea		
0330	8182310 - Hh, Round	2.000 Ea		
0340	8182319 - Hh, Round, 3 foot dia	1.000 Ea		
0350	8182366 - Serv Disconnect	1.000 Ea		
0360	8187001 - _Conduit, DB, 1, 1 inch	20.000 Ft		
0370	8200029 - Case Sign (LED), One Way, 24 inch by 30 inch	1.000 Ea		
0380	8200045 - Controller Fdn, Base Mtd	1.000 Ea		
0390	8200088 - TS, Managed Field Ethernet Switch, Layer 2, Copper	1.000 Ea		
0400	8200116 - Power Co. (Est. Cost to Contractor)	983.000 Dlr	\$1.00	\$983.00
0410	8200186 - Cabinet, NEMA Type	1.000 Ea		
0420	8200359 - TS, One Way Mast Arm Mtd (LED)	6.000 Ea		
0430	8200374 - Bracket, Truss, With 6 Foot Arm	1.000 Ea		
0440	8200444 - Hemispherical Video Detection Camera	1.000 Ea		
0450	8200445 - Hemispherical Video Detection System	1.000 Ea		
0460	8200480 - Casing	23.000 Ft		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	8200498 - Cellular Modem, TS, 4th G	1.000 Ea		
0480	8200501 - Backplate, TS	6.000 Ea		
0490	8202010 - Mast Arm Pole, Cat I	2.000 Ea		
0500	8202017 - Mast Arm, 40 foot, Cat I	1.000 Ea		
0510	8202019 - Mast Arm, 50 foot, Cat I	2.000 Ea		
0520	8202034 - Mast Arm Pole Fdn, 6 Bolt	30.000 Ft		
0530	8207050 - _Controller, NEMA, ATC Type	1.000 Ea		
0540	8240001 - Contractor Staking	1.000 LSUM		
0550	8240002 - Staking Plan Errors and Extras, Max \$180/hour	4.000 Hr		
0560	8260019 - Grounding, Bonding, and Surge Protection	1.000 LSUM		
0570	8260021 - Lightning Protection, Pole	1.000 Ea		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 70063-212506

Project(s): 212506A

Letting Number: 211105

Call Number: 045

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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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Proposal ID: 31013-208506**Project(s):** 208506A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$103,900.00	1.000 LSUM		
0020	2040020 - Curb and Gutter, Rem	147.000 Ft		
0030	2040021 - Curb, Rem	1,143.000 Ft		
0040	2040050 - Pavt, Rem	310.000 Syd		
0050	2040055 - Sidewalk, Rem	969.000 Syd		
0060	2050008 - Berm Grading	2.000 Sta		
0070	2050016 - Excavation, Earth	199.000 Cyd		
0080	2080020 - Erosion Control, Inlet Protection, Fabric Drop	31.000 Ea		
0090	3010002 - Subbase, CIP	154.000 Cyd		
0100	3070121 - Shld, CI II	122.000 Ton		
0110	4030005 - Dr Structure Cover, Adj, Case 1	32.000 Ea		
0120	4030010 - Dr Structure Cover, Type B	4.000 Ea		
0130	4030025 - Dr Structure Cover, Type D	19.000 Ea		
0140	4037050 - _Accessible Dr Structure Cover	9.000 Ea		

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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	5010002 - Cold Milling HMA Surface	56,530.000 Syd		
0160	5010004 - Bump Grinding	100.000 Syd		
0170	5010005 - HMA Surface, Rem	318.000 Syd		
0180	5010006 - HMA Patch, Rem	5.000 Syd		
0190	5010007 - HMA Quality Initiative	10,102.000 Dlr	\$1.00	\$10,102.00
0200	5010018 - Longit Joint Density Quality Initiative	35,475.000 Dlr	\$1.00	\$35,475.00
0210	5010020 - Pavt Joint and Crack Repr, Det 7	600.000 Ft		
0220	5010021 - Pavt Joint and Crack Repr, Det 8	200.000 Ft		
0230	5010025 - Hand Patching	340.000 Ton		
0240	5010061 - HMA Approach	176.000 Ton		
0250	5012036 - HMA, 5EL	4,535.000 Ton		
0260	6030014 - Cold Milling Conc Pavt	640.000 Syd		
0270	8020004 - Curb, Conc, Det E4	228.000 Ft		
0280	8020025 - Curb and Gutter, Conc, Det C6	52.000 Ft		
0290	8030010 - Detectable Warning Surface	492.000 Ft		
0300	8030030 - Curb Ramp Opening, Conc	1,051.000 Ft		
0310	8030046 - Sidewalk, Conc, 6 inch	666.000 Sft		
0320	8032002 - Curb Ramp, Conc, 6 inch	7,633.000 Sft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0330	8037010 - _Conc Pavers, Rem and Salv	151.000 Sft		
0340	8037010 - _Reinstall Conc Pavers on Aggregate and Sand Bed	18.000 Sft		
0350	8100133 - Delineator Reflector, Green	8.000 Ea		
0360	8100340 - Post Hole Through Conc for Steel Post	2.000 Ea		
0370	8100349 - Delineator, Rem	8.000 Ea		
0380	8100361 - Post, Rigid, Delineator	8.000 Ea		
0390	8100371 - Post, Steel, 3 lb	28.000 Ft		
0400	8100402 - Sign, Type III, Erect, Salv	2.000 Ea		
0410	8100403 - Sign, Type III, Rem	2.000 Ea		
0420	8110093 - Pavt Mrkg, Polyurea, 6 inch, Crosswalk	1,614.000 Ft		
0430	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	12.000 Ft		
0440	8110233 - Pavt Mrkg, Waterborne, 6 inch, White	12,200.000 Ft		
0450	8110234 - Pavt Mrkg, Waterborne, 6 inch, Yellow	14,600.000 Ft		
0460	8110253 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	12,200.000 Ft		
0470	8110254 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	14,600.000 Ft		
0480	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0490	8110412 - Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	2.000 Ea		
0500	8110414 - Pavt Mrkg, Polyurea, School	2.000 Ea		
0510	8110416 - Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	1.000 Ea		
0520	8120026 - Pedestrian Type II Barricade, Temp	20.000 Ea		
0530	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0540	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0550	8120170 - Minor Traf Devices	1.000 LSUM		
0560	8120252 - Plastic Drum, Fluorescent, Furn	150.000 Ea		
0570	8120253 - Plastic Drum, Fluorescent, Oper	150.000 Ea		
0580	8120265 - Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	24.000 Ft		
0590	8120310 - Sign Cover	5.000 Ea		
0600	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,394.000 Sft		
0610	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,394.000 Sft		
0620	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	100.000 Sft		
0630	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	100.000 Sft		
0640	8120370 - Traf Regulator Control	1.000 LSUM		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0650	8122000 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	140.000 Ft		
0660	8122002 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	1,550.000 Ft		
0670	8122004 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	140.000 Ft		
0680	8122006 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	1,550.000 Ft		
0690	8122188 - Rumble Strip, Temp, Portable, Furn	12.000 Ea		
0700	8122189 - Rumble Strip, Temp, Portable, Oper	12.000 Ea		
0710	8162002 - Slope Restoration, Non-Freeway, Type B	169.000 Syd		
0720	8210005 - Monument Box Adj	10.000 Ea		
0730	8210010 - Monument Preservation	8.000 Ea		
0740	8210020 - Protect Corners	12.000 Ea		
0750	8220013 - Centerline Corrugations, Milled, HMA	1,600.000 Ft		
0760	8220035 - Sinusoidal Corrugations, Non-Freeway, Milled, HMA Shld	3,200.000 Ft		
0770	8230421 - Water Shutoff, Adj, Case 1	3.000 Ea		
0780	8240001 - Contractor Staking	1.000 LSUM		
0790	8240002 - Staking Plan Errors and Extras, Max \$180/hour	12.000 Hr		



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Section 1 Total:

Total Bid:



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Schedule Of Items - Blank Schedule of Items

