



11/9/2017 5:59 PM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171215 901

Letting Date: December 15,
2017

Contract ID: 82191-119187

Description: 4.46 mi of rehabilitation and reconstruction, CPM work and approach work on 11 structures over I-75 in the cities of Taylor and Southgate, Wayne County. This project includes a 2 year concrete surface coating warranty and a 2 year bridge painting warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119187A	1800033	N/A	IM 82191
122199A	1800034	N/A	IM 82191
128775A	1800036	N/A	IM 82191
129138A	1800041	N/A	IM 82191
200572A	1800042	N/A	NH 82191

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Northbound I-75 Early Open-To-Traffic Incentive	1077060	350,000.000	Dlr
0020	_ Southbound I-75 Early Open-To-Traffic Incentive	1077060	350,000.000	Dlr
0030	Critical Path Method Schedule	1080005	15,000.000	Dlr
0040	Mobilization, Max \$2,364,600.00	1500001	1.000	LSUM
0050	Clearing	2010001	0.570	Acre
0060	Dr Structure, Rem	2030011	16.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	1,070.000	Ft
0080	Asbestos Materials, Rem and Disposal	2040001	122,500.000	Dlr
0090	Concrete Barrier, Rem	2040010	6,004.000	Ft
0100	Curb and Gutter, Rem	2040020	32.000	Ft
0110	Guardrail, Rem	2040035	5,381.000	Ft
0120	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0130	Pavt, Rem	2040050	35,843.000	Syd
0140	Sidewalk, Rem	2040055	807.000	Syd
0150	Exploratory Investigation, Vertical	2040080	40.000	Ft
0160	Embankment, CIP	2050010	9,450.000	Cyd
0170	Excavation, Earth	2050016	19,662.000	Cyd
0180	Subgrade Undercutting, Type I	2050040	200.000	Cyd
0190	Erosion Control, Gravel Access Approach	2080016	6.000	Ea
0200	Erosion Control, Gravel Filter Berm	2080018	180.000	Ft
0210	Erosion Control, Inlet Protection, Fabric Drop	2080020	84.000	Ea
0220	Erosion Control, Inlet Protection, Sediment Trap	2080024	2.000	Ea
0230	Erosion Control, Maintenance, Sediment Removal	2080026	115.000	Cyd

0240	Erosion Control, Silt Fence	2080036	11,527.000	Ft
0250	Project Cleanup	2090001	1.000	LSUM
0260	Subbase, CIP	3010002	138.000	Cyd
0270	_ Open-Graded Dr Cse, 16 inch	3037011	38,426.000	Syd
0280	Shoulder, CI II, 6 inch	3070128	278.000	Syd
0290	_ Shoulder, CI II, 12 inch	3077011	1,046.000	Syd
0300	Geotextile, Separator	3080005	46,109.000	Syd
0310	Culv End Sect, 12 inch	4010012	2.000	Ea
0320	Culv, Downspout, 12 inch	4010795	490.000	Ft
0330	Dr Marker Post	4011109	219.000	Ea
0340	Sewer, CI A, 12 inch, Tr Det B	4020033	182.000	Ft
0350	Sewer, CI A, 15 inch, Tr Det B	4020034	34.000	Ft
0360	Video Taping Sewer and Culv Pipe	4021275	706.000	Ft
0370	Dr Structure Cover, Adj, Case 1	4030005	6.000	Ea
0380	Dr Structure Cover, Type B	4030010	2.000	Ea
0390	Dr Structure Cover, Type CX	4030020	10.000	Ea
0400	Dr Structure Cover, Type E	4030035	1.000	Ea
0410	Dr Structure Cover, Type W	4030080	2.000	Ea
0420	Dr Structure Cover, Type VG	4030090	7.000	Ea
0430	Dr Structure, 48 inch dia	4030210	15.000	Ea
0440	Dr Structure, Tap, 15 inch	4030315	1.000	Ea
0450	Underdrain, Pipe, Open-Graded, 6 inch	4040043	12,746.000	Ft
0460	Underdrain Outlet, 6 inch	4040093	2,263.000	Ft
0470	Underdrain, Outlet Ending, 6 inch	4040113	71.000	Ea
0480	_ Underdrain Outlet, 6 inch, Modified	4047001	1,458.000	Ft
0490	_ Underdrain Outlet Cleanout	4047050	135.000	Ea
0500	HMA Surface, Rem	5010005	3,285.000	Syd
0510	HMA Quality Initiative	5010007	136.000	Dlr
0520	Hand Patching	5010025	38.000	Ton
0530	HMA Approach	5010061	30.000	Ton
0540	Conc Base Cse, Nonreinf, 9 inch	6020021	268.000	Syd
0550	Joint, Contraction, Cp	6020200	12,131.000	Ft
0560	Joint, Contraction, C3p	6020201	6,445.000	Ft
0570	Joint, Expansion, E2	6020207	1,715.000	Ft
0580	Joint, Expansion, E3	6020208	1,178.000	Ft
0590	Joint, Expansion, E4	6020209	901.000	Ft
0600	Conc Quality Initiative	6020401	111,421.000	Dlr
0610	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	20,212.000	Syd
0620	Shoulder, Nonreinf Conc, High Performance	6020524	11,415.000	Syd
0630	_ Conc Pavt, Nonreinf, 13 inch	6027011	1,312.000	Syd
0640	Joint, Contraction, Crg	6030020	34,090.000	Ft
0650	Lane Tie, Epoxy Anchored	6030030	11,207.000	Ea
0660	Pavt Repr, Nonreinf Conc, 12 inch	6030052	2,557.000	Syd
0670	Pavt Repr, Nonreinf Conc, 13 inch	6030053	12,030.000	Syd
0680	Pavt Repr, Rem	6030080	14,587.000	Syd

0690	Saw Cut, Intermediate	6030090	3,288.000	Ft
0700	Sawing and Sealing Longit Pavt Joints	6030095	1,983.000	Ft
0710	Resealing Trans Joints with Hot-Poured Rubber	6030100	30,500.000	Ft
0720	Resealing Longit Joints with Hot-Poured Rubber	6030101	9,600.000	Ft
0730	_ Roadway Stabilization with High Density Polyurethane	6037030	142,752.000	Lb
0740	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	3,509.000	Syd
0750	Conc, Grade S2	7060011	10.000	Cyd
0760	Reinforcement, Steel, Culv and Headwall	7060091	400.000	Lb
0770	Curb and Gutter, Bridge Approach	8020010	915.000	Ft
0780	Curb and Gutter, Conc, Det D3	8020032	2,897.000	Ft
0790	Shoulder Gutter, Conc, Det 2	8020056	6.000	Ea
0800	Valley Gutter, Conc	8020060	1,690.000	Ft
0810	Divider, Nonreinf Conc, Type 1	8020066	1,468.000	Sft
0820	Spillway, Conc	8020075	229.000	Ft
0830	Sidewalk, Conc, 4 inch	8030044	11,235.000	Sft
0840	Conc Barrier, Single Face, Type C	8040003	2,441.000	Ft
0850	Guardrail, Type T	8070002	425.000	Ft
0860	Guardrail, Type MGS-8	8070004	3,938.000	Ft
0870	Guardrail, Type MGS-8D	8070009	2,113.000	Ft
0880	Guardrail Anch, Bridge, Det T1	8070022	23.000	Ea
0890	Guardrail Anch, Bridge, Det T4	8070025	1.000	Ea
0900	Guardrail Anch, Bridge, Det T5	8070026	5.000	Ea
0910	Guardrail Approach Terminal, Type 3B	8070038	1.000	Ea
0920	Guardrail Approach Terminal, Type 1B	8070040	10.000	Ea
0930	Guardrail Departing Terminal, Type MGS	8070052	6.000	Ea
0940	Guardrail Reflector	8070080	161.000	Ea
0950	_ Flexible Guardrail Delineator (White)	8077050	50.000	Ea
0960	_ Flexible Guardrail Delineator (Yellow)	8077050	210.000	Ea
0970	Fence, Protective	8080007	2,990.000	Ft
0980	Bridge Sign Connection, Conc, Type A1	8100031	7.000	Ea
0990	Bridge Sign Connection, Type A, Rem	8100080	7.000	Ea
1000	Column, Breakaway, W8 x 18	8100121	2.000	Ea
1010	Delineator Reflector, Green	8100133	16.000	Ea
1020	Fdn, Breakaway, W8 x 18	8100161	2.000	Ea
1030	Fdn, Wood Support, Rem	8100280	26.000	Ea
1040	Installing MDOT Supplied Sign, Type III	8100302	2.000	Ea
1050	Perforated Steel Square Tube Breakaway System	8100330	3.000	Ea
1060	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	2.000	Ea
1070	Post, Rigid, Delineator	8100361	16.000	Ea
1080	Post, Steel, 3 lb	8100371	132.000	Ft
1090	Post, Wood, 4 inch by 6 inch	8100380	248.000	Ft
1100	Post, Wood, 6 inch by 8 inch	8100382	56.000	Ft
1110	Sign, Type I, Rem	8100391	2.000	Ea

1120	Sign, Type IA	8100392	146.000	Sft
1130	Sign, Type IB	8100393	18.000	Sft
1140	Sign, Type II, Rem	8100397	16.000	Ea
1150	Sign, Type IIA	8100398	120.000	Sft
1160	Sign, Type IIB	8100399	79.000	Sft
1170	Sign, Type III, Rem	8100403	20.000	Ea
1180	Sign, Type IIIA	8100404	86.000	Sft
1190	Sign, Type IIIB	8100405	17.000	Sft
1200	Sign, Type VB	8100425	48.000	Sft
1210	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	376.000	Ft
1220	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	34.000	Ea
1230	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	4.000	Ea
1240	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	4.000	Ea
1250	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	6.000	Ea
1260	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	2.000	Ea
1270	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,128.000	Ft
1280	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	1,033.000	Ft
1290	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	22,237.000	Ft
1300	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	36,243.000	Ft
1310	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	36,440.000	Ft
1320	Rem Spec Mrkg	8110343	70.000	Sft
1330	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
1340	Recessing Pavt Mrkg, Longit	8110450	201,732.000	Ft
1350	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	41,570.000	Ft
1360	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, White	8110501	71,130.000	Ft
1370	Pavt Mrkg, Wet Retrflec Polyurea, 12 inch, White	8110503	11,938.000	Ft
1380	Pavt Mrkg, Wet Retrflec Polyurea, 6 inch, Yellow	8110505	82,580.000	Ft
1390	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	145.000	Ea
1400	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	145.000	Ea
1410	Barricade, Type III, High Intensity, Lighted, Furn	8120022	58.000	Ea
1420	Barricade, Type III, High Intensity, Lighted, Oper	8120023	58.000	Ea
1430	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	39.000	Ea
1440	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	13.000	Ea
1450	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	13.000	Ea
1460	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	5.000	Ea
1470	Conc Barrier Reflector Replacement	8120070	620.000	Ea
1480	Conc Barrier, Temp, Adj	8120080	29,340.000	Ft
1490	Conc Barrier, Temp, Furn	8120081	11,240.000	Ft
1500	Conc Barrier, Temp, Oper	8120082	11,240.000	Ft
1510	Conc Barrier, Temp, Relocated	8120083	1,800.000	Ft
1520	High Intensity Light, Type B, Furn	8120110	21.000	Ea
1530	High Intensity Light, Type B, Oper	8120111	21.000	Ea

