



Schedule of Pay Items

Report v1

Letting Call: 211215 601

Letting Date: ,December 15
2021

Contract ID: 63022-124103

Description: 11.80 mi of pavement reconstruction, active traffic management installation, ITS equipment, ramp metering at on-ramps, box culvert construction (10 total), grading and drainage improvements, signing, lighting, landscaping, bridge rehabilitation (12 structures) and pavement markings on I-96 from east of Kent Lake Road to the I-275 / I-696 / M-5 interchange in the cities of Novi, Wixom, and Farmington Hills, Oakland County. This project includes two 5 year materials and workmanship pavement warranties (HMA or concrete), one 2 year pavement performance warranty, one 2 year concrete surface coating warranty, and one 5 year performance warranty for thin epoxy polymer bridge deck overlay. This project is an Alternate Pavement Bid project. Alternate 1 (Section 2) is an HMA Alternative and includes a 5 year materials and workmanship pavement warranty. Alternate 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
124103A	N/A	N/A	RBMP 63022
201939A	22A0071	N/A	IMG 63022
210097A	22A0072	N/A	IM 63022

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Conc Quality Initiative	10000030	21,624.000	Dlr
0020	_ Technical Proposal	1027060	35,000.000	Dlr
0030	Dispute Review Board, Hearing	1040010	30,000.000	Dlr
0040	Dispute Review Board, Progress Meeting	1040050	84,000.000	Dlr
0050	_ Reimbursed Permit Fees	1077060	62,500.000	Dlr
0060	Mobilization, Max \$21,829,900.00	1100001	1.000	LSUM
0070	Clearing	2010001	11.300	Acre
0080	Clearing, Fence	2010002	8.000	Sta
0090	_ Clearing, Fence, Spec	2017002	1.000	Sta
0100	_ Clearing, Spec	2017012	0.020	Acre
0110	Tree, Rem, 19 inch to 36 inch	2020002	26.000	Ea
0120	Tree, Rem, 37 inch or Larger	2020003	1.000	Ea
0130	Tree, Rem, 6 inch to 18 inch	2020004	107.000	Ea
0140	Culv, Rem, Less than 24 inch	2030001	11.000	Ea
0150	Culv, Rem, 24 inch to 48 inch	2030002	19.000	Ea
0160	Culv, Rem, Over 48 inch	2030003	7.000	Ea
0170	Culv, End, Rem, Less than 24 inch	2030005	34.000	Ea
0180	Culv, End, Rem, 24 inch to 48 inch	2030006	30.000	Ea
0190	Dr Structure, Rem	2030011	558.000	Ea
0200	Sewer, Rem, Less than 24 inch	2030015	34,381.000	Ft

0210	Sewer, Rem, 24 inch to 48 inch	2030016	29,399.000	Ft
0220	_ Edge Drain, Rem	2037001	10,000.000	Ft
0230	Asbestos Materials, Rem and Disposal	2040001	10,000.000	Dlr
0240	Conc Barrier, Rem	2040010	58,012.000	Ft
0250	Curb and Gutter, Rem	2040020	1,616.000	Ft
0260	Fence, Rem	2040025	90,700.000	Ft
0270	Guardrail, Rem	2040035	21,411.000	Ft
0280	Masonry and Conc Structure, Rem	2040045	103.000	Cyd
0290	Pavt, Rem	2040050	668,204.000	Syd
0300	Sidewalk, Rem	2040055	687.000	Syd
0310	Exploratory Investigation, Vertical	2040080	6,265.000	Ft
0320	_ Pavt, Rem, Spec	2047011	30,045.000	Syd
0330	Backfill, Swamp	2050001	5,000.000	Cyd
0340	Ditch Cleanout	2050006	10.000	Sta
0350	Embankment, CIP	2050010	7,353.000	Cyd
0360	Excavation, Earth	2050016	153,548.000	Cyd
0370	Excavation, Peat	2050017	5,000.000	Cyd
0380	Non Haz Contaminated Material Handling and Disposal, LM	2050031	10,000.000	Cyd
0390	Subgrade Undercutting, Type I	2050040	300.000	Cyd
0400	Subgrade Undercutting, Type II	2050041	14,120.000	Cyd
0410	Subgrade Undercutting, Type IV	2050043	8,305.000	Cyd
0420	Flowable Fill, Non-Structural	2050148	253.000	Cyd
0430	_ Subgrade Undercutting, Modified	2057021	500.000	Cyd
0440	Erosion Control, Check Dam, Stone	2080012	2,350.000	Ft
0450	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0460	Erosion Control, Gravel Filter Berm	2080018	500.000	Ft
0470	Erosion Control, Inlet Protection, Fabric Drop	2080020	1,554.000	Ea
0480	Erosion Control, Inlet Protection, Sediment Trap	2080024	30.000	Ea
0490	Erosion Control, Maintenance, Sediment Rem	2080026	250.000	Cyd
0500	Erosion Control, Sand Bag	2080028	1,310.000	Ea
0510	Erosion Control, Sediment Basin	2080032	90.000	Cyd
0520	Erosion Control, Sediment Trap	2080034	1,550.000	Ea
0530	Erosion Control, Silt Fence	2080036	79,335.000	Ft
0540	Erosion Control, Turbidity Curtain, Deep	2080042	500.000	Ft
0550	Erosion Control, Turbidity Curtain, Shallow	2080044	500.000	Ft
0560	_ Ditch Liner, 4 foot Width	2087011	948.000	Syd
0570	Project Cleanup	2090001	1.000	LSUM
0580	Subbase, CIP	3010002	10,717.000	Cyd
0590	Aggregate Base, 3 inch	3020008	350.000	Syd
0600	Aggregate Base, 6 inch	3020016	3,241.000	Syd
0610	Aggregate Base, 8 inch	3020020	8,791.000	Syd
0620	Aggregate Base, 10 inch	3020026	40,266.000	Syd
0630	Aggregate Base, 12 inch	3020030	7,076.000	Syd
0640	_ Aggregate Base, 14 inch	3027011	3,163.000	Syd