Report v1

Proposal ID: 31013-208506

Project(s): 208506A

Letting Number: 211105

Call Number: 046

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: 25131-211555-2**Project(s):** 211555A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$520,300.00	1.000 LSUM		
0020	2040020 - Curb and Gutter, Rem	60.000 Ft		
0030	2040035 - Guardrail, Rem	2,063.000 Ft		
0040	2050010 - Embankment, CIP	560.000 Cyd		
0050	2050016 - Excavation, Earth	250.000 Cyd		
0060	2080036 - Erosion Control, Silt Fence	2,000.000 Ft		
0070	2090001 - Project Cleanup	1.000 LSUM		
0080	3020016 - Aggregate Base, 6 inch	800.000 Syd		
0090	3077031 - _Shld, Cl II, Modified	2,120.000 Ton		
0100	4010796 - Culv, Downspout, 15 inch	700.000 Ft		
0110	4011109 - Dr Marker Post	16.000 Ea		
0120	4021275 - Video Taping Sewer and Culv Pipe	700.000 Ft		
0130	4030004 - Dr Structure Cover, Adj, Case 1, Modified	20.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0140	5010001 - Pavt, Cleaning	1.000 LSUM		
0150	5010002 - Cold Milling HMA Surface	260,140.000 Syd		
0160	5010004 - Bump Grinding	1,000.000 Syd		
0170	5010005 - HMA Surface, Rem	850.000 Syd		
0180	5010007 - HMA Quality Initiative	55,814.000 Dlr	\$1.00	\$55,814.00
0190	5010018 - Longit Joint Density Quality Initiative	163,480.000 Dlr	\$1.00	\$163,480.00
0200	5010025 - Hand Patching	3,840.000 Ton		
0210	5010061 - HMA Approach	1,110.000 Ton		
0220	5017001 - _Pavt Joint and Crack Repr, Det 7, Spec	11,810.000 Ft		
0230	5017001 - _Pavt Joint and Crack Repr, Det 8, Spec	11,810.000 Ft		
0240	5017031 - _Stone Matrix Asphalt (3/8 inch Nominal Max)	22,957.000 Ton		
0250	7060091 - Reinforcement, Steel, Culv and Headwall	622.000 Lb		
0260	7062001 - Conc, Grade 3500	29.000 Cyd		
0270	8020031 - Curb and Gutter, Conc, Det D2	1,840.000 Ft		
0280	8020055 - Shld Gutter, Conc, Det 1	12.000 Ea		
0290	8020056 - Shld Gutter, Conc, Det 2	2.000 Ea		
0300	8020057 - Shld Gutter, Conc, Det 3	2.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	8020070 - Downspout Header, Conc	16.000 Ea		
0320	8070075 - Guardrail, Salv	2,063.000 Ft		
0330	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	1.000 Ea		
0340	8110070 - Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	1.000 Ea		
0350	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	1.000 Ea		
0360	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0370	8110450 - Recessing Pavt Mrkg, Longit	84,300.000 Ft		
0380	8112115 - Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	60,100.000 Ft		
0390	8112116 - Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	2,900.000 Ft		
0400	8112118 - Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	43,900.000 Ft		
0410	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	18.000 Ea		
0420	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	18.000 Ea		
0430	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0440	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0450	8120160 - Ltg for Night Work	1.000 LSUM		
0460	8120170 - Minor Traf Devices	1.000 LSUM		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0470	8120180 - Mobile Attenuator	4.000 Ea		
0480	8120200 - Pavt Mrkg Cover, Type R, Black	500.000 Ft		
0490	8120252 - Plastic Drum, Fluorescent, Furn	970.000 Ea		
0500	8120253 - Plastic Drum, Fluorescent, Oper	970.000 Ea		
0510	8120310 - Sign Cover	15.000 Ea		
0520	8120332 - Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8.000 Ea		
0530	8120333 - Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8.000 Ea		
0540	8120340 - Sign, Type A, Temp, Prismatic, Furn	56.000 Sft		
0550	8120341 - Sign, Type A, Temp, Prismatic, Oper	56.000 Sft		
0560	8120350 - Sign, Type B, Temp, Prismatic, Furn	3,876.000 Sft		
0570	8120351 - Sign, Type B, Temp, Prismatic, Oper	3,876.000 Sft		
0580	8122000 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	2,000.000 Ft		
0590	8122002 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	2,000.000 Ft		
0600	8122004 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	60,100.000 Ft		
0610	8122006 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	43,900.000 Ft		



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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
0620	8122020 - Pavt Mrkg, Wet Reflective, Type NR, Tape, 12 inch, White, Temp	2,900.000 Ft		
0630	8122028 - Speed Radar Trailer, Temp	2.000 Ea		
0640	8122187 - Temp Rumble Strips (Orange), Advance of a Work Zone	2,217.000 Ft		
0650	8127050 - _Traf Speed Sensor, Portable, Temp	2.000 Ea		
0660	8127051 - _Control System, Dynamic Work Zone Traf Monitoring System	1.000 LSUM		
0670	8130010 - Riprap, Plain	80.000 Syd		
0680	8162015 - Slope Restoration, Freeway, Type C	2,280.000 Syd		
0690	8222001 - Freeway Shld Corrugations, Milled, HMA	62,190.000 Ft		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 25131-211555-2

Project(s): 211555A

Letting Number: 211105

Call Number: 047

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: 56031-208864**Project(s):** 208864A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$112,700.00	1.000 LSUM		
0020	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	2.000 Cyd		
0030	3077031 - __Shld, CI II, Modified	300.000 Ton		
0040	5010002 - Cold Milling HMA Surface	91,150.000 Syd		
0050	5010007 - HMA Quality Initiative	15,130.000 Dlr	\$1.00	\$15,130.00
0060	5010018 - Longit Joint Density Quality Initiative	28,890.000 Dlr	\$1.00	\$28,890.00
0070	5012037 - HMA, 5EML	6,745.000 Ton		
0080	5012085 - HMA, 5EML, High Stress	820.000 Ton		
0090	8030010 - Detectable Warning Surface	10.000 Ft		
0100	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	4.000 Ea		
0110	8110068 - Pavt Mrkg, Ovly Cold Plastic, Only	1.000 Ea		
0120	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	5.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0130	8110078 - Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	3.000 Ea		
0140	8110093 - Pavt Mrkg, Polyurea, 6 inch, Crosswalk	330.000 Ft		
0150	8110109 - Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	250.000 Ft		
0160	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	130.000 Ft		
0170	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0180	8110450 - Recessing Pavt Mrkg, Longit	78,900.000 Ft		
0190	8110453 - Recessing Pavt Mrkg, Guide Line	40.000 Ft		
0200	8110563 - Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	40.000 Ft		
0210	8112114 - Pavt Mrkg, Wet Reflective Polyurea, 4 inch, White	1,600.000 Ft		
0220	8112115 - Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	50,000.000 Ft		
0230	8112117 - Pavt Mrkg, Wet Reflective Polyurea, 4 inch, Yellow	27,300.000 Ft		
0240	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	12.000 Ea		
0250	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	12.000 Ea		
0260	8120026 - Pedestrian Type II Barricade, Temp	2.000 Ea		
0270	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	500.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0280	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	500.000 Ea		
0290	8120140 - Lighted Arrow, Type C, Furn	3.000 Ea		
0300	8120141 - Lighted Arrow, Type C, Oper	3.000 Ea		
0310	8120160 - Ltg for Night Work	1.000 LSUM		
0320	8120170 - Minor Traf Devices	1.000 LSUM		
0330	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	4,410.000 Ft		
0340	8120265 - Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	130.000 Ft		
0350	8120310 - Sign Cover	70.000 Ea		
0360	8120330 - Sign, Portable, Changeable Message, Furn	4.000 Ea		
0370	8120331 - Sign, Portable, Changeable Message, Oper	4.000 Ea		
0380	8120350 - Sign, Type B, Temp, Prismatic, Furn	3,064.000 Sft		
0390	8120351 - Sign, Type B, Temp, Prismatic, Oper	3,064.000 Sft		
0400	8120370 - Traf Regulator Control	1.000 LSUM		
0410	8122000 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	3,000.000 Ft		
0420	8122188 - Rumble Strip, Temp, Portable, Furn	12.000 Ea		



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Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0430	8122189 - Rumble Strip, Temp, Portable, Oper	12.000 Ea		
0440	8200458 - TS Face, Bag	8.000 Ea		
0450	8200459 - TS Face, Bag, Rem	8.000 Ea		
0460	8210005 - Monument Box Adj	10.000 Ea		
0470	8210020 - Protect Corners	10.000 Ea		
0480	8220013 - Centerline Corrugations, Milled, HMA	18,000.000 Ft		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 56031-208864