1540	Lighted Arrow, Type C, Furn	8120140	11.000	Ea
1550	Lighted Arrow, Type C, Oper	8120141	11.000	Ea
1560	Ltg for Night Work	8120160	1.000	LSUM
1570	Minor Traf Devices	8120170	1.000	LSUM
1580	Mobile Attenuator	8120180	13.000	Ea
1590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	3,690.000	Ft
1600	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	35,020.000	Ft
1610	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	4,540.000	Ft
1620	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	50,440.000	Ft
1630	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	19,860.000	Ft
1640	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	163,330.000	Ft
1650	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	83,890.000	Ft
1660	Plastic Drum, Fluorescent, Furn	8120252	1,860.000	Ea
1670	Plastic Drum, Fluorescent, Oper	8120253	1,860.000	Ea
1680	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	8.000	Ea
1690	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	17.000	Ea
1700	Sign Cover	8120310	88.000	Ea
1710	Sign Cover, Type 1	8120320	29.000	Ea
1720	Sign, Type A, Temp, Prismatic, Furn	8120340	990.000	Sft
1730	Sign, Type A, Temp, Prismatic, Oper	8120341	990.000	Sft
1740	Sign, Type B, Temp, Prismatic, Furn	8120350	7,760.000	Sft
1750	Sign, Type B, Temp, Prismatic, Oper	8120351	7,760.000	Sft
1760	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	4,130.000	Sft
1770	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	4,130.000	Sft
1780	Traf Regulator Control	8120370	1.000	LSUM
1790	_ Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8127001	640.000	Ft
1800	_ Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8127001	640.000	Ft
1810	_ Conc Barrier, Temp, Limited Deflection, Det 4A, Adj	8127001	100.000	Ft
1820	_ Conc Barrier, Temp, Limited Deflection, Det 4A, Furn	8127001	620.000	Ft
1830	_ Conc Barrier, Temp, Limited Deflection, Det 4A, Oper	8127001	620.000	Ft
1840	_ Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8127001	200.000	Ft
1850	_ Temp Rumble Strips (Orange)	8127001	1,030.000	Ft
1860	_ Conc Barrier, Temp, Limited Deflection, J1/J2 Assembly, Furn	8127050	8.000	Ea
1870	_ Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8127050	30.000	Ea
1880	_ Delineator, Flexible, Temp, Furn	8127050	20.000	Ea
1890	_ Delineator, Flexible, Temp, Oper	8127050	20.000	Ea
1900	_ Pavt Mrkg, Wet Reflective, Type R, Tape, Only	8127050	19.000	Ea
1910	_ Pedestrian Type II Barricade, Temp	8127050	15.000	Ea

1920	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	14.000	Ea
1930	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	14.000	Ea
1940	Riprap, Plain	8130010	108.000	Syd
1950	Site Preparation, Max \$13,500.00	8150001	1.000	LSUM
1960	Watering and Cultivating, First Season, Min \$7,600.00	8150002	1.000	LSUM
1970	Watering and Cultivating, Second Season, Min \$9,400.00	8150003	1.000	LSUM
1980	Acer rubrum Red Sunset, 2 inch	8150145	10.000	Ea
1990	Aesculus hippocastanum, 2 inch	8150267	10.000	Ea
2000	Crataegus crusgalli Inermis, 2 inch	8151132	10.000	Ea
2010	Ginko biloba Autumn Gold, 2 inch	8151632	10.000	Ea
2020	Gymnocladus dioicus, 2 inch	8151676	10.000	Ea
2030	Liriodendron tulipifera, 2 inch	8152177	10.000	Ea
2040	Malus David, 2 inch	8152300	10.000	Ea
2050	Malus Professor Sprenger, 2 inch	8152318	10.000	Ea
2060	Picea abies, 4 foot	8152740	20.000	Ea
2070	Pinus nigra, 4 foot	8152841	20.000	Ea
2080	Quercus rubra, 2 inch	8153126	10.000	Ea
2090	Syringa reticulata 'Ivory Silk', 1 3/4 inch	8153717	10.000	Ea
2100	_ Tilia cordata 'Chancole', 2 inch	8157050	10.000	Ea
2110	Seeding, Mixture CR	8160035	280.000	Lb
2120	_ Turf Establishment, Performance	8167011	28,252.000	Syd
2130	Hh, Adj	8190244	2.000	Ea
2140	TS, Bag	8200450	17.000	Ea
2150	TS, Bag, Rem	8200451	17.000	Ea
2160	Shoulder Corrugations, Ground or Cut, Conc	8220000	20,293.000	Ft
2170	Gate Valve, 16 inch	8230065	2.000	Ea
2180	Gate Well,Rem	8230076	1.000	Ea
2190	Water Main, DI, 8 inch, Tr Det G	8230156	10.000	Ft
2200	Water Main, DI, 16 inch, Tr Det G	8230171	109.000	Ft
2210	Gate Well, 72 inch dia	8230372	2.000	Ea
2220	Polyethylene Encasement	8230440	101.000	Ft
2230	_ Water Main, PVC, 16 inch, Thermal Fused, Directional Bore	8237001	260.000	Ft
2240	_ Gate Well Cover	8237050	2.000	Ea
2250	Contractor Staking	8240001	1.000	LSUM
2260	Staking Plan Errors and Extras, One Person	8240020	186.000	Hr
2270	Staking Plan Errors and Extras, Two Person	8240021	75.000	Hr
2280	Staking Plan Errors and Extras, Three Person	8240022	112.000	Hr
2290	Flowable Fill, Non-Structural	8260148	78.000	Cyd

Section: 2

2300	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd
2310	_ Excavation, Channel, Special	2057021	380.000	Cyd

2320	_ Excavation, Under Structures	2057021	770.000	Cyd
2330	Backfill, Structure, CIP	2060002	14,040.000	Cyd
2340	Excavation, Fdn	2060010	16,890.000	Cyd
2350	_ Backfill, Fine Aggregate, LM	2067021	27.000	Cyd
2360	_ Fill, Lightweight, EPS Block	2067021	2,129.000	Cyd
2370	Underdrain, Fdn, 6 inch	4040033	5,380.000	Ft
2380	_ Conc Base Cse, Reinf, Variable Thickness	6027021	418.000	Cyd
2390	Cofferdams, Left in Place (B01 of 82191)	7040009	1.000	LSUM
2400	Cofferdams, Left in Place (B02 of 82191)	7040009	1.000	LSUM
2410	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	2,510.000	Sft
2420	_ Steel Sheet Piling, Temp, Special	7047010	2,510.000	Sft
2430	_ Bypass Pumping	7047050	2.000	Ea
2440	_ Construction Dam	7047050	2.000	Ea
2450	Prebore, Fdn Piling	7050001	1,084.000	Ft
2460	Pile Point, Steel	7050039	166.000	Ea
2470	Pile, Steel, Splice	7050050	354.000	Ea
2480	_ Pile, Steel, Furn and Driven, 12 inch, LFD	7057001	12,795.000	Ft
2490	_ Test Pile, Steel, 12 inch, LFD	7057050	25.000	Ea
2500	_ Pile Driving Equipment, Furn, LFD(B01 of 82191)	7057051	1.000	LSUM
2510	_ Pile Driving Equipment, Furn, LFD(B02 of 82191)	7057051	1.000	LSUM
2520	_ Pile Driving Equipment, Furn, LFD(S13 of 82191)	7057051	1.000	LSUM
2530	_ Pile Driving Equipment, Furn, LFD(S14-1 of 82191)	7057051	1.000	LSUM
2540	_ Pile Driving Equipment, Furn, LFD(S14-2 of 82191)	7057051	1.000	LSUM
2550	_ Pile Driving Equipment, Furn, LFD(S17-1 of 82191)	7057051	1.000	LSUM
2560	_ Pile Driving Equipment, Furn, LFD(S17-2 of 82191)	7057051	1.000	LSUM
2570	Bridge Ltg, Furn and Rem (B01 of 82191)	7060001	1.000	LSUM
2580	Bridge Ltg, Furn and Rem (B02 of 82191)	7060001	1.000	LSUM
2590	Bridge Ltg, Furn and Rem (S13 of 82191)	7060001	1.000	LSUM
2600	Bridge Ltg, Furn and Rem (S14-1 of 82191)	7060001	1.000	LSUM
2610	Bridge Ltg, Furn and Rem (S14-2 of 82191)	7060001	1.000	LSUM
2620	Bridge Ltg, Furn and Rem (S17-1 of 82191)	7060001	1.000	LSUM
2630	Bridge Ltg, Furn and Rem (S17-2 of 82191)	7060001	1.000	LSUM
2640	Bridge Ltg, Oper and Maintain	7060002	2,425.000	Cyd
2650	Conc, Grade D	7060010	132.000	Cyd
2660	Conc, Grade S2, Subfooting	7060012	42.000	Cyd
2670	Conc, Grade T	7060013	102.000	Cyd
2680	Expansion Joint Device	7060050	1,533.000	Ft
2690	False Decking	7060060	89,517.000	Sft
2700	Reinforcement, Steel	7060090	160.000	Lb
2710	Reinforcement, Steel, Epoxy Coated	7060092	712,804.000	Lb
2720	Substructure Conc, High Performance	7060101	966.000	Cyd
2730	Superstructure Conc, Form, Finish, and Cure (S13 of 82191)	7060111	1.000	LSUM
2740	Superstructure Conc, Form, Finish, and Cure (S14-1 of 82191)	7060111	1.000	LSUM

2750	Superstructure Conc, Form, Finish, and Cure (S14-2 of 82191)	7060111	1.000	LSUM
2760	Superstructure Conc, Form, Finish, and Cure (S17-1 of 82191)	7060111	1.000	LSUM
2770	Superstructure Conc, Form, Finish, and Cure (S17-2 of 82191)	7060111	1.000	LSUM
2780	Superstructure Conc, Form, Finish, and Cure, Night Casting (B01 of 82191)	7060112	1.000	LSUM
2790	Superstructure Conc, Form, Finish, and Cure, Night Casting (B02 of 82191)	7060112	1.000	LSUM
2800	Superstructure Conc, Form, Finish, and Cure, Night Casting (S13 of 82191)	7060112	1.000	LSUM
2810	Superstructure Conc, Form, Finish, and Cure, Night Casting (S14-1 of 82191)	7060112	1.000	LSUM
2820	Superstructure Conc, Form, Finish, and Cure, Night Casting (S14-2 of 82191)	7060112	1.000	LSUM
2830	Superstructure Conc, Form, Finish, and Cure, Night Casting (S17-1 of 82191)	7060112	1.000	LSUM
2840	Superstructure Conc, Form, Finish, and Cure, Night Casting (S17-2 of 82191)	7060112	1.000	LSUM
2850	Superstructure Conc, High Performance	7060116	162.000	Cyd
2860	Superstructure Conc, Night Casting, High Performance	7060117	2,425.000	Cyd
2870	Liner, PVC, 30 mil	7060209	3,526.000	Syd
2880	_ Texturing Conc, High Performance	7067011	1,112.000	Syd
2890	Bushing	7070030	80.000	Ea
2900	Shear Developers (B01 of 82191)	7070040	1.000	LSUM
2910	Shear Developers (B02 of 82191)	7070040	1.000	LSUM
2920	Shear Developers (S13 of 82191)	7070040	1.000	LSUM
2930	Shear Developers (S14-1 of 82191)	7070040	1.000	LSUM
2940	Shear Developers (S14-2 of 82191)	7070040	1.000	LSUM
2950	Shear Developers (S17-1 of 82191)	7070040	1.000	LSUM
2960	Shear Developers (S17-2 of 82191)	7070040	1.000	LSUM
2970	Structural Steel, Mixed, Erect	7070050	44,869.000	Lb
2980	Structural Steel, Mixed, Furn and Fab	7070051	44,869.000	Lb
2990	Structural Steel, Plate, Erect	7070060	331,512.000	Lb
3000	Structural Steel, Plate, Furn and Fab	7070061	331,512.000	Lb
3010	Structural Steel, Rolled Shape, Erect	7070070	16,076.000	Lb
3020	Structural Steel, Rolled Shape, Furn and Fab	7070071	16,076.000	Lb
3030	_ Structural Steel, Rem and Re-Erect(S13 of 82191)	7077051	1.000	LSUM
3040	_ Structural Steel, Rem and Re-Erect(S14-1 of 82191)	7077051	1.000	LSUM
3050	_ Structural Steel, Rem and Re-Erect(S17-2 of 82191)	7077051	1.000	LSUM
3060	Joint Waterproofing	7100001	4,163.000	Sft
3070	Substructure Horizontal Surface Sealer (R02-1 of 82191)	7100030	55.000	Syd
3080	Substructure Horizontal Surface Sealer (R02-2 of 82191)	7100030	55.000	Syd
3090	Substructure Horizontal Surface Sealer (S13 of 82191)	7100030	67.000	Syd
3100	Substructure Horizontal Surface Sealer (S14-1 of 82191)	7100030	123.000	Syd