0650	_ Aggregate Base, 16 inch	3027011	3,002.000	Syd
0660	Open-Graded Dr Cse, 16 inch	3030016	2,978.000	Syd
0670	Approach, CI II, 6 inch	3070028	1,285.000	Syd
0680	Shld, CI II, 6 inch	3070128	1,046.000	Syd
0690	Shld, CI II, 7 inch, Temp	3070184	4,703.000	Syd
0700	_ Shld, CI II, 9 1/2 inch	3077011	79.000	Syd
0710	Geotextile, Separator	3080005	9,965.000	Syd
0720	Geotextile, Stabilization	3080010	5,000.000	Syd
0730	Road Grade Biaxial Geogrid	3082002	21,896.000	Syd
0740	Culv End Sect, 12 inch	4010012	5.000	Ea
0750	Culv End Sect, Conc, 12 inch	4010047	17.000	Ea
0760	Culv End Sect, Conc, 15 inch	4010048	8.000	Ea
0770	Culv End Sect, Conc, 18 inch	4010049	15.000	Ea
0780	Culv End Sect, Conc, 24 inch	4010051	16.000	Ea
0790	Culv End Sect, Conc, 30 inch	4010052	12.000	Ea
0800	Culv End Sect, Conc, 36 inch	4010053	5.000	Ea
0810	Culv End Sect, Conc, 42 inch	4010054	2.000	Ea
0820	Culv End Sect, Conc, 54 inch	4010056	4.000	Ea
0830	Culv End Sect, Conc, 60 inch	4010057	6.000	Ea
0840	Culv End Sect, Conc, 72 inch	4010059	12.000	Ea
0850	Culv End Sect, Conc, 84 inch	4010061	2.000	Ea
0860	Culv End Sect, Footing	4010072	99.000	Ea
0870	Culv, CI A, 15 inch	4010132	48.000	Ft
0880	Culv, CI A, 24 inch	4010134	266.000	Ft
0890	Culv, CI A, 30 inch	4010135	584.000	Ft
0900	Culv, CI A, 48 inch	4010138	87.000	Ft
0910	Culv, CI A, 60 inch	4010140	146.000	Ft
0920	Culv, CI B, 30 inch	4010237	275.000	Ft
0930	Culv, CI B, 36 inch	4010238	117.000	Ft
0940	Culv, CI E, 12 inch	4010539	293.000	Ft
0950	Culv, CI IV, 60 inch, Jacked in Place	4010713	163.000	Ft
0960	Culv, CI IV, 72 inch, Jacked in Place	4010715	1,302.000	Ft
0970	Culv, CI V, 36 inch, Jacked in Place	4010726	167.000	Ft
0980	Culv, CI V, 42 inch, Jacked in Place	4010727	214.000	Ft
0990	Culv, CI V, 54 inch, Jacked in Place	4010729	616.000	Ft
1000	Culv, Downspout, 12 inch	4010795	1,175.000	Ft
1010	Culv, Reinf Conc Ellip, HE CI A, 22 inch by 34 inch	4010811	75.000	Ft
1020	Culv, Reinf Conc Ellip, HE CI A, 24 inch by 38 inch	4010812	85.000	Ft
1030	Culv, Reinf Conc Ellip, HE CI A, 29 inch by 45 inch	4010813	63.000	Ft
1040	Culv, Reinf Conc Ellip, HE CI A, 38 inch by 60 inch	4010815	77.000	Ft
1050	Culv, Reinf Conc Ellip, HE CI A, 43 inch by 68 inch	4010816	157.000	Ft
1060	Culv, Reinf Conc Ellip, HE CI A, 58 inch by 91 inch	4010819	280.000	Ft
1070	Culv, Reinf Conc Ellip, HE CI A, 63 inch by 98 inch	4010820	200.000	Ft
1080	Culv, Slp End Sect, 1 on 4, 24 inch, Longit	4010923	2.000	Ea
1090	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	7.000	Ea