Project(s): 208864A

Letting Number: 211105

Call Number: 048

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: 31013-212742**Project(s):** 212742A**Letting Number:** 211105**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
0010	1100001 - Mobilization, Max\$93,300.00	1.000 LSUM		
0020	2050008 - Berm Grading	18.000 Sta		
0030	3070021 - Approach, CI II	60.000 Ton		
0040	3070121 - Shld, CI II	970.000 Ton		
0050	5010001 - Pavt, Cleaning	1.000 LSUM		
0060	5010002 - Cold Milling HMA Surface	6,310.000 Syd		
0070	5010006 - HMA Patch, Rem	5.000 Syd		
0080	5010008 - Pavt for Butt Joints, Rem	580.000 Syd		
0090	5010009 - Edge Trimming	300.000 Ft		
0100	5010025 - Hand Patching	15.000 Ton		
0110	5020003 - Overband Crack Fill, Lane	10.200 Lnmi		
0120	5030041 - Paver Placed Surface Seal, Type C, Warranty	108,800.000 Syd		
0130	5050015 - Seal, Fog	12,400.000 Syd		
0140	8100133 - Delineator Reflector, Green	26.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0150	8100349 - Delineator, Rem	26.000 Ea		
0160	8100361 - Post, Rigid, Delineator	26.000 Ea		
0170	8110109 - Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	206.000 Ft		
0180	8110233 - Pavt Mrkg, Waterborne, 6 inch, White	48,000.000 Ft		
0190	8110234 - Pavt Mrkg, Waterborne, 6 inch, Yellow	40,700.000 Ft		
0200	8110253 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	48,000.000 Ft		
0210	8110254 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, Yellow	40,700.000 Ft		
0220	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0230	8110405 - Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	7.000 Ea		
0240	8110412 - Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	6.000 Ea		
0250	8110550 - Protective Ovly, Snowmobile Trail Crossing	100.000 Syd		
0260	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0270	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0280	8120170 - Minor Traf Devices	1.000 LSUM		
0290	8120252 - Plastic Drum, Fluorescent, Furn	280.000 Ea		
0300	8120253 - Plastic Drum, Fluorescent, Oper	280.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	8120281 - Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	1,419.000 Ea		
0320	8120310 - Sign Cover	10.000 Ea		
0330	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,150.000 Sft		
0340	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,150.000 Sft		
0350	8120352 - Sign, Type B, Temp, Prismatic, Spec, Furn	100.000 Sft		
0360	8120353 - Sign, Type B, Temp, Prismatic, Spec, Oper	100.000 Sft		
0370	8120370 - Traf Regulator Control	1.000 LSUM		
0380	8122000 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	60.000 Ft		
0390	8122002 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8,130.000 Ft		
0400	8122004 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	60.000 Ft		
0410	8122006 - Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8,130.000 Ft		
0420	8122188 - Rumble Strip, Temp, Portable, Furn	12.000 Ea		
0430	8122189 - Rumble Strip, Temp, Portable, Oper	12.000 Ea		
0440	8162002 - Slope Restoration, Non-Freeway, Type B	350.000 Syd		
0450	8210005 - Monument Box Adj	15.000 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
0460	8210020 - Protect Corners	18.000		
		Ea		
0470	8220013 - Centerline Corrugations, Milled, HMA	18,200.000		
		Ft		
0480	8220035 - Sinusoidal Corrugations, Non- Freeway, Milled, HMA Shld	37,200.000		
		Ft		
0490	8240001 - Contractor Staking	1.000		
		LSUM		
0500	8240002 - Staking Plan Errors and Extras, Max \$180/hour	10.000		
		Hr		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 31013-212742

Project(s): 212742A

Letting Number: 211105

Call Number: 049

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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: 58032-201009**Project(s):** 201009A**Letting Number:** 211105**Call Number:** 050**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	1027060 - _Railroad Protection, at Grade Crossing, Ann Arbor Railroad	1,500.000	\$1.00	\$1,500.00
		Dlr		
0020	1100001 - Mobilization, Max\$97,000.00	1.000		
		LSUM		
0030	2040020 - Curb and Gutter, Rem	778.000		
		Ft		
0040	2040050 - Pavt, Rem	93.000		
		Syd		
0050	2040055 - Sidewalk, Rem	443.000		
		Syd		
0060	2050016 - Excavation, Earth	109.000		
		Cyd		
0070	2050031 - Non Haz Contaminated Material Handling and Disposal, LM	10.000		
		Cyd		
0080	2080020 - Erosion Control, Inlet Protection, Fabric Drop	87.000		
		Ea		
0090	2080036 - Erosion Control, Silt Fence	300.000		
		Ft		
0100	2090001 - Project Cleanup	1.000		
		LSUM		
0110	3020010 - Aggregate Base, 4 inch	837.000		
		Syd		
0120	3020016 - Aggregate Base, 6 inch	93.000		
		Syd		
0130	4030005 - Dr Structure Cover, Adj, Case 1	41.000		
		Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0140	4030006 - Dr Structure Cover, Adj, Case 2	5.000 Ea		
0150	4030010 - Dr Structure Cover, Type B	32.000 Ea		
0160	4030025 - Dr Structure Cover, Type D	2.000 Ea		
0170	4030050 - Dr Structure Cover, Type K	8.000 Ea		
0180	4030065 - Dr Structure Cover, Type Q	1.000 Ea		
0190	4037001 - _Sanitary Structure, Adj, Add Depth	1.000 Ft		
0200	4037050 - _Sanitary Structure Cover, Adj, Case 1	1.000 Ea		
0210	5010002 - Cold Milling HMA Surface	35,659.000 Syd		
0220	5010004 - Bump Grinding	100.000 Syd		
0230	5010005 - HMA Surface, Rem	93.000 Syd		
0240	5010007 - HMA Quality Initiative	7,568.000 Dlr	\$1.00	\$7,568.00
0250	5010018 - Longit Joint Density Quality Initiative	16,588.000 Dlr	\$1.00	\$16,588.00
0260	5010020 - Pavt Joint and Crack Repr, Det 7	7,500.000 Ft		
0270	5010021 - Pavt Joint and Crack Repr, Det 8	1,500.000 Ft		
0280	5010025 - Hand Patching	548.000 Ton		
0290	5012037 - HMA, 5EML	3,236.000 Ton		
0300	6020021 - Conc Base Cse, Nonreinf, 9 inch	93.000 Syd		
0310	6030030 - Lane Tie, Epoxy Anchored	214.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0320	8020017 - Curb and Gutter, Conc, Det B3	35.000 Ft		
0330	8020037 - Curb and Gutter, Conc, Det F3	35.000 Ft		
0340	8020039 - Curb and Gutter, Conc, Det F5	304.000 Ft		
0350	8030010 - Detectable Warning Surface	261.000 Ft		
0360	8030030 - Curb Ramp Opening, Conc	392.000 Ft		
0370	8030044 - Sidewalk, Conc, 4 inch	2,897.000 Sft		
0380	8032002 - Curb Ramp, Conc, 6 inch	2,077.000 Sft		
0390	8037001 - _Sidewalk, Brick Pavers on Aggregate Base and Sand Bed	2,196.000 Ft		
0400	8037010 - _Brick Pavers, Rem	2,196.000 Sft		
0410	8100371 - Post, Steel, 3 lb	636.000 Ft		
0420	8100380 - Post, Wood, 4 inch by 6 inch	64.000 Ft		
0430	8100399 - Sign, Type IIB	23.000 Sft		
0440	8100403 - Sign, Type III, Rem	3.000 Ea		
0450	8100405 - Sign, Type IIIB	220.000 Sft		
0460	8110050 - Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	2.000 Ea		
0470	8110063 - Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	5.000 Ea		
0480	8110068 - Pavt Mrkg, Ovly Cold Plastic, Only	2.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0490	8110069 - Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	2.000 Ea		
0500	8110071 - Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	3.000 Ea		
0510	8110074 - Pavt Mrkg, Ovly Cold Plastic, School	2.000 Ea		
0520	8110109 - Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	100.000 Ft		
0530	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	1,460.000 Ft		
0540	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	190.000 Ft		
0550	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	22,516.000 Ft		
0560	8110233 - Pavt Mrkg, Waterborne, 6 inch, White	1,966.000 Ft		
0570	8110252 - Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	22,516.000 Ft		
0580	8110253 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	1,966.000 Ft		
0590	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0600	8110450 - Recessing Pavt Mrkg, Longit	1,460.000 Ft		
0610	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	20.000 Ea		
0620	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	20.000 Ea		
0630	8120026 - Pedestrian Type II Barricade, Temp	20.000 Ea		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0640	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	400.000		
		Ea		
0650	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	400.000		
		Ea		
0660	8120140 - Lighted Arrow, Type C, Furn	2.000		
		Ea		
0670	8120141 - Lighted Arrow, Type C, Oper	2.000		
		Ea		
0680	8120170 - Minor Traf Devices	1.000		
		LSUM		
0690	8120245 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	2,100.000		
		Ft		
0700	8120246 - Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	2,900.000		
		Ft		
0710	8120255 - Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Crosswalk	1,000.000		
		Ft		
0720	8120265 - Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	200.000		
		Ft		
0730	8120310 - Sign Cover	10.000		
		Ea		
0740	8120332 - Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	3.000		
		Ea		
0750	8120333 - Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	3.000		
		Ea		
0760	8120350 - Sign, Type B, Temp, Prismatic, Furn	1,500.000		
		Sft		
0770	8120351 - Sign, Type B, Temp, Prismatic, Oper	1,500.000		
		Sft		
0780	8120370 - Traf Regulator Control	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
0790	8122251 - Pedestrian Ramp, Temp	10.000		
		Ea		
0800	8162002 - Slope Restoration, Non-Freeway, Type B	300.000		
		Syd		
0810	8210001 - Monument Box	12.000		
		Ea		
0820	8210010 - Monument Preservation	12.000		
		Ea		
0830	8230431 - Gate Box, Adj, Case 1	12.000		
		Ea		
0840	8240001 - Contractor Staking	1.000		
		LSUM		
0850	8240002 - Staking Plan Errors and Extras, Max \$180/hour	12.000		
		Hr		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 58032-201009