3110	Substructure Horizontal Surface Sealer (S14-2 of 82191)	7100030	92.000	Syd
3120	Substructure Horizontal Surface Sealer (S16-1 of 82191)	7100030	97.000	Syd
3130	Substructure Horizontal Surface Sealer (S16-2 of 82191)	7100030	97.000	Syd
3140	Substructure Horizontal Surface Sealer (S17-1 of 82191)	7100030	112.000	Syd
3150	Substructure Horizontal Surface Sealer (S17-2 of 82191)	7100030	112.000	Syd
3160	_ Conc Surface Coating, Warranty(B01 of 82191)	7107051	1.000	LSUM
3170	_ Conc Surface Coating, Warranty(B02 of 82191)	7107051	1.000	LSUM
3180	_ Conc Surface Coating, Warranty(R02-1 of 82191)	7107051	1.000	LSUM
3190	_ Conc Surface Coating, Warranty(R02-2 of 82191)	7107051	1.000	LSUM
3200	_ Conc Surface Coating, Warranty(S13 of 82191)	7107051	1.000	LSUM
3210	_ Conc Surface Coating, Warranty(S14-1 of 82191)	7107051	1.000	LSUM
3220	_ Conc Surface Coating, Warranty(S14-2 of 82191)	7107051	1.000	LSUM
3230	_ Conc Surface Coating, Warranty(S16-1 of 82191)	7107051	1.000	LSUM
3240	_ Conc Surface Coating, Warranty(S16-2 of 82191)	7107051	1.000	LSUM
3250	_ Conc Surface Coating, Warranty(S17-1 of 82191)	7107051	1.000	LSUM
3260	_ Conc Surface Coating, Warranty(S17-2 of 82191)	7107051	1.000	LSUM
3270	Reflective Marker, Permanent Barrier	7110003	90.000	Ea
3280	Bridge Railing, Aesthetic, Type 4, Det 1, High Performance	7110050	1,877.000	Ft
3290	Bridge Railing, Aesthetic, Type 5, Det 1, High Performance	7110053	429.000	Ft
3300	Bridge Railing, Aesthetic, Type 4, Det 1, Modified, High Performance	7110060	1,728.000	Ft
3310	_ Exist Noise Wall Panel, Rem and Re-Erect	7117001	219.000	Ft
3320	Hand Chipping, Shallow	7120003	40.000	Syd
3330	Hand Chipping, Deep	7120004	40.000	Syd
3340	Hand Chipping, Other Than Deck	7120007	603.000	Cft
3350	Patch, Forming	7120017	698.000	Sft
3360	Epoxy Ovly	7120020	4,940.000	Syd
3370	Epoxy Ovly, Rem	7120021	2,498.000	Syd
3380	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	1,344.000	Ea
3390	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	2,116.000	Ea
3400	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	5,934.000	Ea
3410	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	1,650.000	Ea
3420	Adhesive Anchoring of Vertical Bar, 1 inch	7120038	28.000	Ea
3430	Structures, Rehabilitation, Rem Portions (B01 of 82191)	7120070	1.000	LSUM
3440	Structures, Rehabilitation, Rem Portions (B02 of 82191)	7120070	1.000	LSUM
3450	Structures, Rehabilitation, Rem Portions (R02-1 of 82191)	7120070	1.000	LSUM
3460	Structures, Rehabilitation, Rem Portions (R02-2 of 82191)	7120070	1.000	LSUM
3470	Structures, Rehabilitation, Rem Portions (S13 of 82191)	7120070	1.000	LSUM

3480	Structures, Rehabilitation, Rem Portions (S14-1 of 82191)	7120070	1.000	LSUM
3490	Structures, Rehabilitation, Rem Portions (S14-2 of 82191)	7120070	1.000	LSUM
3500	Structures, Rehabilitation, Rem Portions (S16-1 of 82191)	7120070	1.000	LSUM
3510	Structures, Rehabilitation, Rem Portions (S16-2 of 82191)	7120070	1.000	LSUM
3520	Structures, Rehabilitation, Rem Portions (S17-1 of 82191)	7120070	1.000	LSUM
3530	Structures, Rehabilitation, Rem Portions (S17-2 of 82191)	7120070	1.000	LSUM
3540	Deck Joint, Rem	7120071	660.000	Ft
3550	Reinforcement, Mechanical Splice	7120084	109.000	Ea
3560	Filler Wall Conc	7120087	179.000	Cyd
3570	Masonry Plate, Grout	7120090	6.000	Ea
3580	Top Flanges and Beam Ends, Clean and Coat	7120100	1,224.000	Syd
3590	Patching Conc, C-L	7120112	58.000	Cyd
3600	Embedded Galvanic Anode	7120120	1,988.000	Ea
3610	_ Hand Chipping, Full Depth	7127020	200.000	Cft
3620	_ Adhesive Anchoring of Horizontal Bar, 1 inch	7127050	238.000	Ea
3630	Beam Plate, Seal Perimeter	7130010	4,613.000	Ft
3640	Hanger Assembly, Field Measurement	7130030	8.000	Ea
3650	Hanger Assembly, Rem and Erect	7130031	8.000	Ea
3660	Rocker, Realign	7130050	9.000	Ea
3670	Structural Steel, Furn and Fab, Pin and Hanger	7130070	1,294.000	Lb
3680	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	21,469.000	Lb
3690	Support, Column, Temp	7130080	96.000	Ea
3700	Support, Suspension, Temp	7130082	2.000	Ea
3710	Steel Structure, Cleaning, Type 4 (B01 of 82191)	7150045	1.000	LSUM
3720	Steel Structure, Cleaning, Type 4 (B02 of 82191)	7150045	1.000	LSUM
3730	Steel Structure, Cleaning, Type 4 (S14-1 of 82191)	7150045	1.000	LSUM
3740	Steel Structure, Cleaning, Type 4 (S14-2 of 82191)	7150045	1.000	LSUM
3750	Steel Structure, Coating, Type 4 (B01 of 82191)	7150046	1.000	LSUM
3760	Steel Structure, Coating, Type 4 (B02 of 82191)	7150046	1.000	LSUM
3770	Steel Structure, Coating, Type 4 (S14-1 of 82191)	7150046	1.000	LSUM
3780	Steel Structure, Coating, Type 4 (S14-2 of 82191)	7150046	1.000	LSUM
3790	Steel Structure, Cleaning, Partial, Type 4 (R02-1 of 82191)	7150047	1.000	LSUM
3800	Steel Structure, Cleaning, Partial, Type 4 (R02-2 of 82191)	7150047	1.000	LSUM
3810	Steel Structure, Cleaning, Partial, Type 4 (S13 of 82191)	7150047	1.000	LSUM
3820	Steel Structure, Cleaning, Partial, Type 4 (S16-1 of 82191)	7150047	1.000	LSUM
3830	Steel Structure, Cleaning, Partial, Type 4 (S16-2 of 82191)	7150047	1.000	LSUM
3840	Steel Structure, Cleaning, Partial, Type 4 (S17-1 of 82191)	7150047	1.000	LSUM
3850	Steel Structure, Cleaning, Partial, Type 4 (S17-2 of 82191)	7150047	1.000	LSUM

	82191)			
3860	Steel Structure, Coating, Partial, Type 4 (R02-1 of 82191)	7150048	1.000	LSUM
3870	Steel Structure, Coating, Partial, Type 4 (R02-2 of 82191)	7150048	1.000	LSUM
3880	Steel Structure, Coating, Partial, Type 4 (S13 of 82191)	7150048	1.000	LSUM
3890	Steel Structure, Coating, Partial, Type 4 (S16-1 of 82191)	7150048	1.000	LSUM
3900	Steel Structure, Coating, Partial, Type 4 (S16-2 of 82191)	7150048	1.000	LSUM
3910	Steel Structure, Coating, Partial, Type 4 (S17-1 of 82191)	7150048	1.000	LSUM
3920	Steel Structure, Coating, Partial, Type 4 (S17-2 of 82191)	7150048	1.000	LSUM
3930	Field Repair of Damaged Coating (B01 of 82191)	7160001	1.000	LSUM
3940	Field Repair of Damaged Coating (B02 of 82191)	7160001	1.000	LSUM
3950	Field Repair of Damaged Coating (R02-1 of 82191)	7160001	1.000	LSUM
3960	Field Repair of Damaged Coating (R02-2 of 82191)	7160001	1.000	LSUM
3970	Field Repair of Damaged Coating (S13 of 82191)	7160001	1.000	LSUM
3980	Field Repair of Damaged Coating (S14-1 of 82191)	7160001	1.000	LSUM
3990	Field Repair of Damaged Coating (S14-2 of 82191)	7160001	1.000	LSUM
4000	Field Repair of Damaged Coating (S17-1 of 82191)	7160001	1.000	LSUM
4010	Field Repair of Damaged Coating (S17-2 of 82191)	7160001	1.000	LSUM
4020	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
4030	Slope Paving Header	8130015	1,338.000	Ft
4040	Slope Paving, Conc	8130020	3,397.000	Syd
4050	_ Slope Protection, Replace	8137011	80.000	Syd
4060	_ Riprap, Special, Class II	8137031	1,180.000	Ton
4070	_ Riprap, Under Structures, Class II	8137031	1,380.000	Ton
4080	_ Railroad Inspection and Flagging, CN/GTW	8507060	100,000.000	Dlr
4090	_ Railroad Protection, CN/GTW	8507060	20,000.000	Dlr



11/9/2017 5:59 PM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171215 902

Letting Date: December 15,
2017

Contract ID: 82025-108061

Description: Bridge replacement of two structures, removal of three pedestrian structures and approach work on I-94 under M-3 (Gratiot Avenue), under Chene Street and under three pedestrian structures in the city of Detroit, Wayne County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
108061A	1782108	N/A	BRI 82025
113124A	1782107	N/A	BRI 82024
200224A	1782106	N/A	NH 82024

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	6,000.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	15,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	6,000.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	15,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	7,000.000	Dlr
0060	Critical Path Method Schedule	1080005	15,000.000	Dlr
0070	Mobilization, Max \$2,389,600.00	1500001	1.000	LSUM
0080	Clearing	2010001	2.400	Acre
0090	Tree, Rem, 6 inch to 18 inch	2020004	11.000	Ea
0100	Dr Structure, Abandon	2030010	3.000	Ea
0110	Dr Structure, Rem	2030011	20.000	Ea
0120	Sewer, Rem, Less than 24 inch	2030015	1,019.000	Ft
0130	Sewer, Rem, 24 inch to 48 inch	2030016	105.000	Ft
0140	_ Abandon Utility, Rem 12 inch	2037001	112.000	Ft
0150	_ Abandon Utility, Rem 3 inch	2037001	50.000	Ft
0160	_ Abandon Utility, Rem 4 inch	2037001	253.000	Ft
0170	_ Abandon Utility, Rem 6 inch	2037001	165.000	Ft
0180	Asbestos Materials, Rem and Disposal	2040001	812,150.000	Dlr
0190	Concrete Barrier, Rem	2040010	2,992.000	Ft
0200	Curb and Gutter, Rem	2040020	5,667.000	Ft
0210	Curb, Rem	2040021	330.000	Ft
0220	Fence, Rem	2040025	1,212.000	Ft
0230	Glare Screen, Rem	2040030	2,495.000	Ft
0240	Guardrail, Rem	2040035	644.000	Ft