1100	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	8.000	Ea
1110	Culv, Slp End Sect, 1 on 4, 36 inch, Transv	4010930	5.000	Ea
1120	Culv, Slp End Sect, 1 on 4, 48 inch, Transv	4010934	2.000	Ea
1130	Culv, Slp End Sect, 1 on 4, 60 inch, Transv	4010938	2.000	Ea
1140	Culv, Slp End Sect, 1 on 6, 36 inch, Transv	4010962	3.000	Ea
1150	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 22 inch by 34 inch, Transv	4011054	2.000	Ea
1160	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 24 inch by 38 inch, Transv	4011056	2.000	Ea
1170	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Longit	4011059	3.000	Ea
1180	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 29 inch by 45 inch, Transv	4011060	2.000	Ea
1190	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 34 inch by 53 inch, Longit	4011061	1.000	Ea
1200	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 38 inch by 60 inch, Transv	4011064	2.000	Ea
1210	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 43 inch by 68 inch, Transv	4011066	2.000	Ea
1220	Culv, Slp End Sect, Ellip Pipe, 1 on 4, 48 inch by 76 inch, Longit	4011067	2.000	Ea
1230	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 29 inch by 45 inch, Longit	4011089	1.000	Ea
1240	Culv, Slp End Sect, Ellip Pipe, 1 on 6, 34 inch by 53 inch, Longit	4011091	2.000	Ea
1250	Dr Marker Post	4011109	849.000	Ea
1260	Steel Casing Pipe, 20 inch, Jacked in Place	4011123	208.000	Ft
1270	Steel Casing Pipe, 24 inch, Jacked in Place	4011134	156.000	Ft
1280	Steel Casing Pipe, 30 inch, Jacked in Place	4011147	261.000	Ft
1290	Steel Casing Pipe, 36 inch, Jacked in Place	4011160	648.000	Ft
1300	_ Culv Cleanout	4017001	685.000	Ft
1310	_ Culv, CI V, 84 inch, Jacked in Place	4017001	307.000	Ft
1320	_ Stoplog Structure	4017050	26.000	Ea
1330	Sewer, CI A, 12 inch, Tr Det B	4020033	18,470.000	Ft
1340	Sewer, CI A, 15 inch, Tr Det B	4020034	3,410.000	Ft
1350	Sewer, CI A, 18 inch, Tr Det B	4020035	18,280.000	Ft
1360	Sewer, CI A, 24 inch, Tr Det B	4020036	13,237.000	Ft
1370	Sewer, CI A, 30 inch, Tr Det B	4020037	6,151.000	Ft
1380	Sewer, CI A, 36 inch, Tr Det B	4020038	2,489.000	Ft
1390	Sewer, CI B, 12 inch, Tr Det B	4020183	270.000	Ft
1400	Sewer, CI B, 24 inch, Tr Det B	4020186	404.000	Ft
1410	Sewer, CI B, 30 inch, Tr Det B	4020187	152.000	Ft
1420	Sewer, CI B, 60 inch, Tr Det B	4020192	118.000	Ft
1430	Sewer, CI E, 12 inch, Tr Det B	4020600	252.000	Ft
1440	Sewer, CI E, 15 inch, Tr Det B	4020601	156.000	Ft
1450	Sewer, CI E, 18 inch, Tr Det B	4020602	120.000	Ft
1460	Sewer, CI E, 24 inch, Tr Det B	4020603	433.000	Ft
1470	Sewer, CI IV, 60 inch, Jacked in Place	4021179	453.000	Ft
1480	Trench Undercut and Backfill	4021260	500.000	Cyd

1490	Video Taping Sewer and Culv Pipe	4021275	70,039.000	Ft
1500	Sewer, Reinf Conc Ellip, HE Cl A, 29 inch by 45 inch, Tr Det A	4021284	484.000	Ft
1510	Sewer, Reinf Conc Ellip, HE Cl A, 34 inch by 53 inch, Tr Det A	4021285	225.000	Ft
1520	Sewer, Reinf Conc Ellip, HE Cl A, 29 inch by 45 inch, Tr Det B	4021304	282.000	Ft
1530	Sewer, Reinf Conc Ellip, HE Cl A, 34 inch by 53 inch, Tr Det B	4021305	217.000	Ft
1540	Sewer, Reinf Conc Ellip, HE Cl A, 48 inch by 76 inch, Tr Det B	4021308	230.000	Ft
1550	_ Slotted Drain, Galv, 12 inch	4027001	120.000	Ft
1560	Dr Structure Cover, Adj, Case 1, Modified	4030004	514.000	Ea
1570	Dr Structure Cover, Adj, Case 2	4030006	13.000	Ea
1580	Dr Structure Cover, Type B	4030010	9.000	Ea
1590	Dr Structure Cover, Type D	4030025	55.000	Ea
1600	Dr Structure Cover, Type E	4030035	1.000	Ea
1610	Dr Structure Cover, Type G	4030040	4.000	Ea
1620	Dr Structure Cover, Type J	4030045	1.000	Ea
1630	Dr Structure Lead, Cleaning, 8 inch	4030108	44.000	Ft
1640	Dr Structure Lead, Cleaning, 12 inch	4030112	164.000	Ft
1650	Dr Structure Lead, Cleaning, 18 inch	4030118	165.000	Ft
1660	Dr Structure Lead, Cleaning, 24 inch	4030124	166.000	Ft
1670	Dr Structure Lead, Cleaning, 30 inch	4030130	256.000	Ft
1680	Dr Structure Lead, Cleaning, 36 inch	4030136	1,085.000	Ft
1690	Dr Structure Lead, Cleaning, 42 inch	4030142	153.000	Ft
1700	Dr Structure Lead, Cleaning, 48 inch	4030148	288.000	Ft
1710	Dr Structure, 24 inch dia	4030200	7.000	Ea
1720	Dr Structure, 48 inch dia	4030210	873.000	Ea
1730	Dr Structure, 60 inch dia	4030220	73.000	Ea
1740	Dr Structure, 72 inch dia	4030230	15.000	Ea
1750	Dr Structure, 84 inch dia	4030231	7.000	Ea
1760	Dr Structure, Add Depth of 84 inch dia, 8 foot to 15 foot	4030232	13.000	Ft
1770	Dr Structure, 96 inch dia	4030234	1.000	Ea
1780	Dr Structure, Add Depth of 96 inch dia, 8 foot to 15 foot	4030235	7.000	Ft
1790	Dr Structure, 108 inch dia	4030237	3.000	Ea
1800	Dr Structure, Add Depth of 108 inch dia, 8 foot to 15 foot	4030238	1.000	Ft
1810	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	375.000	Ft
1820	Dr Structure, Add Depth of 48 inch dia, more than 15 foot	4030251	11.000	Ft
1830	Dr Structure, Add Depth of 60 inch dia, 8 foot to 15 foot	4030260	105.000	Ft
1840	Dr Structure, Add Depth of 60 inch dia, more than 15 foot	4030261	2.000	Ft
1850	Dr Structure, Add Depth of 72 inch dia, 8 foot to 15 foot	4030270	12.000	Ft