Project(s): 201009A

Letting Number: 211105

Call Number: 050

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: 17051-210949**Project(s):** 210949A**Letting Number:** 211105**Call Number:** 051**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	1100001 - Mobilization, Max \$41,300.00	1.000 LSUM		
0020	2040020 - Curb and Gutter, Rem	215.000 Ft		
0030	2040055 - Sidewalk, Rem	117.000 Syd		
0040	2080020 - Erosion Control, Inlet Protection, Fabric Drop	7.000 Ea		
0050	3020001 - Aggregate Base	50.000 Ton		
0060	3070021 - Approach, CI II	200.000 Ton		
0070	3070121 - Shld, CI II	1,020.000 Ton		
0080	4030005 - Dr Structure Cover, Adj, Case 1	14.000 Ea		
0090	4030050 - Dr Structure Cover, Type K	4.000 Ea		
0100	4030280 - Dr Structure, Adj, Add Depth	3.000 Ft		
0110	4037001 - _Dr Structure, Cementitious Coating	10.000 Ft		
0120	5010005 - HMA Surface, Rem	132.000 Syd		
0130	5010025 - Hand Patching	38.000 Ton		



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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
0140	5020003 - Overband Crack Fill, Lane	4.960 Lnmi		
0150	5040030 - Micro-Surface, Warranty	14,350.000 Syd		
0160	5050001 - Seal, Single Chip	14,350.000 Syd		
0170	5050020 - Chip Seal, Double, Warranty	34,750.000 Syd		
0180	8030010 - Detectable Warning Surface	76.000 Ft		
0190	8030030 - Curb Ramp Opening, Conc	251.000 Ft		
0200	8032001 - Curb Ramp, Conc, 4 inch	500.000 Sft		
0210	8032002 - Curb Ramp, Conc, 6 inch	864.000 Sft		
0220	8070000 - Guardrail, Type B	100.000 Ft		
0230	8070100 - Guardrail Height, Adj	300.000 Ft		
0240	8070105 - Guardrail, Reconst, Type B	100.000 Ft		
0250	8100371 - Post, Steel, 3 lb	112.000 Ft		
0260	8100403 - Sign, Type III, Rem	4.000 Ea		
0270	8100405 - Sign, Type IIIB	54.000 Sft		
0280	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	104.000 Ft		
0290	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	23.000 Ft		
0300	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	7,135.000 Ft		

Schedule of Items

Report v1

Item Prices

Proposal Line Number	Item ID - Description	Approximate Quantity and Units	Unit Price	Bid Amount
0310	8110233 - Pavt Mrkg, Waterborne, 6 inch, White	25,330.000 Ft		
0320	8110252 - Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	7,135.000 Ft		
0330	8110253 - Pavt Mrkg, Waterborne, 2nd Application, 6 inch, White	25,330.000 Ft		
0340	8110351 - Witness, Log, \$1,250.00	1,250.000 Dlr	\$1.00	\$1,250.00
0350	8110414 - Pavt Mrkg, Polyurea, School	2.000 Ea		
0360	8120012 - Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	30.000 Ea		
0370	8120013 - Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	30.000 Ea		
0380	8120026 - Pedestrian Type II Barricade, Temp	22.000 Ea		
0390	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	192.000 Ea		
0400	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	192.000 Ea		
0410	8120140 - Lighted Arrow, Type C, Furn	3.000 Ea		
0420	8120141 - Lighted Arrow, Type C, Oper	3.000 Ea		
0430	8120170 - Minor Traf Devices	1.000 LSUM		
0440	8120281 - Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	528.000 Ea		
0450	8120310 - Sign Cover	25.000 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
0460	8120350 - Sign, Type B, Temp, Prismatic, Furn	492.000 Sft		
0470	8120351 - Sign, Type B, Temp, Prismatic, Oper	492.000 Sft		
0480	8120370 - Traf Regulator Control	1.000 LSUM		
0490	8122188 - Rumble Strip, Temp, Portable, Furn	24.000 Ea		
0500	8122189 - Rumble Strip, Temp, Portable, Oper	24.000 Ea		
0510	8162002 - Slope Restoration, Non-Freeway, Type B	99.000 Syd		
0520	8210005 - Monument Box Adj	5.000 Ea		
0530	8210010 - Monument Preservation	1.000 Ea		
0540	8210020 - Protect Corners	5.000 Ea		
0550	8230431 - Gate Box, Adj, Case 1	4.000 Ea		
0560	8240001 - Contractor Staking	1.000 LSUM		
0570	8240002 - Staking Plan Errors and Extras, Max \$180/hour	5.000 Hr		

Section 1 Total:**Total Bid:**



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Report v1

Proposal ID: 17051-210949

Project(s): 210949A

Letting Number: 211105

Call Number: 051

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: 32000-213154

Project(s): 213154A

Letting Number: 211105

Call Number: 052

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	1100001 - Mobilization, Max\$10,600.00	1.000 LSUM		
0020	8110125 - Pavt Mrkg, Regular Dry, 4 inch, White	1,001,500.000 Ft		
0030	8110126 - Pavt Mrkg, Regular Dry, 4 inch, Yellow	298,621.000 Ft		
0040	8120170 - Minor Traf Devices	1.000 LSUM		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 32000-213154

Project(s): 213154A

Letting Number: 211105

Call Number: 052

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: 28000-205773**Project(s):** 205773A**Letting Number:** 211105**Call Number:** 053**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	1100001 - Mobilization, Max\$83,100.00	1.000 LSUM		
0020	5050001 - Seal, Single Chip	287,797.000 Syd		
0030	5050015 - Seal, Fog	287,797.000 Syd		
0040	8110110 - Pavt Mrkg, Polyurea, 12 inch, Crosswalk	42.000 Ft		
0050	8110114 - Pavt Mrkg, Polyurea, 24 inch, Stop Bar	133.000 Ft		
0060	8110231 - Pavt Mrkg, Waterborne, 4 inch, White	166,201.000 Ft		
0070	8110232 - Pavt Mrkg, Waterborne, 4 inch, Yellow	135,046.000 Ft		
0080	8110405 - Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	2.000 Ea		
0090	8110412 - Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	1.000 Ea		
0100	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0110	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0120	8120170 - Minor Traf Devices	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
0130	8120281 - Raised Pavt Marker, Temp, Type 1, Yellow, Bidirectional	1,650.000 Ea		
0140	8120350 - Sign, Type B, Temp, Prismatic, Furn	512.000 Sft		
0150	8120351 - Sign, Type B, Temp, Prismatic, Oper	512.000 Sft		
0160	8120370 - Traf Regulator Control	1.000 LSUM		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 28000-205773