0250	Pavt, Rem	2040050	15,288.000	Syd
0260	Sidewalk, Rem	2040055	2,272.000	Syd
0270	Track, Rem	2040065	1,040.000	Ft
0280	Exploratory Investigation, Vertical	2040080	385.000	Ft
0290	_ Pavt, Rem, Special	2047011	1,444.000	Syd
0300	Embankment, CIP	2050010	1,896.000	Cyd
0310	Excavation, Earth	2050016	9,353.000	Cyd
0320	Non Haz Contaminated Material Handling and Disposal, LM	2050031	3,500.000	Cyd
0330	Subgrade Undercutting, Type II	2050041	900.000	Cyd
0340	Erosion Control, Gravel Access Approach	2080016	4.000	Ea
0350	Erosion Control, Inlet Protection, Fabric Drop	2080020	147.000	Ea
0360	Erosion Control, Maintenance, Sediment Removal	2080026	165.000	Cyd
0370	Erosion Control, Silt Fence	2080036	4,620.000	Ft
0380	Project Cleanup	2090001	1.000	LSUM
0390	Subbase, CIP	3010002	6,450.000	Cyd
0400	Aggregate Base	3020001	3,811.000	Ton
0410	Aggregate Base, 6 inch	3020016	20,412.000	Syd
0420	Aggregate Base, 8 inch	3020020	2,512.000	Syd
0430	Maintenance Gravel, LM	3060021	300.000	Cyd
0440	Geotextile, Stabilization	3080010	800.000	Syd
0450	Sewer, Cl A, 12 inch, Tr Det B	4020033	2,340.000	Ft
0460	Sewer, Cl A, 15 inch, Tr Det B	4020034	106.000	Ft
0470	Sewer, Cl A, 18 inch, Tr Det B	4020035	274.000	Ft
0480	Sewer, Cl A, 24 inch, Tr Det B	4020036	12.000	Ft
0490	Sewer, Cl B, 18 inch, Tr Det B	4020185	28.000	Ft
0500	Sewer Tap, 12 inch	4021204	1.000	Ea
0510	Sewer Tap, 15 inch	4021205	1.000	Ea
0520	Sewer Tap, 18 inch	4021206	1.000	Ea
0530	Video Taping Sewer and Culv Pipe	4021275	2,201.000	Ft
0540	Dr Structure Cover, Adj, Case 1	4030005	105.000	Ea
0550	Dr Structure Cover, Adj, Case 2	4030006	2.000	Ea
0560	Dr Structure Cover, Type B	4030010	14.000	Ea
0570	Dr Structure Cover, Type D	4030025	6.000	Ea
0580	Dr Structure Cover, Type G	4030040	1.000	Ea
0590	Dr Structure Cover, Type J	4030045	5.000	Ea
0600	Dr Structure Cover, Type K	4030050	42.000	Ea
0610	Dr Structure Cover, Type Q	4030065	8.000	Ea
0620	Dr Structure Cover, Type VG	4030090	1.000	Ea
0630	Dr Structure Lead, Cleaning, 12 inch	4030112	650.000	Ft
0640	Dr Structure, 24 inch dia	4030200	17.000	Ea
0650	Dr Structure, 48 inch dia	4030210	57.000	Ea
0660	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	42.000	Ft
0670	Dr Structure, Adj, Add Depth	4030280	17.000	Ft

0680	Dr Structure, Cleaning	4030290	14.000	Ea
0690	Dr Structure, Tap, 6 inch	4030306	55.000	Ea
0700	Dr Structure, Tap, 12 inch	4030312	13.000	Ea
0710	Dr Structure, Tap, 24 inch	4030324	1.000	Ea
0720	Dr Structure, Temp Lowering	4030390	2.000	Ea
0730	Drop Inlet, Type 1	4030395	1.000	Ea
0740	_ Dr Structure Cover, Type B, Modified	4037050	16.000	Ea
0750	_ Dr Structure Cover, Type DX, Modified	4037050	21.000	Ea
0760	_ Dr Structure Cover, Type VG, Modified	4037050	10.000	Ea
0770	_ Dr Structure Cover, Type W, Modified	4037050	6.000	Ea
0780	_ Gate Well Cover	4037050	6.000	Ea
0790	_ Hh, Heavy Duty Cover, Modified	4037050	3.000	Ea
0800	_ Sewer Structure Cover	4037050	6.000	Ea
0810	Underdrain, Subbase, 6 inch	4040063	12,372.000	Ft
0820	Underdrain Outlet, 6 inch	4040093	2,710.000	Ft
0830	_ Underdrain, Rem	4047001	2,768.000	Ft
0840	Cold Milling HMA Surface	5010002	2,535.000	Syd
0850	HMA Surface, Rem	5010005	16,510.000	Syd
0860	HMA Quality Initiative	5010007	3,128.000	Dlr
0870	Hand Patching	5010025	580.000	Ton
0880	HMA, 4E3	5010051	185.000	Ton
0890	HMA, 4E30	5010053	25.000	Ton
0900	HMA, 5E3	5010057	119.000	Ton
0910	HMA, 4E30, High Stress	5010511	252.000	Ton
0920	HMA, Temp Pavt (3E3)	5010804	88.000	Ton
0930	HMA, Temp Pavt (4E3)	5010805	63.000	Ton
0940	_ HMA Mixture Gap-Graded Superpave (1/2 inch Nominal Max)	5017031	252.000	Ton
0950	Conc Base Cse, Nonreinf, 10 inch	6020023	851.000	Syd
0960	Conc Pavt, Curing Horizontal Surfaces	6020159	18,186.000	Syd
0970	Joint, Contraction, C3p	6020201	2,487.000	Ft
0980	Joint, Expansion, E3	6020208	532.000	Ft
0990	Pavt Gapping	6020215	1,330.000	Ft
1000	Conc Quality Initiative	6020401	39,483.000	Dlr
1010	Conc Pavt, Misc, Nonreinf, 9 inch, High Performance	6020514	10,802.000	Syd
1020	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	479.000	Syd
1030	Shoulder, Nonreinf Conc, High Performance	6020524	3,678.000	Syd
1040	_ Joint, Contraction, Cp, Modified	6027001	2,902.000	Ft
1050	_ Joint, Expansion, E2, Modified	6027001	947.000	Ft
1060	Cold Milling Conc Pavt	6030014	168.000	Syd
1070	Joint, Expansion, Erg	6030021	32.000	Ft
1080	Joint, Tied, Trg	6030023	330.000	Ft
1090	Lane Tie, Epoxy Anchored	6030030	3,675.000	Ea
1100	_ Joint, Contraction, Crg, Modified	6037001	88.000	Ft
1110	_ Joint, Expansion, Erg, Modified	6037001	180.000	Ft

1120	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	1,848.000	Syd
1130	Reflective Marker, Permanent Barrier	7110003	200.000	Ea
1140	Bolt, Adhesive Anchored, 1/2 inch	7120040	16.000	Ea
1150	_ Conduit, Clean and Test	8007001	240.000	Ft
1160	_ Fiber Optic, Cable, Reinstall	8007001	1,010.000	Ft
1170	_ Fiber Optic, Cable, Rem	8007001	1,010.000	Ft
1180	_ Pedestrian Path, Temp	8007001	2,160.000	Ft
1190	_ Presloped Trench Drain	8007001	58.000	Ft
1200	_ Hh, Clean	8007050	10.000	Ea
1210	_ Pedestrian Ramp, Temp	8007050	7.000	Ea
1220	_ Road Side Unit	8007050	4.000	Ea
1230	_ Underground Splice Enclosure	8007050	5.000	Ea
1240	_ System Testing	8007051	1.000	LSUM
1250	_ Vibration Monitoring, Utility (S01 of 82025)	8007051	1.000	LSUM
1260	_ Vibration Monitoring, Utility (S08 of 82024)	8007051	1.000	LSUM
1270	Driveway, Nonreinf Conc, 8 inch	8010007	61.000	Syd
1280	Curb, Conc, Det E1	8020001	1,806.000	Ft
1290	Curb, Conc, Det G1	8020005	520.000	Ft
1300	Curb and Gutter, Conc, Det B1	8020015	786.000	Ft
1310	Curb and Gutter, Conc, Det F1	8020035	619.000	Ft
1320	Curb and Gutter, Conc, Det F5	8020039	727.000	Ft
1330	Curb and Gutter, Conc, Det F6	8020040	20.000	Ft
1340	Driveway Opening, Conc, Det M	8020050	398.000	Ft
1350	Valley Gutter, Conc	8020060	558.000	Ft
1360	_ Curb, Conc, Det E1, Modified	8027001	134.000	Ft
1370	_ Valley Gutter, Conc, 14 inch, Modified	8027001	1,140.000	Ft
1380	_ Valley Gutter, Conc, Modified	8027001	360.000	Ft
1390	Detectable Warning Surface	8030010	127.000	Ft
1400	Curb Ramp Opening, Conc	8030030	145.000	Ft
1410	Sidewalk Ramp, Conc, 6 inch	8030036	1,716.000	Sft
1420	Sidewalk, Conc, 4 inch	8030044	1,946.000	Sft
1430	Sidewalk, Conc, 6 inch	8030046	516.000	Sft
1440	Glare Screen, Conc	8040015	2,446.000	Ft
1450	Glare Screen, Conc, Split	8040016	64.000	Ft
1460	Conc Barrier Backfill, CIP	8040030	180.000	Cyd
1470	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	1,930.000	Ft
1480	_ Conc Barrier, Double Face, Type B, Modified, 0-2 Feet	8047001	486.000	Ft
1490	_ Conc Barrier, Single Face, Type A, Modified	8047001	169.000	Ft
1500	_ Conc Barrier, Split, Type A, Special, 0-2 Feet	8047001	64.000	Ft
1510	_ Conc Barrier, Double Face, Mh Panel	8047050	12.000	Ea
1520	Curb Sloped, HMA	8050010	387.000	Ft
1530	Guardrail, Type TD	8070003	100.000	Ft
1540	Guardrail Approach Terminal, Type 3T	8070039	2.000	Ea

1550	Fence, Protective	8080007	1,430.000	Ft
1560	Fence, Chain Link, 42 inch	8080010	136.000	Ft
1570	Fence, Chain Link, 48 inch	8080011	1,166.000	Ft
1580	Band, Sign	8100010	33.000	Ea
1590	Bridge Sign Connection, Conc, Type A1	8100031	2.000	Ea
1600	Bridge Sign Connection, Conc, Type O	8100040	2.000	Ea
1610	Bridge Sign Connection, Steel, Type A1	8100060	4.000	Ea
1620	Bridge Sign Connection, Type A, Rem	8100080	4.000	Ea
1630	Bridge Sign Connection, Type E, Rem	8100084	4.000	Ea
1640	Fdn, Wood Support, Rem	8100280	2.000	Ea
1650	Post Hole Through Conc for Steel Post	8100340	84.000	Ea
1660	Post, Steel, 3 lb	8100371	1,120.000	Ft
1670	Post, Wood, 4 inch by 6 inch	8100380	132.000	Ft
1680	Post, Wood, 6 inch by 8 inch	8100382	32.000	Ft
1690	Sign, Type I, Rem	8100391	4.000	Ea
1700	Sign, Type IA	8100392	102.000	Sft
1710	Sign, Type II, Rem	8100397	8.000	Ea
1720	Sign, Type IIA	8100398	101.000	Sft
1730	Sign, Type IIB	8100399	108.000	Sft
1740	Sign, Type III, Erect, Salv	8100402	11.000	Ea
1750	Sign, Type III, Rem	8100403	79.000	Ea
1760	Sign, Type IIIA	8100404	189.000	Sft
1770	Sign, Type IIIB	8100405	231.000	Sft
1780	Sign, Type VB	8100425	55.000	Sft
1790	Reflective Panel for Permanent Sign Support, 3 foot	8100613	12.000	Ea
1800	Reflective Panel for Permanent Sign Support, 6 foot	8100616	52.000	Ea
1810	_ Lane Separator System, Rem, Salv, and Reinstall	8107001	88.000	Ft
1820	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	3,517.000	Ft
1830	Pavt Mrkg, Ovly Cold Plastic, 6 inch, White	8110025	125.000	Ft
1840	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Yellow	8110026	150.000	Ft
1850	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	943.000	Ft
1860	Pavt Mrkg, Ovly Cold Plastic, Direction Arrow Sym, Bike	8110049	1.000	Ea
1870	Pavt Mrkg, Ovly Cold Plastic, Bike, Small Sym	8110058	1.000	Ea
1880	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	6.000	Ea
1890	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	4.000	Ea
1900	Pavt Mrkg, Ovly Cold Plastic, School	8110074	6.000	Ea
1910	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	12,765.000	Ft
1920	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	9,957.000	Ft
1930	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	4,575.000	Ft
1940	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	3,400.000	Ft
1950	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, White	8110212	227.000	Ft
1960	Pavt Mrkg, Thermopl, 12 inch, Cross Hatching, Yellow	8110213	572.000	Ft
1970	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	14,308.000	Ft
1980	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	2,771.000	Ft