1860	Dr Structure, Tap, 6 inch	4030306	1,500.000	Ea
1870	Dr Structure, Tap, 12 inch	4030312	17.000	Ea
1880	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
1890	Dr Structure, Tap, 24 inch	4030324	4.000	Ea
1900	Dr Structure, Tap, 30 inch	4030330	1.000	Ea
1910	Dr Structure, Tap, 36 inch	4030336	1.000	Ea
1920	Dr Structure, Temp Lowering	4030390	19.000	Ea
1930	_ Dr Structure Cover, Type B, Modified	4037050	42.000	Ea
1940	_ Dr Structure Cover, Type D, Modified	4037050	15.000	Ea
1950	_ Dr Structure Cover, Type K, Modified	4037050	2.000	Ea
1960	_ Dr Structure Cover, Type V, Modified	4037050	864.000	Ea
1970	Underdrain, Bank, 6 inch	4040003	500.000	Ft
1980	Underdrain, Pipe, Open-Graded, 6 inch	4040043	374,387.000	Ft
1990	Underdrain, Subbase, 6 inch	4040063	4,000.000	Ft
2000	Underdrain, Subgrade, 6 inch	4040073	15,000.000	Ft
2010	Underdrain Outlet, 6 inch	4040093	35,096.000	Ft
2020	Underdrain, Outlet Ending, 6 inch	4040113	896.000	Ea
2030	Video Inspection of Underdrain	4040200	405,456.000	Ft
2040	Pavt, Cleaning	5010001	1.000	LSUM
2050	Cold Milling HMA Surface	5010002	106,860.000	Syd
2060	Bump Grinding	5010004	1,975.000	Syd
2070	HMA Surface, Rem	5010005	897,799.000	Syd
2080	HMA Quality Initiative	5010007	2,106.000	Dlr
2090	Pavt Joint and Crack Repr, Det 7	5010020	43,411.000	Ft
2100	Hand Patching	5010025	2,171.000	Ton
2110	HMA Approach	5010061	147.000	Ton
2120	HMA, 3EML	5012013	177.000	Ton
2130	HMA, 5EML	5012037	47.000	Ton
2140	HMA, Temp Pavt (3EML)	5012101	12,801.000	Ton
2150	HMA, Temp Pavt (4EML)	5012103	13,014.000	Ton
2160	HMA, Temp Pavt (5EML)	5012105	7,028.000	Ton
2170	_ Ride Incentive	5017060	381,322.000	Dlr
2180	Micro-Surface, Warranty	5040030	8,913.000	Syd
2190	Micro-Surface	5042000	8,913.000	Syd
2200	Conc Pavt, Misc, Nonreinf, 10 inch	6020058	170.000	Syd
2210	Joint, Expansion, E3	6020208	908.000	Ft
2220	Joint, Expansion, E4	6020209	98.000	Ft
2230	Conc Pavt, Bridge Approach, Reinf, High Performance	6022000	2,540.000	Syd
2240	_ Reinf Conc Saddle	6027001	18.000	Ft
2250	_ Conc Slab, Reinf, 9 inch	6027011	125.000	Syd
2260	Crack Sealing, Conc Pavt	6030010	18,430.000	Ft
2270	Cold Milling Conc Pavt	6030014	5,075.000	Syd
2280	Joint, Contraction, Crg	6030020	890.000	Ft
2290	Lane Tie, Epoxy Anchored	6030030	980.000	Ea
2300	Non-Chloride Accelerator	6030035	324.000	Gal