Project(s): 205773A

Letting Number: 211105

Call Number: 053

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: 54014-211035**Project(s):** 211035A**Letting Number:** 211105**Call Number:** 054**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	1100001 - Mobilization, Max \$33,200.00	1.000 LSUM		
0020	5020003 - Overband Crack Fill, Lane	33.400 Lnmi		
0030	5020027 - HMA Crack Treatment, Lane, Warranty	39.170 Lnmi		
0040	5020028 - HMA Crack Treatment, Ramp, Warranty	2.150 Lnmi		
0050	8120035 - Channelizing Device, 42 inch, Fluorescent, Furn	528.000 Ea		
0060	8120036 - Channelizing Device, 42 inch, Fluorescent, Oper	528.000 Ea		
0070	8120140 - Lighted Arrow, Type C, Furn	2.000 Ea		
0080	8120141 - Lighted Arrow, Type C, Oper	2.000 Ea		
0090	8120170 - Minor Traf Devices	1.000 LSUM		
0100	8120310 - Sign Cover	4.000 Ea		
0110	8120350 - Sign, Type B, Temp, Prismatic, Furn	736.000 Sft		
0120	8120351 - Sign, Type B, Temp, Prismatic, Oper	736.000 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
0130	8120370 - Traf Regulator Control	1.000		
		LSUM		
0140	8122028 - Speed Radar Trailer, Temp	1.000		
		Ea		
0150	8122188 - Rumble Strip, Temp, Portable, Furn	18.000		
		Ea		
0160	8122189 - Rumble Strip, Temp, Portable, Oper	18.000		
		Ea		

Section 1 Total:

Total Bid:



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Report v1

Proposal ID: 54014-211035

Project(s): 211035A

Letting Number: 211105

Call Number: 054

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 Pay Items

Report v1

Letting Call: 211105 055**Letting Date:** November 5, 2021**Contract ID:** 56000-212494**Description:** 0.23 mi of replacement of street light system on Saginaw Road from 7 Mile Road (Smith Road) to Oak Street in the village of Sanford, Midland County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
212494A	21A0944	N/A	ER 56000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$23,600.00	1100001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	30.000	Ft
0030	Pavt, Rem	2040050	108.000	Syd
0040	Sidewalk, Rem	2040055	830.000	Syd
0050	Erosion Control, Inlet Protection, Fabric Drop	2080020	8.000	Ea
0060	Subbase, CIP	3010002	125.000	Cyd
0070	HMA Surface, Rem	5010005	15.000	Syd
0080	Hand Patching	5010025	6.000	Ton
0090	_ Conc Surface Coating	7107011	29.000	Syd
0100	Driveway, Nonreinf Conc, 6 inch	8010005	108.000	Syd
0110	Curb and Gutter, Conc, Det F4	8020038	15.000	Ft
0120	Detectable Warning Surface	8030010	10.000	Ft
0130	Curb Ramp Opening, Conc	8030030	15.000	Ft
0140	Sidewalk, Conc, 4 inch	8030044	4,415.000	Sft
0150	Curb Ramp, Conc, 6 inch	8032002	100.000	Sft
0160	_ Stamped Colored Concrete, 4 inch	8037010	3,030.000	Sft
0170	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0180	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0190	Pedestrian Type II Barricade, Temp	8120026	8.000	Ea
0200	Pedestrian Type II Channelizer, Temp	8120027	200.000	Ft
0210	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	60.000	Ea
0220	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	60.000	Ea
0230	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0240	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Plastic Drum, Fluorescent, Furn	8120252	15.000	Ea
0270	Plastic Drum, Fluorescent, Oper	8120253	15.000	Ea

0280	Sign, Type B, Temp, Prismatic, Furn	8120350	350.000	Sft
0290	Sign, Type B, Temp, Prismatic, Oper	8120351	350.000	Sft
0300	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	50.000	Sft
0310	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	50.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	_ Sidewalk, Wood, Temp	8127001	100.000	Ft
0340	Conduit, DB, 1, 1 1/2 inch	8182048	1,150.000	Ft
0350	Cable, Rem	8182196	1,150.000	Ft
0360	_ Conductor, THWN, in Conduit, 600V, 1C, #6 AWG	8187001	3,770.000	Ft
0370	_ Equipment Grounding Conductor in Conduit, 1C, #6 AWG	8187001	1,500.000	Ft
0380	_ Light Std Fdn, Modified	8197050	11.000	Ea
0390	_ Light Std Fdn, Rem, Modified	8197050	11.000	Ea
0400	_ Street Light Assembly, Furnish and Install	8197050	12.000	Ea
0410	_ Street Light Assembly, Install Salvaged	8197050	3.000	Ea
0420	_ Street Light Assembly, Remove and Salvage	8197050	5.000	Ea
0430	_ Street Light Assembly, Repaint	8197050	17.000	Ea

Schedule of Pay Items

Report v1

Letting Call: 211105 056

Letting Date: November 5, 2021

Contract ID: 50031-210473

Description: Signal modernization includes steel strain poles, truss arms and video traffic detection system on various routes at multiple intersections, Macomb County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210473A	21A0906	N/A	HSIP 50031
210474A	21A0907	N/A	HSIP 50031

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$104,100.00	1100001	1.000	LSUM
0020	Sidewalk, Rem	2040055	165.000	Syd
0030	_ Sidewalk Ramp, ADA, Modified	8037010	1,485.000	Sft
0040	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	420.000	Ea
0050	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	420.000	Ea
0060	Lighted Arrow, Type C, Furn	8120140	8.000	Ea
0070	Lighted Arrow, Type C, Oper	8120141	8.000	Ea
0080	Minor Traf Devices	8120170	1.000	LSUM
0090	Sign Cover	8120310	20.000	Ea
0100	Sign, Type B, Temp, Prismatic, Furn	8120350	470.000	Sft
0110	Sign, Type B, Temp, Prismatic, Oper	8120351	470.000	Sft
0120	Traf Regulator Control	8120370	1.000	LSUM
0130	_ Turf Estabilshment	8167011	50.000	Syd
0140	Conduit, Rem	8182000	25.000	Ft
0150	Conduit, DB, 1, 3 inch	8182050	145.000	Ft
0160	Conduit, DB, 4, 3 inch	8182059	25.000	Ft
0170	Hh, Round	8182310	1.000	Ea
0180	Hh, Rem	8182330	3.000	Ea
0190	Wood Pole, Cl 4, 40 foot	8182351	9.000	Ea
0200	Serv Disconnect	8182366	5.000	Ea
0210	Wood Pole, Fit Up, TS Cable Pole	8182387	8.000	Ea
0220	_ Intersection Cable, Rem	8187051	1.000	LSUM
0230	_ Recable Intersection	8187051	1.000	LSUM
0240	Anchor Guy	8200001	49.000	Ea
0250	Case Sign, Rem	8200020	10.000	Ea
0260	Controller and Cabinet, Rem	8200030	2.000	Ea
0270	Controller Fdn, Rem	8200046	1.000	Ea