1990	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	394.000	Ft
2000	Rem Curing Compound, for Spec Mrkg	8110321	2,326.000	Sft
2010	Rem Spec Mrkg	8110343	4,678.000	Sft
2020	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
2030	Recessing Pavt Mrkg, Longit	8110450	1,400.000	Ft
2040	Pavt Mrkg, Wet Retrflec Sprayable Thermopl, 4 inch, White	8110490	1,400.000	Ft
2050	_ Enhanced Delineation, Bidirectional, Guardrail, Channel Mount	8117001	190.000	Ft
2060	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	60.000	Ea
2070	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	60.000	Ea
2080	Barricade, Type III, High Intensity, Lighted, Furn	8120022	158.000	Ea
2090	Barricade, Type III, High Intensity, Lighted, Oper	8120023	158.000	Ea
2100	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	4.000	Ea
2110	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	9.000	Ea
2120	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	9.000	Ea
2130	Conc Barrier Ending, Temp, Detail 2, Relocated	8120043	7.000	Ea
2140	Conc Barrier Reflector Replacement	8120070	30.000	Ea
2150	Conc Barrier, Temp, Adj	8120080	4,307.000	Ft
2160	Conc Barrier, Temp, Furn	8120081	5,961.000	Ft
2170	Conc Barrier, Temp, Oper	8120082	5,961.000	Ft
2180	Conc Barrier, Temp, Relocated	8120083	3,302.000	Ft
2190	High Intensity Light, Type B, Furn	8120110	9.000	Ea
2200	High Intensity Light, Type B, Oper	8120111	9.000	Ea
2210	Lighted Arrow, Type C, Furn	8120140	37.000	Ea
2220	Lighted Arrow, Type C, Oper	8120141	37.000	Ea
2230	Ltg for Night Work	8120160	1.000	LSUM
2240	Minor Traf Devices	8120170	1.000	LSUM
2250	Mobile Attenuator	8120180	6.000	Ea
2260	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	90,548.000	Ft
2270	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	8,410.000	Ft
2280	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	380.000	Ft
2290	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	310.000	Ft
2300	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	14,350.000	Ft
2310	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	14,210.000	Ft
2320	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	206,440.000	Ft
2330	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	82,970.000	Ft
2340	Plastic Drum, Fluorescent, Furn	8120252	2,000.000	Ea
2350	Plastic Drum, Fluorescent, Oper	8120253	2,000.000	Ea
2360	Pavt Mrkg, Wet Reflective, Type R, Tape, Lt Turn Arrow	8120257	4.000	Ea
2370	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn	8120258	3.000	Ea

	Arrow			
2380	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	240.000	Ft
2390	Sign Cover	8120310	488.000	Ea
2400	Sign Cover, Type 1	8120320	8.000	Ea
2410	Sign, Type A, Temp, Prismatic, Furn	8120340	940.000	Sft
2420	Sign, Type A, Temp, Prismatic, Oper	8120341	940.000	Sft
2430	Sign, Type B, Temp, Prismatic, Furn	8120350	11,370.000	Sft
2440	Sign, Type B, Temp, Prismatic, Oper	8120351	11,370.000	Sft
2450	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	8,660.000	Sft
2460	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	8,660.000	Sft
2470	Traf Regulator Control	8120370	1.000	LSUM
2480	_ Conc Barrier, Temp, Limited Deflection, Det 1, Adj	8127001	600.000	Ft
2490	_ Conc Barrier, Temp, Limited Deflection, Det 1, Furn	8127001	600.000	Ft
2500	_ Conc Barrier, Temp, Limited Deflection, Det 1, Oper	8127001	600.000	Ft
2510	_ Pavt Mrkg, Wet Reflective, Type R, Tape,12 inch, Cross Hatching, Yellow	8127001	550.000	Ft
2520	_ Pedestrian Barrier With Fence, Temp	8127001	200.000	Ft
2530	_ Pedestrian Type II Channelizer, Temp	8127001	200.000	Ft
2540	_ Conc Barrier, Temp, Limited Deflection, J1/J2 Assembly, Furn	8127050	2.000	Ea
2550	_ Conc Barrier, Temp, Limited Deflection, Reflector Repacement	8127050	30.000	Ea
2560	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	60.000	Ea
2570	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	60.000	Ea
2580	_ Pavt Mrkg, Wet Reflective, Type R, Tape,Only	8127050	7.000	Ea
2590	_ Pedestrian Type II Barricade, Temp	8127050	34.000	Ea
2600	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	23.000	Ea
2610	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	23.000	Ea
2620	Mulch Blanket	8160027	3,000.000	Syd
2630	_ Turf Establishment, Performance	8167011	950.000	Syd
2640	Cable, Rem	8190016	3,648.000	Ft
2650	Cable, Sec, Rem	8190017	470.000	Ft
2660	Conduit, DB, 1, 1 1/2 inch	8190027	590.000	Ft
2670	Conduit, DB, 2, 3 inch	8190032	720.000	Ft
2680	Conduit, DB, 3, 3 inch	8190035	350.000	Ft
2690	Conduit, DB, 4, 3 inch	8190038	40.000	Ft
2700	Conduit, Directional Bore, 3 inch	8190044	1,005.000	Ft
2710	Conduit, Encased, 1, 3 inch	8190058	192.000	Ft
2720	Conduit, Encased, 2, 3 inch	8190059	102.000	Ft
2730	Conduit, Encased, 3, 4 inch	8190072	325.000	Ft
2740	Conduit, Encased, 4, 4 inch	8190073	480.000	Ft
2750	Conduit, Encased, 12, 4 inch	8190081	123.000	Ft
2760	Conduit, Rem	8190140	4,887.000	Ft
2770	Conduit, Schedule 80 PVC, 3 inch	8190159	1,147.000	Ft

2780	Conduit, Schedule 80 PVC, 4 inch	8190161	2,093.000	Ft
2790	DB Cable, in Conduit, 600V, 1/C#6	8190211	500.000	Ft
2800	DB Cable, in Conduit, Rem	8190220	6,365.000	Ft
2810	Hh, Adj	8190244	6.000	Ea
2820	Hh, Heavy Duty Cover	8190246	31.000	Ea
2830	Hh, Rem	8190254	33.000	Ea
2840	Hh, Round, 3 foot dia	8190259	12.000	Ea
2850	Hh, Round	8190260	24.000	Ea
2860	Hh, Type D	8190262	2.000	Ea
2870	Light Std Arm, Rem	8190277	15.000	Ea
2880	Light Std Arm, Rem and Salv	8190278	1.000	Ea
2890	Light Std Fdn	8190279	12.000	Ea
2900	Light Std Fdn, Rem	8190280	21.000	Ea
2910	Light Std, Frangible Transformer Base, Rem	8190282	4.000	Ea
2920	Light Std Shaft, Rem	8190305	11.000	Ea
2930	Light Std Shaft, Rem and Salv	8190306	1.000	Ea
2940	Luminaire, Rem	8190360	14.000	Ea
2950	Luminaire, Rem and Salv	8190365	1.000	Ea
2960	Cable, P.J., 600V, 1, 20/C#14	8190386	500.000	Ft
2970	Cable, Sec, 600V, 1, 3/C#4	8190395	700.000	Ft
2980	Cable, Sec, 600V, 1, 3/C#6	8190399	620.000	Ft
2990	Cable, Sec, 600V, 3, 1/C#2	8190403	500.000	Ft
3000	Cable, Sec, Triplex, 1, 3/C#4	8190418	1,130.000	Ft
3010	Wood Pole, Cl 4, 50 foot	8190475	9.000	Ea
3020	Wood Pole, Fit Up, Mult Ltg Cable Pole	8190491	6.000	Ea
3030	Wood Pole, Rem	8190505	9.000	Ea
3040	Conduit, Directional Bore, 1, 3 inch	8190602	190.000	Ft
3050	Conduit, Directional Bore, 2, 3 inch	8190604	1,201.000	Ft
3060	_ Cable, Equipment Grounding Wire, 1/C#8, Aluminum	8197001	1,450.000	Ft
3070	_ Conduit, DB, 1, 2 inch	8197001	15.000	Ft
3080	_ Conduit, Encased, 1, 1 1/2 inch, Modified	8197001	155.000	Ft
3090	_ Conduit, Encased, 1, 3 inch, Modified	8197001	15.000	Ft
3100	_ Conduit, Encased, 12, 5 inch, Modified	8197001	194.000	Ft
3110	_ Conduit, Encased, 2, 3 inch, Modified	8197001	170.000	Ft
3120	_ Conduit, Encased, 3, 4 inch, Modified	8197001	20.000	Ft
3130	_ Conduit, Encased, 6, 5 inch, Modified	8197001	198.000	Ft
3140	_ DB Cable, in Conduit, 600V, 1/C#4, Aluminum	8197001	4,580.000	Ft
3150	_ Overhead, #2 Alum Quadplex with #2 ACSR Neutral	8197001	2,090.000	Ft
3160	_ Conc Plug, Round, 3 foot Dia	8197050	16.000	Ea
3170	_ Hh, Replace Frame and Cover, Detroit Public Lighting Department	8197050	33.000	Ea
3180	_ Light Std Fdn (Public Lighting Authority)	8197050	8.000	Ea
3190	_ Mh, Reconstruct (Detroit Public Lighting Department)	8197050	14.000	Ea
3200	_ Mh, Rem (Detroit Public Lighting Department)	8197050	1.000	Ea

3210	_ Mh, Two Way (Detroit Public Lighting Department)	8197050	1.000	Ea
3220	_ Steel Pole, Fit Up, Sec Cable Pole	8197050	1.000	Ea
3230	_ Underbridge Lighting, Install Salv	8197050	1.000	Ea
3240	_ Underbridge Lighting, Rem and Salv	8197050	1.000	Ea
3250	Case Sign, Rem	8200020	19.000	Ea
3260	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	6.000	Ea
3270	Controller and Cabinet, Rem	8200030	6.000	Ea
3280	Controller and Cabinet, Digital Type	8200031	6.000	Ea
3290	Controller Fdn, Base Mount	8200045	6.000	Ea
3300	Controller Fdn, Rem	8200046	4.000	Ea
3310	Fdn, Rem	8200065	21.000	Ea
3320	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	4.000	Ea
3330	Pedestal, Alum	8200100	7.000	Ea
3340	Pedestal, Fdn	8200105	10.000	Ea
3350	Pedestal Fdn, Rem	8200106	10.000	Ea
3360	Pedestal, Rem	8200110	10.000	Ea
3370	Pedestal, Underground Serv, Unmetered	8200112	2.000	Ea
3380	Power Co. (Est. Cost to Contractor)	8200116	2,000.000	Dlr
3390	Pushbutton and Sign	8200121	12.000	Ea
3400	Pushbutton, Rem	8200122	12.000	Ea
3410	Pushbutton Pedestal, Alum	8200123	1.000	Ea
3420	Serv Disconnect	8200135	4.000	Ea
3430	Serv Disconnect, Rem	8200136	4.000	Ea
3440	Span Wire	8200140	25.000	Ea
3450	Span Wire, Rem	8200141	13.000	Ea
3460	Steel Pole, Rem	8200145	17.000	Ea
3470	Strain Pole, Steel, Anchor Base, 30 foot	8200155	12.000	Ea
3480	Strain Pole, Steel, Anchor Fdn	8200165	12.000	Ea
3490	TS, Pedestal Mtd, Rem	8200179	5.000	Ea
3500	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	16.000	Ea
3510	TS, Pedestrian, Pedestal Mtd, Rem	8200181	10.000	Ea
3520	TS, Span Wire Mtd, Rem	8200182	47.000	Ea
3530	Cabinet, Rem	8200184	4.000	Ea
3540	TS, One Way Span Wire Mtd, Salv	8200191	7.000	Ea
3550	TS, Two Way Span Wire Mtd, Salv	8200201	2.000	Ea
3560	TS, One Way Span Wire Mtd (LED)	8200313	67.000	Ea
3570	TS, One Way Span Wire Mtd, FYA (LED)	8200314	3.000	Ea
3580	TS, Two Way Span Wire Mtd (LED)	8200322	5.000	Ea
3590	TS, One Way Bracket Arm Mtd (LED)	8200333	2.000	Ea
3600	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
3610	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	8.000	Ea
3620	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	12.000	Ea
3630	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	4.000	Ea