2310	Pavt Repr, Nonreinf Conc, 10 inch	6030048	24.000	Syd
2320	Pavt Repr, Nonreinf Conc, 11 inch	6030050	150.000	Syd
2330	Pavt Repr, Nonreinf Conc, 12 inch	6030052	220.000	Syd
2340	Pavt Repr, Nonreinf Conc, 13 inch	6030053	438.000	Syd
2350	Pavt Repr, Rem	6030080	822.000	Syd
2360	Resealing Trans Joints with Hot-Poured Rubber	6030100	33,396.000	Ft
2370	Resealing Longit Joints with Hot-Poured Rubber	6030101	36,990.000	Ft
2380	Steel Sheet Piling, Permanent	7040001	8,512.000	Sft
2390	_ Bypass Pumping	7047050	3.000	Ea
2400	_ Construction Dam	7047050	3.000	Ea
2410	Reinforcement, Steel, Culv and Headwall	7060091	3,490.000	Lb
2420	Conc, Grade 3500	7062001	91.000	Cyd
2430	Adhesive Anchoring of Horizontal Bar, 3/4 inch	7120028	18.000	Ea
2440	Adhesive Anchoring of Vertical Bar, 3/4 inch	7120034	21.000	Ea
2450	Filler Wall Conc	7120087	4.000	Cyd
2460	Drilled Shaft, 36 inch	7180036	30.000	Ft
2470	Temp Casing-Left in Place	7180121	109.000	Ft
2480	Dynamic Message Sign, Fdn	7180200	90.000	Ft
2490	_ Conduit, Clean and Test	8007001	7,893.000	Ft
2500	_ Conduit, Directional Bore, 1, 5 inch with Innerduct	8007001	705.000	Ft
2510	_ Small Dynamic Message Sign, Fdn, Type B	8007001	25.000	Ft
2520	_ Atmospheric Sensor, Air Temperature/Humidity	8007050	3.000	Ea
2530	_ Atmospheric Sensor, Barometric Pressure	8007050	3.000	Ea
2540	_ Atmospheric Sensor, Precipitation	8007050	3.000	Ea
2550	_ Atmospheric Sensor, Ultrasonic Wind	8007050	2.000	Ea
2560	_ Atmospheric Sensor, Visibility	8007050	2.000	Ea
2570	_ Bridge Deck Warning System	8007050	1.000	Ea
2580	_ Cabinet Modifications	8007050	1.000	Ea
2590	_ Cabinet, ATC Ramp Metering	8007050	8.000	Ea
2600	_ Closed Circuit Television Camera, Rem	8007050	11.000	Ea
2610	_ Digital Video Encoder, Rem	8007050	9.000	Ea
2620	_ Dynamic Message Sign, Amber, 46mm, 27x95	8007050	1.000	Ea
2630	_ Dynamic Message Sign, Amber, 66mm, 27x125	8007050	3.000	Ea
2640	_ Dynamic Message Sign, Large, Rem	8007050	3.000	Ea
2650	_ Dynamic Message Sign, Small Support Structure, Type B	8007050	1.000	Ea
2660	_ Dynamic Message Sign, Support Structure, Rem	8007050	3.000	Ea
2670	_ Environmental Sensor Station Tower	8007050	2.000	Ea
2680	_ Hh, Clean	8007050	39.000	Ea
2690	_ ITS Cabinet, Environmentally Controlled	8007050	1.000	Ea
2700	_ ITS Cabinet, Ground Mtd, Large	8007050	46.000	Ea
2710	_ ITS Cabinet, Ground Mtd, Standard	8007050	20.000	Ea
2720	_ ITS Cabinet, Pole Mtd	8007050	1.000	Ea
2730	_ ITS Cabinet, Small	8007050	1.000	Ea
2740	_ Lane Control System, 1 Panel	8007050	7.000	Ea

2750	_ Lane Control System, 4 Panel	8007050	17.000	Ea
2760	_ Lane Control System, 4 Panel with Dynamic Message Sign	8007050	19.000	Ea
2770	_ Lane Control System, 5 Panel	8007050	2.000	Ea
2780	_ Lane Control System, 5 Panel with Dynamic Message Sign	8007050	1.000	Ea
2790	_ Managed Field Ethernet Switch, Layer 3, 24 Port	8007050	4.000	Ea
2800	_ Node 13 Modifications	8007050	1.000	Ea
2810	_ Node 14 Modifications	8007050	1.000	Ea
2820	_ Pad-Mtd Transformer, 25kV AMP	8007050	1.000	Ea
2830	_ Pad-Mtd Transformer, 37.5kV AMP	8007050	1.000	Ea
2840	_ Pad-Mtd Transformer, 50kV AMP	8007050	1.000	Ea
2850	_ Pavt Sensor, Non-Invasive Condition	8007050	3.000	Ea
2860	_ Portable Closed-Circuit Television Camera, Furn	8007050	12.000	Ea
2870	_ Portable Closed-Circuit Television Camera, Oper	8007050	12.000	Ea
2880	_ Power Distribution Unit	8007050	77.000	Ea
2890	_ Prest Spun Conc Pole, Rem, Shallow	8007050	6.000	Ea
2900	_ Rack-Mtd Step-Down Transformer, 15kV AMP	8007050	2.000	Ea
2910	_ Rack-Mtd Step-Down Transformer, 7.5kV AMP	8007050	23.000	Ea
2920	_ Rack-Mtd Step-Up Transformer, 15kV AMP	8007050	3.000	Ea
2930	_ Rack-Mtd Step-Up Transformer, 7.5kV AMP	8007050	8.000	Ea
2940	_ Radio, Install Salv, Unlicensed	8007050	3.000	Ea
2950	_ Radio, Rem	8007050	22.000	Ea
2960	_ Radio, Rem and Salv, Unlicensed	8007050	3.000	Ea
2970	_ Remote Processing Unit	8007050	5.000	Ea
2980	_ Roadside Unit, Rem	8007050	11.000	Ea
2990	_ Subsurface Temperature Probe	8007050	4.000	Ea
3000	_ Surveillance System, Tower Mtd	8007050	3.000	Ea
3010	_ Wireless Link, 5.8 gigahertz, Access Point	8007050	1.000	Ea
3020	_ Wireless Link, 5.8 gigahertz, Subscriber Unit	8007050	1.000	Ea
3030	_ Integration, Advanced Traf Management System Software	8007051	1.000	LSUM
3040	_ Portable Closed-Circuit Television Camera, Integrate	8007051	1.000	LSUM
3050	_ Ramp Metering System Integration and Testing	8007051	1.000	LSUM
3060	_ Vibration Monitoring, Utility	8007051	1.000	LSUM
3070	Curb, Conc, Det E2	8020002	25.000	Ft
3080	Curb and Gutter, Conc, Det B3	8020017	30.000	Ft
3090	Curb and Gutter, Conc, Det D2	8020031	55.000	Ft
3100	Downspout Header, Conc	8020070	36.000	Ea
3110	Spillway, Conc	8020075	183.000	Ft
3120	Divider, Conc, Type I	8022000	601.000	Sft
3130	Curb and Gutter, Bridge Approach, Det 1	8022010	34.000	Ft
3140	Curb and Gutter, Bridge Approach, Det 3	8022012	259.000	Ft
3150	Curb and Gutter, Bridge Approach, Det 7	8022018	254.000	Ft
3160	_ Valley Gutter, Conc, Modified	8027001	116,714.000	Ft
3170	Detectable Warning Surface	8030010	57.000	Ft