0280	Splice Box, Rem	8200086	4.000	Ea
0290	Span Wire	8200140	59.000	Ea
0300	Span Wire, Rem	8200141	36.000	Ea
0310	Guy, Rem	8200167	26.000	Ea
0320	Strut Guy	8200168	14.000	Ea
0330	TS, Bracket Arm Mtd, Rem	8200175	26.000	Ea
0340	TS, Pedestal Mtd, Rem	8200179	7.000	Ea
0350	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	56.000	Ea
0360	TS, Pedestrian, Pedestal Mtd, Rem	8200181	22.000	Ea
0370	TS, Span Wire Mtd, Rem	8200182	52.000	Ea
0380	Cabinet, NEMA Type	8200186	1.000	Ea
0390	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	56.000	Ea
0400	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	22.000	Ea
0410	Bracket, Truss, Rem	8200388	9.000	Ea
0420	Detector, Microwave Vehicle, Rem	8200403	2.000	Ea
0430	Strain Pole, Steel, 6 bolt, 30 foot	8200460	2.000	Ea
0440	Strain Pole Fdn, 6 Bolt	8200470	30.000	Ft
0450	Casing	8200480	30.000	Ft
0460	_ Case Sign (LED), One Way, 24 inch by 30 inch, Black	8207050	1.000	Ea
0470	_ Case Sign (LED), Two Way, 24 inch by 30 inch, Black	8207050	20.000	Ea
0480	_ Detector, Relocate	8207050	3.000	Ea
0490	_ Hemispherical Video Detection Camera, Modified	8207050	8.000	Ea
0500	_ Hemispherical Video Detection System, Modified	8207050	7.000	Ea
0510	_ OCA, ATC 2070, ITS	8207050	2.000	Ea
0520	_ OCA, ITS, Cabinet Foundation	8207050	1.000	Ea
0530	_ OCA, ITS, Cabinet Housing 3, Black	8207050	1.000	Ea
0540	_ OCA, ITS, Input Assembly	8207050	1.000	Ea
0550	_ OCA, ITS, Output Assembly, 14 Switch Pack	8207050	1.000	Ea
0560	_ OCA, Operational Test Certification	8207050	2.000	Ea
0570	_ Pushbutton and Sign, Black	8207050	8.000	Ea
0580	_ Pushbutton Post and Fdn, Black	8207050	2.000	Ea
0590	_ Radar Detection, Dilemma Zone	8207050	2.000	Ea
0600	_ Radar Detection, Rem	8207050	5.000	Ea
0610	_ Span Wire Tether, Modified	8207050	57.000	Ea
0620	_ Steel Truss Arm, Wood Pole Mount, 18 Foot, Salv	8207050	4.000	Ea
0630	_ Street Name Sign, One Way, (LED) Illuminated, 8 foot, Black	8207050	2.000	Ea
0640	_ Street Name Sign, Two Way, (LED) Illuminated, 8 foot, Black	8207050	30.000	Ea
0650	_ TS, Backplate, 3 Section	8207050	105.000	Ea
0660	_ TS, Backplate, 4 Section	8207050	24.000	Ea
0670	_ TS, Backplate, 5 Section	8207050	9.000	Ea
0680	_ TS, One Way Span Wire Mtd (LED), Modified	8207050	105.000	Ea

0690	_ TS, One Way Span Wire Mtd, Five Sect (LED), Modified	8207050	9.000	Ea
0700	_ TS, One Way Span Wire Mtd, FYA (LED), Modified	8207050	24.000	Ea
0710	_ Video Surveillance, Camera, Rem	8207050	2.000	Ea
0720	_ Video Surveillance, Camera, Salv	8207050	2.000	Ea
0730	_ Video Traf Detection Camera, Modified	8207050	2.000	Ea
0740	_ Video Traf Detection Camera, Rem, Modified	8207050	8.000	Ea
0750	_ Video Traf Detection System, Modified	8207050	1.000	Ea
0760	_ Wireless Interconnect, Access Point, Rem	8207050	6.000	Ea
0770	_ Wireless Interconnect, Integrated Radio, Rem	8207050	2.000	Ea
0780	_ Wireless Interconnect, Integrated Radio, Salv	8207050	2.000	Ea



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Schedule of Pay Items

Report v1

Letting Call: 211105 057**Letting Date:** November 5, 2021**Contract ID:** 20000-209844**Description:** Replacement of structure with two span prestressed concrete 48 inch box beam and approach work on Wakeley Bridge Road over the AuSable River, Crawford County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
209844A	N/A	N/A	BRT 20000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$237,100.00	1100001	1.000	LSUM
0020	Clearing	2010001	0.050	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	4.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	2.000	Ea
0060	Fence, Rem	2040025	254.000	Ft
0070	Guardrail, Rem	2040035	190.000	Ft
0080	Embankment, CIP	2050010	519.000	Cyd
0090	Excavation, Earth	2050016	958.000	Cyd
0100	Erosion Control, Check Dam, Stone	2080012	64.000	Ft
0110	Erosion Control, Silt Fence	2080036	1,380.000	Ft
0120	Erosion Control, Turbidity Curtain, Deep	2080042	600.000	Ft
0130	Subbase, CIP	3010002	799.000	Cyd
0140	Aggregate Base, 6 inch	3020016	3,608.000	Syd
0150	_ Aggregate Base, 24 inch	3027011	160.000	Syd
0160	Approach, CI I, 6 inch	3070008	151.000	Syd
0170	Shld, CI II, 5 inch	3070127	555.000	Syd
0180	Culv End Sect, 15 inch	4010015	6.000	Ea
0190	Culv, CI F, 15 inch	4010608	94.000	Ft
0200	Culv, Downspout, 12 inch	4010795	20.000	Ft
0210	HMA Surface, Rem	5010005	2,861.000	Syd
0220	HMA Approach	5010061	20.000	Ton
0230	HMA, 3EL	5012012	523.000	Ton
0240	HMA, 5EL	5012036	349.000	Ton
0250	Reinforcement, Steel, Culv and Headwall	7060091	80.000	Lb
0260	Downspout Header, Conc	8020070	2.000	Ea
0270	Curb and Gutter, Bridge Approach, Det 5	8022016	68.000	Ft
0280	Curb and Gutter, Bridge Approach, Det 7	8022018	59.000	Ft

0290	Guardrail, Type MGS-8	8070004	94.000	Ft
0300	Guardrail, Curved, Type MGS-8	8070012	32.000	Ft
0310	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0320	Guardrail Departing Terminal, Type MGS	8070052	2.000	Ea
0330	Guardrail Anch, Bridge, Det M1	8070130	4.000	Ea
0340	Post, Steel, 3 lb	8100371	70.000	Ft
0350	Sign, Type III, Rem	8100403	6.000	Ea
0360	Sign, Type IIIB	8100405	30.000	Sft
0370	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, White	8112144	2,140.000	Ft
0380	Pavt Mrkg, Wet Reflective Waterborne, 4 inch, Yellow	8112147	1,264.000	Ft
0390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	4.000	Ea
0400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	4.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Sign, Type B, Temp, Prismatic, Furn	8120350	580.000	Sft
0430	Sign, Type B, Temp, Prismatic, Oper	8120351	580.000	Sft
0440	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	280.000	Sft
0450	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	280.000	Sft
0460	_ Riprap, Fieldstone	8137021	169.000	Cyd
0470	_ Slope Restoration, Bonded Fiber Matrix	8167011	2,348.000	Syd
0480	_ Dry Hydrant, Bridge Mounted	8237050	1.000	Ea

Section: 2

0490	Structures, Rem	2040060	1.000	LSUM
0500	Excavation, Channel	2050015	600.000	Cyd
0510	Backfill, Structure, CIP	2060002	310.000	Cyd
0520	Excavation, Fdn	2060010	1,100.000	Cyd
0530	Underdrain, Fdn, 4 inch	4040031	240.000	Ft
0540	Underdrain Outlet, 4 inch	4040091	60.000	Ft
0550	Underdrain, Outlet Ending, 4 inch	4040111	6.000	Ea
0560	Cofferdams	7040007	1.000	LSUM
0570	Pile Driving Equipment, Furn	7050002	1.000	LSUM
0580	Pile, CIP Conc, Furn and Driven, 12 inch	7050020	3,545.000	Ft
0590	Test Pile, CIP Conc, 12 inch	7050021	6.000	Ea
0600	Pile, Steel, Splice	7050050	41.000	Ea
0610	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
0620	Bridge Ltg, Oper and Maintain	7060002	200.000	Cyd
0630	Conc, Low Temperature Protection	7060020	428.000	Cyd
0640	Expansion Joint Device	7060050	77.000	Ft
0650	False Decking	7060060	1,940.000	Sft
0660	Reinforcement, Steel, Epoxy Coated	7060092	55,032.000	Lb
0670	Substructure Conc	7060100	182.000	Cyd
0680	Superstructure Conc	7060110	46.000	Cyd
0690	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM

0700	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
0710	Superstructure Conc, Night Casting	7060113	200.000	Cyd
0720	Sealing Localized Cracks	7060220	1.000	LSUM
0730	Conc, Grade 3500	7062001	117.000	Cyd
0740	_ Modular Block Retaining Wall	7067010	649.000	Sft
0750	Bearing, Elastomeric, 1 3/4 inch	7070015	5,400.000	Sin
0760	Prest Conc Box Beam, Furn, 27 inch	7080065	639.000	Ft
0770	Prest Conc Box Beam, Erect, 27 inch	7080066	639.000	Ft
0780	Joint Waterproofing	7100001	186.000	Sft
0790	Joint Waterproofing, Expansion	7100003	162.000	Sft
0800	_ Silane Treatment	7107010	2,850.000	Sft
0810	_ Bridge Railing, 2 Tube, Modified	7117001	239.000	Ft