3640	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	4.000	Ea
3650	TS, Antenna, Rem	8200368	4.000	Ea
3660	Bracket, Truss, With 18 Foot Arm	8200378	4.000	Ea
3670	Wireless Intercn, Closed Loop, Repeater	8200394	1.000	Ea
3680	Wireless Intercn, Closed Loop, Remote	8200395	3.000	Ea
3690	Wireless Vehicle Detection System	8200422	4.000	Ea
3700	Wireless Vehicle Sensor Node	8200425	35.000	Ea
3710	Case Sign, Non-Illuminated, Salv	8200431	4.000	Ea
3720	Case Sign, One Way, 24 inch by 30 inch, Non-Illuminated	8200434	9.000	Ea
3730	Case Sign, Two Way, 24 inch by 30 inch, Non-Illuminated	8200435	2.000	Ea
3740	TS, Bag	8200450	83.000	Ea
3750	TS, Bag, Rem	8200451	67.000	Ea
3760	TS Head, Adj	8200452	6.000	Ea
3770	TS Head, Temp	8200453	2.000	Ea
3780	Junction Box, Rem	8200457	4.000	Ea
3790	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
3800	Strain Pole, Steel, 6 bolt, 36 foot	8200461	10.000	Ea
3810	Strain Pole Fdn, 6 Bolt	8200470	213.000	Ft
3820	Casing	8200480	202.000	Ft
3830	Cellular Modem, TS, 4G	8200498	4.000	Ea
3840	_ Louvered Backplate	8207050	25.000	Ea
3850	_ Pedestal, Alum, Modified	8207050	1.000	Ea
3860	_ Pedestal, Fdn, Modified	8207050	1.000	Ea
3870	_ TS, One Way Pedestal Mtd, FYA (LED)	8207050	1.000	Ea
3880	_ Wireless Data Acquisition and Alerts System	8207050	2.000	Ea
3890	Monument Box	8210001	1.000	Ea
3900	Monument Preservation	8210010	1.000	Ea
3910	Protect Corners	8210020	5.000	Ea
3920	Hydrant, Relocate, Case 1	8230095	1.000	Ea
3930	Gate Box, Adj, Case 1	8230431	2.000	Ea
3940	_ Water Main Conflict, 12 inch	8237050	4.000	Ea
3950	_ Water Main Conflict, 6 inch	8237050	3.000	Ea
3960	Contractor Staking	8240001	1.000	LSUM
3970	Staking Plan Errors and Extras, One Person	8240020	232.000	Hr
3980	Staking Plan Errors and Extras, Two Person	8240021	93.000	Hr
3990	Staking Plan Errors and Extras, Three Person	8240022	139.000	Hr
4000	Fiber Optic, Cable, Single Mode Fiber, 96F	8260053	1,210.000	Ft
4010	Fiber Optic, Marker, Above Ground	8260069	8.000	Ea
4020	Tracer Wire	8260070	2,215.000	Ft
4030	Managed Field Ethernet Switch, Layer 2	8260080	4.000	Ea

Section: 2

4040	Structures, Rem (S01 of 82025)	2040060	1.000	LSUM
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4050	Structures, Rem Portions (P02 of 82025)	2040061	1.000	LSUM
4060	Structures, Rem Portions (P04 of 82024)	2040061	1.000	LSUM
4070	Structures, Rem Portions (P07 of 82024)	2040061	1.000	LSUM
4080	Structures, Rem Portions (S08 of 82024)	2040061	1.000	LSUM
4090	_ Dewatering System (S01 of 82025)	2057051	1.000	LSUM
4100	Backfill, Structure, CIP	2060002	22,260.000	Cyd
4110	Excavation, Fdn	2060010	28,458.000	Cyd
4120	_ Fill, Low Density Cellular Concrete	2067021	2,340.000	Cyd
4130	Underdrain, Fdn, 6 inch	4040033	2,689.000	Ft
4140	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	15,825.000	Sft
4150	_ Steel Sheet Piling, Temp, Special	7047010	5,347.000	Sft
4160	Pile Driving Equipment, Furn (S08 of 82024)	7050002	1.000	LSUM
4170	Pile, Steel, Furn and Driven, 14 inch	7050034	25,420.000	Ft
4180	Pile Point, Steel	7050039	151.000	Ea
4190	Pile, Steel, Splice	7050050	453.000	Ea
4200	_ Test Pile, Dynamic Analysis	7057050	10.000	Ea
4210	_ Test Pile, Furn Dynamic Analysis Equipment	7057050	6.000	Ea
4220	Bridge Ltg, Furn and Rem (S01 of 82025)	7060001	1.000	LSUM
4230	Bridge Ltg, Furn and Rem (S08 of 82024)	7060001	1.000	LSUM
4240	Bridge Ltg, Oper and Maintain	7060002	1,734.000	Cyd
4250	Conc, Grade D	7060010	68.000	Cyd
4260	Conc, Grade S2, Subfooting	7060012	363.000	Cyd
4270	Conduit, 3 inch	7060030	1,121.000	Ft
4280	Elec Grounding System	7060040	2.000	Ea
4290	Expansion Joint Device	7060050	721.000	Ft
4300	Expansion Joint Device, Cover Plate	7060051	124.000	Ft
4310	False Decking	7060060	74,782.000	Sft
4320	Reinforcement, Steel, Epoxy Coated	7060092	1,097,955.000	Lb
4330	Substructure Conc, High Performance	7060101	6,393.000	Cyd
4340	Superstructure Conc, Form, Finish, and Cure (S01 of 82025)	7060111	1.000	LSUM
4350	Superstructure Conc, Form, Finish, and Cure (S08 of 82024)	7060111	1.000	LSUM
4360	Superstructure Conc, Form, Finish, and Cure, Night Casting (S01 of 82025)	7060112	1.000	LSUM
4370	Superstructure Conc, Form, Finish, and Cure, Night Casting (S08 of 82024)	7060112	1.000	LSUM
4380	Superstructure Conc, High Performance	7060116	199.000	Cyd
4390	Superstructure Conc, Night Casting, High Performance	7060117	490.000	Cyd
4400	Wall Drain	7060130	161.000	Sft
4410	Liner, PVC, 30 mil	7060209	1,030.000	Syd
4420	_ Texturing Conc, Type 1	7067011	1,802.000	Syd
4430	_ Texturing Conc, Type 2	7067011	154.000	Syd
4440	_ Superstructure Conc, High Performance, Special	7067021	547.000	Cyd
4450	_ Superstructure Conc, Night Casting, High Performance, Special	7067021	1,244.000	Cyd

4460	Bearing, Elastomeric, 1 inch	7070012	3,420.000	Sin
4470	Bearing, Elastomeric, 2 1/2 inch	7070018	23,680.000	Sin
4480	Bearing, Elastomeric, 4 inch	7070024	3,420.000	Sin
4490	Shear Developers (S08 of 82024)	7070040	1.000	LSUM
4500	Structural Steel, Mixed, Erect	7070050	5,635.000	Lb
4510	Structural Steel, Mixed, Furn and Fab	7070051	5,635.000	Lb
4520	Structural Steel, Plate, Erect	7070060	647,800.000	Lb
4530	Structural Steel, Plate, Furn and Fab	7070061	647,800.000	Lb
4540	_ Steel Diaphragm, Prest Conc Beam, Erect	7077030	13,788.000	Lb
4550	_ Steel Diaphragm, Prest Conc Beam, Furn and Fab	7077030	13,788.000	Lb
4560	_ Prest Conc Bulb-Tee Beam, Erect, 60 inch by 49 inch, Special	7087001	4,554.000	Ft
4570	_ Prest Conc Bulb-Tee Beam, Furn, 60 inch by 49 inch, Special	7087001	4,554.000	Ft
4580	Joint Waterproofing	7100001	2,353.000	Sft
4590	Joint Waterproofing, Expansion	7100003	312.000	Sft
4600	Conc Surface Coating, Warranty (S01 of 82025)	7100009	1.000	LSUM
4610	Conc Surface Coating, Warranty (S08 of 82024)	7100009	1.000	LSUM
4620	_ Spray Applied Waterproofing Membrane	7107011	546.000	Syd
4630	_ Bridge Barrier Railing, Aesthetic, High Performance	7117001	1,054.000	Ft
4640	_ Ornamental Railing, Type 1	7117001	843.000	Ft
4650	_ Ornamental Railing, Type 2	7117001	268.000	Ft
4660	Reinforcement, Mechanical Splice	7120084	713.000	Ea
4670	Field Repair of Damaged Coating (S08 of 82024)	7160001	1.000	LSUM
4680	_ Vibration Monitoring (S01 of 82025)	8007051	1.000	LSUM
4690	_ Vibration Monitoring (S08 of 82024)	8007051	1.000	LSUM
4700	Slope Paving Header	8130015	120.000	Ft
4710	Slope Paving, Conc	8130020	490.000	Syd
4720	Conduit, Fiberglass, 4 inch, Structure	8190101	2,156.000	Ft
4730	Conduit, Fiberglass, 5 inch, Structure	8190102	4,254.000	Ft
4740	_ Hh Cover on Bridge	8197050	8.000	Ea



11/16/2017 9:08 AM

AASHTOWare Project v3.01.164.01

Schedule of Pay Items

Report v1

Letting Call: 171215 903

Letting Date: December 15,
2017

Contract ID: 56021-119064

Description: 0.57 mi of hot mix asphalt paving, concrete pavement, barrier, curb, gutter, sidewalk, ramps and patching, aggregate base, earthwork, drainage, bridge replacement, temporary haul road, signals, lighting and pavement markings on M-20 from east of the Tittabawasee River to Main Street in the city of Midland, Midland County. This project includes two 5 year materials and workmanship pavement warranties and a 2 year concrete surface coating warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
119064A	1800104	N/A	NH 56021

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Dispute Review Board, Hearing	1040010	15,000.000	Dlr
0020	Dispute Review Board, Hearing, Additional Day	1040020	6,000.000	Dlr
0030	Dispute Review Board, Appeal Hearing	1040030	15,000.000	Dlr
0040	Dispute Review Board, Appeal Hearing, Additional Day	1040040	6,000.000	Dlr
0050	Dispute Review Board, Progress Meeting	1040050	70,000.000	Dlr
0060	_ Audio-Visual Filming	1047051	1.000	LSUM
0070	Critical Path Method Schedule	1080005	15,000.000	Dlr
0080	Mobilization, Max \$2,881,300.00	1500001	1.000	LSUM
0090	Clearing	2010001	0.850	Acre
0100	Tree, Rem, 19 inch to 36 inch	2020002	1.000	Ea
0110	Tree, Rem, 6 inch to 18 inch	2020004	8.000	Ea
0120	Culv, Rem, 24 inch to 48 inch	2030002	1.000	Ea
0130	Dr Structure, Abandon	2030010	2.000	Ea
0140	Dr Structure, Rem	2030011	24.000	Ea
0150	Sewer, Rem, Less than 24 inch	2030015	2,714.000	Ft
0160	Concrete Barrier, Rem	2040010	1,759.000	Ft
0170	Curb and Gutter, Rem	2040020	4,063.000	Ft
0180	Glare Screen, Rem	2040030	1,759.000	Ft
0190	Masonry and Conc Structure, Rem	2040045	10.000	Cyd
0200	Pavt, Rem	2040050	16,380.000	Syd
0210	Sidewalk, Rem	2040055	558.000	Syd
0220	_ Impact Attenuator, Removal and Disposal	2047050	2.000	Ea
0230	Embankment, CIP	2050010	4,756.000	Cyd
0240	Excavation, Earth	2050016	15,365.000	Cyd
0250	Non Haz Contaminated Material Handling and Disposal, LM	2050031	100.000	Cyd