3180	Curb Ramp Opening, Conc	8030030	122.000	Ft
3190	Sidewalk, Conc, 4 inch	8030044	216.000	Sft
3200	Sidewalk, Conc, 6 inch	8030046	1,726.000	Sft
3210	Curb Ramp, Conc, 4 inch	8032001	584.000	Sft
3220	Conc Barrier, Single Face, Type A	8040001	109.000	Ft
3230	Conc Barrier, Single Face, Type B	8040002	177.000	Ft
3240	Conc Barrier, Single Face, Type C	8040003	495.000	Ft
3250	Glare Screen, Conc	8040015	55,249.000	Ft
3260	Glare Screen, Conc, Split	8040016	1,780.000	Ft
3270	Light Std Fdn, Conc Barrier	8040020	4.000	Ea
3280	_ Conc Barrier, Double Face, Type A, Modified, 0-2 Feet	8047001	55,223.000	Ft
3290	_ Conc Barrier, Split, Type A, Spec	8047001	2,907.000	Ft
3300	Curb Slp, HMA	8050010	50.000	Ft
3310	Guardrail, Type B	8070000	108.000	Ft
3320	Guardrail, Type T	8070002	205.000	Ft
3330	Guardrail, Type MGS-8	8070004	50,852.000	Ft
3340	Guardrail, Type T, Temp	8070007	4,250.000	Ft
3350	Guardrail Anch, Bridge, Det T1	8070022	25.000	Ea
3360	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
3370	Guardrail Anch, Bridge, Det T3	8070024	2.000	Ea
3380	Guardrail Approach Terminal, Type 2M	8070044	85.000	Ea
3390	Guardrail Approach Terminal, Type 2M, Temp	8070049	17.000	Ea
3400	Guardrail Departing Terminal, Type MGS	8070052	81.000	Ea
3410	Guardrail Departing Terminal, Type T, Temp	8070056	8.000	Ea
3420	Guardrail Reflector	8070080	1,218.000	Ea
3430	Guardrail, Reconst, Type T	8070109	4,990.000	Ft
3440	Guardrail, Reconst, Type TD	8070110	50.000	Ft
3450	Guardrail Anch, Bridge, Det M1	8070130	3.000	Ea
3460	Guardrail Anch, Bridge, Det M7	8070136	1.000	Ea
3470	Guardrail, Reconst, Type MGS-8	8072078	4,523.000	Ft
3480	Guardrail, Long Span, Det MGS-1	8072121	7.000	Ea
3490	Guardrail, Long Span, Det MGS-2	8072122	4.000	Ea
3500	Guardrail, Long Span, Det MGS-3	8072123	5.000	Ea
3510	_ Guardrail Post, Slab, Adhesive Anchored	8077050	36.000	Ea
3520	_ Hand Digging Guardrail Post	8077050	255.000	Ea
3530	Fence, Woven Wire with Wood Post	8080001	12,660.000	Ft
3540	Fence, Woven Wire with Steel Post	8080002	83,818.000	Ft
3550	Fence Gate, 12 foot, for Woven Wire	8080005	5.000	Ea
3560	Fence, Chain Link, 48 inch	8080011	3,000.000	Ft
3570	Fence, Chain Link, 72 inch	8080013	3,500.000	Ft
3580	Fence, Chain Link, 72 inch, with 3 Strand of Barbed Wire	8080072	7,500.000	Ft
3590	Fence, Chain Link, 72 inch, with 6 Strand of Barbed Wire	8080075	750.000	Ft
3600	Band, Sign	8100010	318.000	Ea

3610	Bridge Sign Connection, Conc, Type A1	8100031	14.000	Ea
3620	Bridge Sign Connection, Type A, Rem	8100080	15.000	Ea
3630	Bridge Sign Connection, Type C, Rem	8100082	1.000	Ea
3640	Bridge Sign Connection, Type E, Rem	8100084	2.000	Ea
3650	Bridge Sign Connection, Type F, Rem	8100085	1.000	Ea
3660	Cantilever, Rem	8100090	13.000	Ea
3670	Cantilever, Type E	8100104	22.000	Ea
3680	Column, Breakaway, W8 x 13	8100120	52.000	Ea
3690	Column, Breakaway, W8 x 18	8100121	4.000	Ea
3700	Delineator Reflector, Red	8100131	12.000	Ea
3710	Delineator Reflector, Yellow	8100132	35.000	Ea
3720	Delineator Reflector, Green	8100133	190.000	Ea
3730	Delineator Reflector, White	8100134	574.000	Ea
3740	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	25.000	Ea
3750	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	11.000	Ea
3760	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	102.000	Ea
3770	Fdn, Breakaway, W8 x 13	8100160	52.000	Ea
3780	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
3790	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	474.000	Ft
3800	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Uncased	8100171	100.000	Ft
3810	Fdn, Cantilever, Rem	8100190	13.000	Ea
3820	Fdn, Column Breakaway, Rem	8100220	12.000	Ea
3830	Fdn, Truss Sign Structure Type E, 48 inch Dia, Cased	8100250	3,519.000	Ft
3840	Fdn, Truss Sign Structure Type E, 48 inch Dia, Uncased	8100251	121.000	Ft
3850	Fdn, Truss Sign Structure Type E, 54 inch Dia, Cased	8100252	171.000	Ft
3860	Fdn, Truss Sign Structure Type E, 54 inch Dia, Uncased	8100253	94.000	Ft
3870	Fdn, Truss, Rem	8100260	28.000	Ea
3880	Fdn, Wood Support, Rem	8100280	174.000	Ea
3890	Installing MDOT Supplied Sign, Type III	8100302	18.000	Ea
3900	Median Barrier Connection, Conc	8100310	2.000	Ea
3910	Median Barrier Connection, Conc, Perforated Steel Square Tube	8100311	60.000	Ea
3920	Overhead Lane Assignment Structure	8100320	1.000	Ea
3930	Perforated Steel Square Tube Breakaway System	8100330	32.000	Ea
3940	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	50.000	Ea
3950	Post Hole Through Conc for Steel Post	8100340	15.000	Ea
3960	Post Hole Through Conc for Wood Post	8100341	2.000	Ea
3970	Post, Flexible, Delineator	8100360	105.000	Ea
3980	Post, Rigid, Delineator	8100361	799.000	Ea
3990	Post, Steel, 3 lb	8100371	7,677.000	Ft
4000	Post, Wood, 4 inch by 6 inch	8100380	2,784.000	Ft