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Schedule of Pay Items

Report v1

Letting Call: 211105 058**Letting Date:** November 5, 2021**Contract ID:** 52000-208099

Description: Structure reconstruction includes a precast concrete three sided culvert and approach work on Loma Farms Road (County Road KE) over Big Garlic River, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
208099A	21A0833	N/A	HIPL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$54,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	0.250	Acre
0030	Guardrail, Rem	2040035	112.000	Ft
0040	Embankment, CIP	2050010	150.000	Cyd
0050	Excavation, Earth	2050016	500.000	Cyd
0060	Erosion Control, Silt Fence	2080036	600.000	Ft
0070	Subbase, CIP	3010002	450.000	Cyd
0080	Aggregate Base, 8 inch	3020020	1,125.000	Syd
0090	Maintenance Gravel, LM	3060021	2,140.000	Cyd
0100	_ Shoulder, CI II, 3 1/2 inch	3077011	225.000	Syd
0110	HMA, LVSP	5010703	170.000	Ton
0120	Curb and Gutter, Bridge Approach	8020010	140.000	Ft
0130	Guardrail, Type B	8070000	140.000	Ft
0140	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0150	Guardrail Reflector	8070080	16.000	Ea
0160	Delineator Reflector, White	8100134	26.000	Ea
0170	Post, Flexible, Delineator	8100360	22.000	Ea
0180	Post, Steel, 2 lb	8100370	36.000	Ft
0190	Sign, Type IIIB	8100405	37.000	Sft
0200	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0210	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Plastic Drum, Fluorescent, Furn	8120252	30.000	Ea
0240	Plastic Drum, Fluorescent, Oper	8120253	30.000	Ea
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	114.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	114.000	Sft
0270	Slope Restoration, Type B	8160101	300.000	Syd

0280	Slope Restoration, Type C	8160102	1,500.000	Syd
Section: 2				
0290	Structures, Rem (SN 6598)	2040060	1.000	LSUM
0300	Backfill, Structure, CIP	2060002	120.000	Cyd
0310	Excavation, Fdn	2060010	120.000	Cyd
0320	Erosion Control, Filter Bag	2080014	2.000	Ea
0330	Underdrain, Fdn, 4 inch	4040031	120.000	Ft
0340	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
0350	_ Culv, Precast Three-Sided or Arch, 41 foot by 3 foot	4067001	33.000	Ft
0360	Cofferdams (SN 6598)	7040007	1.000	LSUM
0370	Prebore, Fdn Piling	7050001	108.000	Ft
0380	Pile Driving Equipment, Furn (SN 6598)	7050002	1.000	LSUM
0390	Pile, Steel, Furn and Driven, 12 inch	7050030	333.000	Ft
0400	Test Pile, Steel, 12 inch	7050031	4.000	Ea
0410	Pile Point, Steel	7050039	18.000	Ea
0420	Reinforcement, Steel, Epoxy Coated	7060092	5,260.000	Lb
0430	Substructure Conc	7060100	30.000	Cyd
0440	Riprap, Heavy	8130005	65.000	Syd



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Schedule of Pay Items

Report v1

Letting Call: 211105 059**Letting Date:** November 5, 2021**Contract ID:** 41000-209309

Description: 0.05 mi of concrete sidewalk and ramps, retaining wall, pedestal signals and pavement markings along 44th Street SE from Eastern Avenue to Trade Drive in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
209309A	21A0829	N/A	TAU 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Preconstruction Documentation	1047051	1.000	LSUM
0020	Mobilization, Max \$35,400.00	1500001	1.000	LSUM
0030	Tree, Rem, 6 inch to 18 inch	2020004	48.000	Ea
0040	Dr Structure, Rem	2030011	1.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	16.000	Ft
0060	Curb and Gutter, Rem	2040020	140.000	Ft
0070	Pavt, Rem	2040050	90.000	Syd
0080	Sidewalk, Rem	2040055	40.000	Syd
0090	Exploratory Investigation, Vertical	2040080	40.000	Ft
0100	Embankment, CIP	2050010	140.000	Cyd
0110	Excavation, Earth	2050016	140.000	Cyd
0120	_ Sidewalk Grading	2057001	2,550.000	Ft
0130	Erosion Control, Silt Fence	2080036	2,500.000	Ft
0140	_ Storm Water Operator's Inspections	2087050	10.000	Ea
0150	_ Soil Erosion and Sedimentation Control	2087051	1.000	LSUM
0160	_ Soil Erosion and Sedimentation Control Plan	2087051	1.000	LSUM
0170	Subbase, CIP	3010002	165.000	Cyd
0180	_ Storm Sewer, C76, CI III, 12 inch	4027001	16.000	Ft
0190	_ Core and Boot 12 inch Sewer into Existing Manhole	4027050	1.000	Ea
0200	_ Catch Basin, Det S-3	4037050	1.000	Ea
0210	_ Dr Structure Cover, Adj, Special	4037050	5.000	Ea
0220	Conc Pavt, Nonreinf, 8 inch	6020104	69.000	Syd
0230	Lane Tie, Epoxy Anchored	6030030	164.000	Ea
0240	_ Curb and Gutter, Conc, Det P-5, Modified 18 Inch Pan	8027001	48.000	Ft
0250	Curb Ramp Opening, Conc	8030030	170.000	Ft
0260	Sidewalk Ramp, Conc, 6 inch	8030036	555.000	Sft
0270	Sidewalk, Conc, 4 inch	8030044	11,300.000	Sft

0280	Sidewalk, Conc, 6 inch	8030046	245.000	Sft
0290	_ Detectable Warning Surface, Modified	8037001	20.000	Ft
0300	Post, Steel, 3 lb	8100371	15.000	Ft
0310	Sign, Type III, Erect, Salv	8100402	1.000	Ea
0320	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	463.000	Ft
0330	Lighted Arrow, Type C, Furn	8120140	1.000	Ea
0340	Lighted Arrow, Type C, Oper	8120141	1.000	Ea
0350	Minor Traf Devices	8120170	1.000	LSUM
0360	Plastic Drum, Fluorescent, Furn	8120252	100.000	Ea
0370	Plastic Drum, Fluorescent, Oper	8120253	100.000	Ea
0380	Sign, Type B, Temp, Prismatic, Furn	8120350	240.000	Sft
0390	Sign, Type B, Temp, Prismatic, Oper	8120351	240.000	Sft
0400	Traf Regulator Control	8120370	1.000	LSUM
0410	_ Riprap, Special	8137011	107.000	Syd
0420	Site Preparation, Max \$4,900.00	8150001	1.000	LSUM
0430	Watering and Cultivating, First Season, Min \$2,380.00	8150002	1.000	LSUM
0440	Watering and Cultivating, Second Season, Min \$2,940.00	8150003	1.000	LSUM
0450	Acer rubrum Red Sunset, 2 inch	8150145	11.000	Ea
0460	Picea glauca, 5 foot	8152758	17.000	Ea
0470	_ Sulfur Application	8157010	12,450.000	Sft
0480	_ Protect Tree	8157050	50.000	Ea
0490	_ Root Pruning	8157051	1.000	LSUM
0500	_ Turf Establishment	8167011	3,000.000	Syd
0510	_ Turf Watering	8167050	16.000	Ea
0520	Conduit, DB, 1, 1 1/2 inch	8190027	50.000	Ft
0530	Conduit, DB, 1, 3 inch	8190029	20.000	Ft
0540	Conduit, Directional Bore, 3 inch	8190044	60.000	Ft
0550	Hh, Adj	8190244	2.000	Ea
0560	Hh, Round	8190260	1.000	Ea
0570	Light Std Arm, Install Salv	8190276	1.000	Ea
0580	Light Std Arm, Rem	8190277	1.000	Ea
0590	Light Std Fdn	8190279	1.000	Ea
0600	Light Std Fdn, Rem	8190280	1.000	Ea
0610	Light Std Shaft, Install Salv	8190301	1.000	Ea
0620	Light Std Shaft, Rem	8190305	1.000	Ea
0630	Luminaire, Install Salv	8190350	1.000	Ea
0640	Luminaire, Rem	8190360	1.000	Ea
0650	_ Conductor, (4), #6 CU U.S.E 600V Insulation	8197001	50.000	Ft
0660	_ Conduit, Direct Buried, Schedule 40 PVC, (1) 2 Inch	8197001	50.000	Ft
0670	_ Lightpole, Relocate	8197050	2.000	Ea
0680	_ Street Lighting, Pole, 35 Foot Fiberglass	8197050	2.000	Ea
0690	Case Sign, Rem	8200020	1.000	Ea
0700	Case Sign, Salv	8200039	1.000	Ea
0710	Fdn, Rem	8200065	1.000	Ea