0260	Subgrade Undercutting, Type II	2050041	300.000	Cyd
0270	Erosion Control, Check Dam, Stone	2080012	12.000	Ft
0280	Erosion Control, Inlet Protection, Fabric Drop	2080020	80.000	Ea
0290	Erosion Control, Inlet Protection, Sediment Trap	2080024	43.000	Ea
0300	Erosion Control, Maintenance, Sediment Removal	2080026	40.000	Cyd
0310	Erosion Control, Sediment Basin	2080032	10.000	Cyd
0320	Erosion Control, Silt Fence	2080036	9,922.000	Ft
0330	Project Cleanup	2090001	1.000	LSUM
0340	Subbase, CIP	3010002	13,722.000	Cyd
0350	Aggregate Base, 6 inch	3020016	19,645.000	Syd
0360	Open-Graded Dr Cse, 6 inch	3030006	3,634.000	Syd
0370	Open-Graded Dr Cse, CIP	3030030	683.000	Cyd
0380	Geotextile, Separator	3080005	3,700.000	Syd
0390	Culv End Sect, 18 inch	4010018	1.000	Ea
0400	Culv End Sect, Conc, 24 inch	4010051	4.000	Ea
0410	Culv, CI E, 24 inch	4010542	38.000	Ft
0420	Culv, Downspout, 18 inch	4010797	205.000	Ft
0430	Dr Marker Post	4011109	13.000	Ea
0440	Outfall Label	4011115	2.000	Ea
0450	Sewer, CI A, 12 inch, Tr Det B	4020033	3,163.000	Ft
0460	Sewer, CI A, 18 inch, Tr Det B	4020035	560.000	Ft
0470	Sewer, CI A, 24 inch, Tr Det B	4020036	239.000	Ft
0480	Sewer Tap, 8 inch	4021202	2.000	Ea
0490	Sewer Tap, 10 inch	4021203	1.000	Ea
0500	Sewer Tap, 24 inch	4021207	1.000	Ea
0510	Video Taping Sewer and Culv Pipe	4021275	3,750.000	Ft
0520	_ Slotted Drain, Galv, 12 inch	4027001	125.000	Ft
0530	Dr Structure Cover, Type B	4030010	39.000	Ea
0540	Dr Structure Cover, Type C	4030015	20.000	Ea
0550	Dr Structure Cover, Type G	4030040	1.000	Ea
0560	Dr Structure Cover, Type K	4030050	16.000	Ea
0570	Dr Structure Cover, Type VG	4030090	31.000	Ea
0580	Dr Structure, 24 inch dia	4030200	22.000	Ea
0590	Dr Structure, 48 inch dia	4030210	81.000	Ea
0600	Dr Structure, 60 inch dia	4030220	4.000	Ea
0610	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	91.000	Ft
0620	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	19.000	Ft
0630	Dr Structure, Tap, 6 inch	4030306	5.000	Ea
0640	Underdrain, Pipe, Open-Graded, 6 inch	4040043	964.000	Ft
0650	Underdrain, Subbase, 6 inch	4040063	255.000	Ft
0660	Underdrain, Subgrade, 6 inch	4040073	200.000	Ft
0670	Pavt, Cleaning	5010001	1.000	LSUM
0680	HMA Surface, Rem	5010005	9,380.000	Syd

0690	HMA Quality Initiative	5010007	10,902.000	Dlr
0700	Longitudinal Joint Density Quality Initiative	5010018	35,401.000	Dlr
0710	HMA, 3E3	5010045	1,890.000	Ton
0720	HMA, 4E3	5010051	1,261.000	Ton
0730	HMA, 5E3	5010057	948.000	Ton
0740	HMA Approach	5010061	99.000	Ton
0750	HMA, LVSP	5010703	1,253.000	Ton
0760	Conc Pavt, Curing Horizontal Surfaces	6020159	3,208.000	Syd
0770	Joint, Contraction, C3p	6020201	89.000	Ft
0780	Joint, Expansion, E3	6020208	246.000	Ft
0790	Joint, Contraction Cp, Intersection	6020250	500.000	Ft
0800	Conc Quality Initiative	6020401	8,295.000	Dlr
0810	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	2,644.000	Syd
0820	Shoulder, Nonreinf Conc, High Performance	6020524	118.000	Syd
0830	_ Joint, Contraction, Cp, Modified	6027001	1,163.000	Ft
0840	_ Joint, Expansion, E2, Intersection	6027001	35.000	Ft
0850	_ Joint, Expansion, E2, Modified	6027001	190.000	Ft
0860	Joint, Tied, Trg	6030023	60.000	Ft
0870	Pavt Repr, Nonreinf Conc, 9 inch	6030046	41.000	Syd
0880	Pavt Repr, Rem	6030080	41.000	Syd
0890	Conc Pavt, Bridge Approach, Reinf, High Performance	7060003	446.000	Syd
0900	Conc, Grade S2	7060011	7.000	Cyd
0910	Reinforcement, Steel, Culv and Headwall	7060091	350.000	Lb
0920	_ Pedestrian Path, Temp	8007001	60.000	Ft
0930	_ Impact Attenuator, TL-3, Furn and Install, Type 7	8007050	2.000	Ea
0940	_ Pedestrian Ramp, Temp	8007050	2.000	Ea
0950	Curb and Gutter, Conc, Det D2	8020031	3,735.000	Ft
0960	Curb and Gutter, Conc, Det F1	8020035	626.000	Ft
0970	Curb and Gutter, Conc, Det F4	8020038	37.000	Ft
0980	Valley Gutter, Conc	8020060	3,695.000	Ft
0990	Downspout Header, Conc	8020070	6.000	Ea
1000	_ Curb and Gutter, Conc, Det F3, Modified	8027001	21.000	Ft
1010	_ Curb and Gutter, Conc, Det F4, Modified	8027001	245.000	Ft
1020	_ Valley Gutter, Conc, Modified, Det A	8027001	75.000	Ft
1030	_ Valley Gutter, Conc, Modified, Det B	8027001	52.000	Ft
1040	_ Valley Gutter, Conc, Modified, Det C	8027001	41.000	Ft
1050	Detectable Warning Surface	8030010	22.000	Ft
1060	Curb Ramp Opening, Conc	8030030	79.000	Ft
1070	Sidewalk Ramp, Conc, 6 inch	8030036	342.000	Sft
1080	Sidewalk, Conc, 4 inch	8030044	822.000	Sft
1090	_ Detectable Warning Surface, Cast Iron, Special	8037001	31.000	Ft
1100	_ Sidewalk Ramp, Conc, 6 inch, Decorative,Type 1	8037010	107.000	Sft
1110	_ Sidewalk Ramp, Conc, 6 inch, Decorative,Type 2	8037010	375.000	Sft
1120	_ Sidewalk Ramp, Conc, 6 inch, Decorative,Type 3	8037010	96.000	Sft
1130	_ Sidewalk, Conc, 6 inch, Decorative, Type1	8037010	80.000	Sft

1140	_ Sidewalk, Conc, 6 inch, Decorative, Type2	8037010	366.000	Sft
1150	_ Sidewalk, Conc, 6 inch, Decorative, Type3	8037010	64.000	Sft
1160	Conc Barrier, Split, Type A	8040010	1,872.000	Ft
1170	Glare Screen, Conc	8040015	2,670.000	Ft
1180	_ Conc Barrier, Split, Type A, Special	8047001	21.000	Ft
1190	Shared use Path, Grading	8060030	468.000	Ft
1200	Shared use Path, HMA	8060040	90.000	Ton
1210	Guardrail, Type MGS-8	8070004	3,812.000	Ft
1220	Guardrail Anch, Bridge, Det T1	8070022	4.000	Ea
1230	Guardrail Approach Terminal, Type 1B	8070040	1.000	Ea
1240	Guardrail Approach Terminal, Type 1T	8070041	1.000	Ea
1250	Guardrail, Salv	8070075	4,270.000	Ft
1260	Guardrail Reflector	8070080	64.000	Ea
1270	Post, Wood Guard	8070085	13.000	Ea
1280	Fence, Protective	8080007	582.000	Ft
1290	_ Post and Chain Fence, Reinstall	8087001	84.000	Ft
1300	_ Post and Chain Fence, Rem and Salv	8087001	85.000	Ft
1310	Band, Sign	8100010	12.000	Ea
1320	Delineator Reflector, Green	8100133	13.000	Ea
1330	Fdn, Wood Support, Rem	8100280	13.000	Ea
1340	Glare Screen Connection, Conc, Perforated Steel Square Tube	8100291	2.000	Ea
1350	Post Hole Through Conc for Steel Post	8100340	1.000	Ea
1360	Delineator, Rem	8100349	15.000	Ea
1370	Post, Steel, 3 lb	8100371	409.000	Ft
1380	Post, Wood, 4 inch by 6 inch	8100380	64.000	Ft
1390	Sign, Type II, Rem	8100397	6.000	Ea
1400	Sign, Type IIA	8100398	24.000	Sft
1410	Sign, Type III, Erect, Salv	8100402	1.000	Ea
1420	Sign, Type III, Rem	8100403	33.000	Ea
1430	Sign, Type IIIA	8100404	56.000	Sft
1440	Sign, Type IIIB	8100405	97.000	Sft
1450	Sign, Type VB	8100425	26.000	Sft
1460	Reflective Panel for Permanent Sign Support, 3 foot	8100613	4.000	Ea
1470	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	438.000	Ft
1480	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	125.000	Ft
1490	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
1500	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,294.000	Ft
1510	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	6,249.000	Ft
1520	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,166.000	Ft
1530	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	5,643.000	Ft
1540	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	385.000	Ft
1550	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	3,080.000	Ft
1560	Rem Spec Mrkg	8110343	510.000	Sft
1570	Recessing Pavt Mrkg, Longit	8110450	10,446.000	Ft

1580	Recessing Pavt Mrkg, Transv	8110451	591.000	Sft
1590	Barricade, Type III, High Intensity, Lighted, Furn	8120022	34.000	Ea
1600	Barricade, Type III, High Intensity, Lighted, Oper	8120023	34.000	Ea
1610	Conc Barrier Ending, Temp, Detail 2, Adj	8120040	2.000	Ea
1620	Conc Barrier Ending, Temp, Detail 2, Furn	8120041	2.000	Ea
1630	Conc Barrier Ending, Temp, Detail 2, Oper	8120042	2.000	Ea
1640	Conc Barrier Reflector Replacement	8120070	20.000	Ea
1650	Conc Barrier, Temp, Adj	8120080	2,800.000	Ft
1660	Conc Barrier, Temp, Furn	8120081	2,800.000	Ft
1670	Conc Barrier, Temp, Oper	8120082	2,800.000	Ft
1680	High Intensity Light, Type B, Furn	8120110	2.000	Ea
1690	High Intensity Light, Type B, Oper	8120111	2.000	Ea
1700	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
1710	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
1720	Ltg for Night Work	8120160	1.000	LSUM
1730	Minor Traf Devices	8120170	1.000	LSUM
1740	Mobile Attenuator	8120180	2.000	Ea
1750	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	11,554.000	Ft
1760	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	55.000	Ft
1770	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	12.000	Ft
1780	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	7,680.000	Ft
1790	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	7,680.000	Ft
1800	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	14,378.000	Ft
1810	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	15,496.000	Ft
1820	Plastic Drum, High Intensity, Furn	8120250	267.000	Ea
1830	Plastic Drum, High Intensity, Oper	8120251	267.000	Ea
1840	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	36.000	Ft
1850	Sign Cover	8120310	18.000	Ea
1860	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
1870	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft
1880	Sign, Type B, Temp, Prismatic, Furn	8120350	1,977.000	Sft
1890	Sign, Type B, Temp, Prismatic, Oper	8120351	1,977.000	Sft
1900	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	277.000	Sft
1910	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	277.000	Sft
1920	Traf Regulator Control	8120370	1.000	LSUM
1930	_ Temp Lane Separator System, Furn	8127001	1,100.000	Ft
1940	_ Temp Lane Separator System, Oper	8127001	1,100.000	Ft
1950	_ Conc Barrier-Mounted Temp Sign System, Furn	8127050	6.000	Ea
1960	_ Conc Barrier-Mounted Temp Sign System, Oper	8127050	6.000	Ea
1970	_ Pedestrian Type II Barricade, Temp	8127050	17.000	Ea
1980	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8127050	6.000	Ea