4010	Post, Wood, 6 inch by 8 inch	8100382	2,544.000	Ft
4020	Sign, Type I, Erect, Salv	8100390	1.000	Ea
4030	Sign, Type I, Rem	8100391	87.000	Ea
4040	Sign, Type IA	8100392	12,168.000	Sft
4050	Sign, Type IB	8100393	2,473.000	Sft
4060	Sign, Type II, Rem	8100397	134.000	Ea
4070	Sign, Type IIA	8100398	1,258.000	Sft
4080	Sign, Type IIB	8100399	662.000	Sft
4090	Sign, Type III, Rem	8100403	509.000	Ea
4100	Sign, Type IIIA	8100404	1,971.000	Sft
4110	Sign, Type IIIB	8100405	2,657.000	Sft
4120	Transporting Salv MDOT Materials	8100420	1.000	LSUM
4130	Sign, Type V, Rem	8100421	12.000	Ea
4140	Sign, Type VB	8100425	740.000	Sft
4150	Truss, Rem	8100440	14.000	Ea
4160	Truss, Type E, 75 foot	8100489	15.000	Ea
4170	Truss, Type E, 80 foot	8100490	3.000	Ea
4180	Truss, Type E, 90 foot	8100492	3.000	Ea
4190	Truss, Type E, 95 foot	8100493	2.000	Ea
4200	Truss, Type E, 100 foot	8100494	4.000	Ea
4210	Truss, Type E, 105 foot	8100495	2.000	Ea
4220	Truss, Type E, 115 foot	8100497	1.000	Ea
4230	Truss, Type E, 125 foot	8100499	1.000	Ea
4240	Truss, Type E, 130 foot	8100500	2.000	Ea
4250	Reflective Panel for Permanent Sign Support, 3 foot	8100613	118.000	Ea
4260	Reflective Panel for Permanent Sign Support, 6 foot	8100616	74.000	Ea
4270	Sign, Type I, Rem, Salv	8102001	1.000	Ea
4280	_ Enhanced Delineation, Unidirectional, Conc Barrier, Side Mtd	8107001	1,200.000	Ft
4290	_ Enhanced Delineation, Unidirectional, Guardrail, Post Mtd	8107001	52,624.000	Ft
4300	_ Truss, Type E, 100 foot, Modified	8107050	1.000	Ea
4310	_ Truss, Type E, 75 foot, Modified	8107050	14.000	Ea
4320	_ Truss, Type E, 90 foot, Modified	8107050	3.000	Ea
4330	_ Truss, Type E, 95 foot, Modified	8107050	1.000	Ea
4340	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	48.000	Ft
4350	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	347.000	Ft
4360	Pavt Mrkg, Ovly Cold Plastic, Yield	8110048	5.000	Ea
4370	Pavt Mrkg, Ovly Cold Plastic, Merge Arrow Sym	8110050	4.000	Ea
4380	Pavt Mrkg, Ovly Cold Plastic, Wrong Way Arrow Sym	8110051	5.000	Ea
4390	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	31.000	Ea
4400	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	63.000	Ea
4410	Pavt Mrkg, Ovly Cold Plastic, Rt and Lt Turn Arrow Sym	8110070	2.000	Ea
4420	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	30.000	Ea