0720	Pedestal, Alum	8200100	3.000	Ea
0730	Pedestal, Fdn	8200105	4.000	Ea
0740	Pushbutton and Sign	8200121	5.000	Ea
0750	Pushbutton, Rem	8200122	2.000	Ea
0760	Pushbutton Pedestal, Alum	8200123	1.000	Ea
0770	Span Wire	8200140	1.000	Ea
0780	Span Wire, Rem	8200141	1.000	Ea
0790	Steel Pole, Rem	8200145	1.000	Ea
0800	Strain Pole, Steel, Anchor Base, 30 foot	8200155	1.000	Ea
0810	Strain Pole, Steel, Anchor Fdn	8200165	1.000	Ea
0820	TS, Bracket Arm Mtd, Rem	8200175	1.000	Ea
0830	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	1.000	Ea
0840	TS, Pedestrian, Pedestal Mtd, Rem	8200181	1.000	Ea
0850	TS, Span Wire Mtd, Rem	8200182	2.000	Ea
0860	TS, Two Way Span Wire Mtd, Salv	8200201	2.000	Ea
0870	TS, One Way Bracket Arm Mtd, Salv	8200221	1.000	Ea
0880	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0890	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	2.000	Ea
0900	Video Traf Detection Camera, Rem	8200384	1.000	Ea
0910	Vehicle Traf Detection Camera, Salv	8200440	1.000	Ea
0920	_ Hydrant, Relocate, Special	8237050	3.000	Ea
0930	_ Underground Sprinkling Systems, Restore	8237060	20,000.000	Dlr



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Schedule of Pay Items

Report v1

Letting Call: 211105 060**Letting Date:** November 5, 2021**Contract ID:** 82000-210483

Description: 16.64 mi of centerline corrugations, concrete sidewalks and ramps, signal improvements and pavement markings on various routes in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
210483A	21A0977	N/A	HSIP 82000
210485A	21A0979	N/A	HSIP 82000
210492A	21A0980	N/A	HSIP 82000
210494A	21A0981	N/A	HSIP 82000
210495A	21A0982	N/A	HSIP 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$180,000.00	1100001	1.000	LSUM
0020	Pavt, Rem	2040050	634.000	Syd
0030	_ Curb, Rem, Modified	2047001	1,949.000	Ft
0040	_ Sidewalk, Rem, Modified	2047011	2,897.000	Syd
0050	Excavation, Earth	2050016	682.000	Cyd
0060	Granular Material, CI II	2050023	200.000	Cyd
0070	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
0080	_ Dr Structure Cleaning, Modified	4037050	100.000	Ea
0090	_ Dr Structure Cover, Adj, Case 1, Special	4037050	25.000	Ea
0100	HMA Surface, Rem	5010005	250.000	Syd
0110	Hand Patching	5010025	50.000	Ton
0120	Driveway, Nonreinf Conc, 8 inch	8010007	1,548.000	Syd
0130	Curb, Conc, Det E4	8020004	929.000	Ft
0140	Detectable Warning Surface	8030010	414.000	Ft
0150	Curb Ramp Opening, Conc	8030030	962.000	Ft
0160	Sidewalk, Conc, 4 inch	8030044	22,673.000	Sft
0170	Sidewalk, Conc, 6 inch	8030046	1,656.000	Sft
0180	Curb Ramp, Conc, 6 inch	8032002	5,760.000	Sft
0190	_ Sidewalk, Conc, 4 inch, With Tree Roots, Modified	8037010	109.000	Sft
0200	_ Sidewalk, Conc, 6 inch, With Tree Roots, Modified	8037010	498.000	Sft
0210	Band, Sign	8100010	172.000	Ea
0220	Post Hole Through Conc for Steel Post	8100340	49.000	Ea
0230	Post, Steel, 3 lb	8100371	1,125.000	Ft

0240	Sign, Type III, Erect, Salv	8100402	56.000	Ea
0250	Sign, Type III, Rem	8100403	27.000	Ea
0260	Sign, Type IIIB	8100405	717.000	Sft
0270	Reflective Panel for Permanent Sign Support, 6 foot	8100616	382.000	Ea
0280	_ Driver's Speed Feedback Sign	8107050	8.000	Ea
0290	_ DSFS, Remove Old Sign	8107050	2.000	Ea
0300	_ DSFS, Remove Old Solar Panel	8107050	2.000	Ea
0310	_ DSFS, Solar Panel, Power Supply	8107050	8.000	Ea
0320	Pavt Mrkg, Polyurea, 4 inch, White	8110091	18,280.000	Ft
0330	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	20,350.000	Ft
0340	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, White	8110108	14,450.000	Ft
0350	Pavt Mrkg, Polyurea, 12 inch, Cross Hatching, Yellow	8110109	4,300.000	Ft
0360	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	7,100.000	Ft
0370	Pavt Mrkg, Polyurea, 18 inch, Stop Bar	8110113	6,410.000	Ft
0380	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	400.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	116,400.000	Ft
0400	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	196,911.000	Ft
0410	Rem Spec Mrkg	8110343	8,204.000	Sft
0420	Pavt Mrkg, Polyurea, Bus	8110400	43.000	Ea
0430	Pavt Mrkg, Polyurea, Rt and Lt Turn Arrow Sym	8110404	4.000	Ea
0440	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	88.000	Ea
0450	Pavt Mrkg, Polyurea, Only	8110410	107.000	Ea
0460	Pavt Mrkg, Polyurea, Railroad Sym	8110411	6.000	Ea
0470	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	11.000	Ea
0480	Pavt Mrkg, Polyurea, Stop	8110415	43.000	Ea
0490	Pavt Mrkg, Polyurea, Thru and Lt Turn Arrow Sym	8110416	5.000	Ea
0500	Pavt Mrkg, Polyurea, Thru and Rt Turn Arrow Sym	8110417	4.000	Ea
0510	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	8.000	Ea
0520	Recessing Pavt Mrkg, Transv	8110451	26,655.000	Sft
0530	_ Pavt Mrkg, Polyurea, No Left Turn Legend	8117050	2.000	Ea
0540	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	70.000	Ea
0550	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	70.000	Ea
0560	Pedestrian Type II Barricade, Temp	8120026	120.000	Ea
0570	Lighted Arrow, Type C, Furn	8120140	24.000	Ea
0580	Lighted Arrow, Type C, Oper	8120141	24.000	Ea
0590	Minor Traf Devices	8120170	1.000	LSUM
0600	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	41,750.000	Ft
0610	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	300.000	Ft
0620	Plastic Drum, Fluorescent, Furn	8120252	1,200.000	Ea
0630	Plastic Drum, Fluorescent, Oper	8120253	1,200.000	Ea
0640	Sign, Type B, Temp, Prismatic, Furn	8120350	600.000	Sft
0650	Sign, Type B, Temp, Prismatic, Oper	8120351	600.000	Sft
0660	Slope Restoration, Non-Freeway, Type A	8162001	481.000	Syd

0670	_ Hh, Clean	8197050	4.000	Ea
0680	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	14.000	Ea
0690	TS, Pedestrian, Pedestal Mtd, Rem	8200181	5.000	Ea
0700	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
0710	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	10.000	Ea
0720	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	2.000	Ea
0730	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	3.000	Ea
0740	_ Conduit, Clean and Test	8207001	80.000	Ft
0750	_ Louvered Backplate	8207050	213.000	Ea
0760	Centerline Corrugations, Milled, HMA	8220013	52,100.000	Ft
0770	_ Water Shutoff, Adj, Case 1, Modified	8237050	3.000	Ea