1990	_ Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8127050	6.000	Ea
2000	Riprap, Plain	8130010	89.000	Syd
2010	Site Preparation, Max \$17,700.00	8150001	1.000	LSUM
2020	Watering and Cultivating, First Season, Min \$10,000.00	8150002	1.000	LSUM
2030	Watering and Cultivating, Second Season, Min \$12,400.00	8150003	1.000	LSUM
2040	Acer platanoides Emerald Queen, 2 inch	8150117	3.000	Ea
2050	Acer rubrum, 1 1/2 inch	8150146	16.000	Ea
2060	Betula nigra, 1 1/2 inch clump, 3 stem	8150544	4.000	Ea
2070	Nyssa sylvatica, 1 1/2 inch	8152511	15.000	Ea
2080	Pinus strobus, 4 foot	8152869	17.000	Ea
2090	Quercus bicolor, 1 1/2 inch	8153042	24.000	Ea
2100	_ Diervilla lonicera 'Copper', #3 cont.	8157050	326.000	Ea
2110	_ Platanus occidentalis, 1 1/2 inch	8157050	11.000	Ea
2120	Compost Surface, Furn, LM	8160013	63.000	Cyd
2130	Seeding, Mixture TSM	8160041	300.000	Lb
2140	_ Turf Establishment, Performance	8167011	24,028.000	Syd
2150	_ Shredded Bark Mulch	8167021	63.000	Cyd
2160	Conduit, Rem	8190140	288.000	Ft
2170	Conduit, Schedule 80 PVC, 1 inch	8190155	300.000	Ft
2180	Conduit, Schedule 80 PVC, 2 inch	8190157	1,655.000	Ft
2190	Conduit, Schedule 80 PVC, 3 1/2 inch	8190160	10.000	Ft
2200	DB Cable, in Conduit, 600V, 1/C#8	8190212	3,310.000	Ft
2210	DB Cable, in Conduit, 600V, 1/C#10	8190213	4,140.000	Ft
2220	Cable, Equipment Grounding Wire, 1/C#8	8190237	1,655.000	Ft
2230	Cable, Equipment Grounding Wire, 1/C#10	8190238	2,070.000	Ft
2240	Hh, Heavy Duty Cover	8190246	5.000	Ea
2250	Hh, Rem	8190254	2.000	Ea
2260	Light Std Arm, Rem	8190277	10.000	Ea
2270	Light Std Fdn	8190279	5.000	Ea
2280	Light Std Fdn, Rem	8190280	4.000	Ea
2290	Light Std, Frangible Transformer Base	8190281	4.000	Ea
2300	Light Std Shaft, 30 foot or less	8190285	21.000	Ea
2310	Light Std Shaft, Rem	8190305	10.000	Ea
2320	Luminaire, Install Salv	8190350	2.000	Ea
2330	Luminaire, Rem	8190360	10.000	Ea
2340	Luminaire, Rem and Salv	8190365	2.000	Ea
2350	Wood Pole, Rem	8190505	2.000	Ea
2360	_ Lighting Control Panel	8197050	1.000	Ea
2370	_ Luminaire, Bridge	8197050	20.000	Ea
2380	_ Luminaire, Underbridge	8197050	8.000	Ea
2390	Controller and Cabinet, Rem	8200030	1.000	Ea
2400	Flsh Beacon, Solar Power, Rem	8200072	1.000	Ea
2410	Pedestal Fdn, Rem	8200106	1.000	Ea

2420	Pedestal, Rem	8200110	1.000	Ea
2430	Span Wire, Rem	8200141	1.000	Ea
2440	Loop Detector, Rem	8200173	1.000	Ea
2450	TS, Bag	8200450	16.000	Ea
2460	TS, Bag, Rem	8200451	14.000	Ea
2470	TS Head, Temp	8200453	4.000	Ea
2480	Radar Vehicle Presence Stop-Bar Detector System	8200510	1.000	Ea
2490	Radar Vehicle Presence Stop-Bar Detector Sensor	8200513	4.000	Ea
2500	Radar Vehicle Presence Stop-Bar Detector Sensor, Rem	8200514	2.000	Ea
2510	Monument Preservation	8210010	1.000	Ea
2520	Monument Preservation, Vertical	8210015	1.000	Ea
2530	Non-Freeway Shoulder Corrugations, Milled, HMA	8220025	4,080.000	Ft
2540	Flowable Fill, Non-Structural	8260148	7.000	Cyd
2550	_ Temp Haul Routes and Work Pads, Rem	8507050	4.000	Ea
2560	_ Drive Gate, Rem, Salvage and Re-erect	8507051	1.000	LSUM
2570	_ Temp Haul Route and Work Pads	8507051	1.000	LSUM

Section: 2

2580	Structures, Rem Portions (R01 of 56021-EB)	2040061	1.000	LSUM
2590	Structures, Rem Portions (R01 of 56021-WB)	2040061	1.000	LSUM
2600	_ Structure Demolition Plan (R01 of 56021-EB)	2047051	1.000	LSUM
2610	_ Structure Demolition Plan (R01 of 56021-WB)	2047051	1.000	LSUM
2620	Backfill, Structure, CIP	2060002	2,420.000	Cyd
2630	Excavation, Fdn	2060010	12,250.000	Cyd
2640	_ Backfill, Lightweight, Iron Blast Furnace Slag Aggregate, LM	2067021	5,470.000	Cyd
2650	Erosion Control, Filter Bag	2080014	8.000	Ea
2660	Erosion Control, Gravel Filter Berm	2080018	360.000	Ft
2670	Erosion Control, Turbidity Curtain, Shallow	2080044	580.000	Ft
2680	Aggregate Base, LM	3020002	180.000	Cyd
2690	Underdrain, Fdn, 4 inch	4040031	306.000	Ft
2700	Underdrain, Fdn, 6 inch	4040033	306.000	Ft
2710	Underdrain Outlet, 4 inch	4040091	99.000	Ft
2720	Underdrain Outlet, 6 inch	4040093	99.000	Ft
2730	Underdrain, Outlet Ending, 4 inch	4040111	2.000	Ea
2740	Underdrain, Outlet Ending, 6 inch	4040113	2.000	Ea
2750	_ Steel Sheet Piling, Temp, Left in Place, Special	7047010	7,410.000	Sft
2760	_ Steel Sheet Piling, Temp, Special	7047010	7,410.000	Sft
2770	_ Cofferdam, Left in Place, Special (B03-3 of 56021)	7047051	1.000	LSUM
2780	_ Cofferdam, Left in Place, Special (B03-4 of 56021)	7047051	1.000	LSUM
2790	_ Cofferdam, Special (B03-3 of 56021)	7047051	1.000	LSUM
2800	_ Cofferdam, Special (B03-4 of 56021)	7047051	1.000	LSUM
2810	Bridge Ltg, Furn and Rem (B03-3 of 56021)	7060001	1.000	LSUM
2820	Bridge Ltg, Furn and Rem (B03-4 of 56021)	7060001	1.000	LSUM

2830	Bridge Ltg, Oper and Maintain	7060002	2,275.000	Cyd
2840	Conc, Grade S2, Subfooting	7060012	50.000	Cyd
2850	Conc, Grade T	7060013	259.000	Cyd
2860	False Decking	7060060	111,080.000	Sft
2870	Reinforcement, Steel, Epoxy Coated	7060092	861,527.000	Lb
2880	Substructure Conc, High Performance	7060101	1,957.000	Cyd
2890	Superstructure Conc, Form, Finish, and Cure (B03-3 of 56021)	7060111	1.000	LSUM
2900	Superstructure Conc, Form, Finish, and Cure (B03-4 of 56021)	7060111	1.000	LSUM
2910	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03-3 of 56021)	7060112	1.000	LSUM
2920	Superstructure Conc, Form, Finish, and Cure, Night Casting (B03-4 of 56021)	7060112	1.000	LSUM
2930	Superstructure Conc, High Performance	7060116	110.000	Cyd
2940	Superstructure Conc, Night Casting, High Performance	7060117	2,275.000	Cyd
2950	_ Expansion Joint System, Modular, 9 inch	7067001	190.000	Ft
2960	_ Simulated Stone Masonry	7067011	707.000	Syd
2970	_ Joint, Self-Expanding, Up-Turn	7067050	4.000	Ea
2980	Bearing, Elastomeric, 1 inch	7070012	42,878.000	Sin
2990	Bearing, Elastomeric, 2 1/4 inch	7070017	5,940.000	Sin
3000	Bearing, Elastomeric, 3 1/2 inch	7070022	6,210.000	Sin
3010	Shear Developers (B03-3 of 56021)	7070040	1.000	LSUM
3020	Shear Developers (B03-4 of 56021)	7070040	1.000	LSUM
3030	Structural Steel, Plate, Erect	7070060	3,254,500.000	Lb
3040	Structural Steel, Plate, Furn and Fab	7070061	3,254,500.000	Lb
3050	_ Bearing, Elastomeric, 4 1/4 inch	7077008	13,500.000	Sin
3060	_ Complex Erection (B03-3 of 56021)	7077051	1.000	LSUM
3070	_ Complex Erection (B03-4 of 56021)	7077051	1.000	LSUM
3080	Joint Waterproofing	7100001	615.000	Sft
3090	Joint Waterproofing, Expansion	7100003	78.000	Sft
3100	Conc Surface Coating, Warranty (B03-3 of 56021)	7100009	1.000	LSUM
3110	Conc Surface Coating, Warranty (B03-4 of 56021)	7100009	1.000	LSUM
3120	Bridge Railing, Aesthetic Parapet Tube, High Performance	7110004	1,585.000	Ft
3130	Bridge Barrier Railing, Type 4, High Performance	7110015	1,551.000	Ft
3140	Hand Chipping, Shallow	7120003	43.000	Syd
3150	Hand Chipping, Other Than Deck	7120007	150.000	Cft
3160	Patch, Forming	7120017	200.000	Sft
3170	Adhesive Anchoring of Horizontal Bar, 1/2 inch	7120030	228.000	Ea
3180	Adhesive Anchoring of Vertical Bar, 1/2 inch	7120032	228.000	Ea
3190	Reinforcement, Mechanical Splice	7120084	1,616.000	Ea
3200	Patching Conc, C-L	7120112	13.000	Cyd
3210	Field Repair of Damaged Coating (B03-3 of 56021)	7160001	1.000	LSUM
3220	Field Repair of Damaged Coating (B03-4 of 56021)	7160001	1.000	LSUM

3230	Drain Casting Assembly	7170010	4.000	Ea
3240	Temp Casing-Left in Place	7180121	2,723.000	Ft
3250	_ Crosshole Sonic Logging Access Tube	7187001	20,105.000	Ft
3260	_ Drilled Shaft, Standard, 42 inch	7187001	2,252.000	Ft
3270	_ Drilled Shaft, Standard, 72 inch	7187001	1,851.000	Ft
3280	_ Crosshole Sonic Log Testing	7187050	80.000	Ea
3290	_ Drilled Shaft Equipment, Furn, Special (B03-3 of 56021)	7187051	1.000	LSUM
3300	_ Drilled Shaft Equipment, Furn, Special (B03-4 of 56021)	7187051	1.000	LSUM
3310	_ Obstruction Rem, Special	7187060	100,000.000	Dlr
3320	_ Riprap, Special, Class II	9167031	5,414.000	Ton