4430	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
4440	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	348.000	Ft
4450	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	722.000	Ft
4460	Pavt Mrkg, Regular Dry, 6 inch, White	8110127	438,080.000	Ft
4470	Pavt Mrkg, Regular Dry, 6 inch, Yellow	8110128	293,460.000	Ft
4480	Pavt Mrkg, Regular Dry, 12 inch, White	8110131	78,380.000	Ft
4490	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, White	8110135	438,080.000	Ft
4500	Pavt Mrkg, Regular Dry, 2nd Application, 6 inch, Yellow	8110136	293,460.000	Ft
4510	Pavt Mrkg, Regular Dry, 2nd Application, 12 inch, White	8110139	78,380.000	Ft
4520	Pavt Mrkg, Preformed Thermopl, Accessible Sym	8110204	6.000	Ea
4530	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, Blue	8110293	188.000	Ft
4540	Pavt Mrkg, Waterborne, for Rest Areas, Parks, and Lots, 4 inch, White	8110294	3,542.000	Ft
4550	Rem Spec Mrkg	8110343	6,960.000	Sft
4560	Witness, Log, \$1,250.00	8110351	1,250.000	Dir
4570	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Wet Reflective, Yellow	8110385	1,487.000	Ft
4580	Recessing Pavt Mrkg, Longit	8110450	620.000	Ft
4590	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, White	8110562	853.000	Ft
4600	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Dotted Turning Guide Line, Yellow	8110563	45.000	Ft
4610	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	232,815.000	Ft
4620	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	37,002.000	Ft
4630	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	267,038.000	Ft
4640	_ Pavt Mrkg, Preformed Thermopl, I275 Route Shield, 8 foot by 20 foot	8117050	8.000	Ea
4650	_ Pavt Mrkg, Preformed Thermopl, I696 Route Shield, 8 foot by 20 foot	8117050	10.000	Ea
4660	_ Pavt Mrkg, Preformed Thermopl, I96 Route Shield, 7 foot by 17.5 foot	8117050	4.000	Ea
4670	_ Pavt Mrkg, Preformed Thermopl, M5 Route Shield, 7 foot by 17.5 foot	8117050	2.000	Ea
4680	_ Pavt Mrkg, Preformed Thermopl, M5 Route Shield, 8 foot by 20 foot	8117050	2.000	Ea
4690	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	160.000	Ea
4700	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	160.000	Ea
4710	Pedestrian Type II Barricade, Temp	8120026	20.000	Ea
4720	Conc Barrier Ending, Temp, Det 2, Adj	8120040	3.000	Ea
4730	Conc Barrier Ending, Temp, Det 2, Furn	8120041	15.000	Ea
4740	Conc Barrier Ending, Temp, Det 2, Oper	8120042	15.000	Ea
4750	Conc Barrier Ending, Temp, Det 2, Relocated	8120043	62.000	Ea
4760	Conc Barrier Ending, Temp, Det 4, Furn	8120051	1.000	Ea
4770	Conc Barrier Ending, Temp, Det 4, Oper	8120052	1.000	Ea
4780	Conc Barrier Reflector Replacement	8120070	3,410.000	Ea
4790	Conc Barrier, Temp, Adj	8120080	395,000.000	Ft

4800	Conc Barrier, Temp, Furn	8120081	133,400.000	Ft
4810	Conc Barrier, Temp, Oper	8120082	133,400.000	Ft
4820	Conc Barrier, Temp, Relocated	8120083	97,600.000	Ft
4830	Conc Barrier, Temp, Limited Deflection, Reflector Replacement	8120086	30.000	Ea
4840	Delineator, Flexible, Temp, Furn	8120091	340.000	Ea
4850	Delineator, Flexible, Temp, Oper	8120092	340.000	Ea
4860	Glare Screen, Temp	8120094	36,700.000	Ft
4870	Glare Screen, Temp, Relocated	8120095	94,600.000	Ft
4880	Glare Screen, Temp, Complete Sect, Replaced	8120096	1,840.000	Ea
4890	High Intensity Light, Type B, Furn	8120110	15.000	Ea
4900	High Intensity Light, Type B, Oper	8120111	15.000	Ea
4910	Lighted Arrow, Type C, Furn	8120140	12.000	Ea
4920	Lighted Arrow, Type C, Oper	8120141	12.000	Ea
4930	Minor Traf Devices	8120170	1.000	LSUM
4940	Mobile Attenuator	8120180	6.000	Ea
4950	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	6,420.000	Ft
4960	Pavt Mrkg, Type NR, Paint, 6 inch, Crosswalk	8120215	180.000	Ft
4970	Pavt Mrkg, Type NR, Paint, 24 inch, Stop Bar	8120216	420.000	Ft
4980	Pavt Mrkg, Type NR, Paint, Lt Turn Arrow	8120217	31.000	Ea
4990	Pavt Mrkg, Type NR, Paint, Rt Turn Arrow	8120218	28.000	Ea
5000	Pavt Mrkg, Type NR, Paint, Thru Arrow	8120219	2.000	Ea
5010	Plastic Drum, Fluorescent, Furn	8120252	2,440.000	Ea
5020	Plastic Drum, Fluorescent, Oper	8120253	2,440.000	Ea
5030	Pavt Mrkg, Wet Reflective, Type R, Tape, Rt Turn Arrow	8120258	4.000	Ea
5040	Raised Pavt Marker, Temp, Type 3, White, Monodirectional	8120300	1,180.000	Ea
5050	Raised Pavt Marker, Temp, Type 3, Yellow, Bidirectional	8120301	860.000	Ea
5060	Sign Cover	8120310	300.000	Ea
5070	Sign Cover, Type I	8120320	42.000	Ea
5080	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	16.000	Ea
5090	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	16.000	Ea
5100	Sign, Type A, Temp, Prismatic, Furn	8120340	1,990.000	Sft
5110	Sign, Type A, Temp, Prismatic, Oper	8120341	1,990.000	Sft
5120	Sign, Type B, Temp, Prismatic, Furn	8120350	10,510.000	Sft
5130	Sign, Type B, Temp, Prismatic, Oper	8120351	10,510.000	Sft
5140	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	5,460.000	Sft
5150	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	5,460.000	Sft
5160	Traf Regulator Control	8120370	1.000	LSUM
5170	Conc Barrier, Temp, Limited Deflection, Det 4B, Furn	8121320	2,000.000	Ft
5180	Conc Barrier, Temp, Limited Deflection, Det 4B, Oper	8121321	2,000.000	Ft
5190	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	198,580.000	Ft

5200	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	243,310.000	Ft
5210	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	878,140.000	Ft
5220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	646,170.000	Ft
5230	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	10,540.000	Ft
5240	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	146,030.000	Ft
5250	Speed Radar Trailer, Temp	8122028	2.000	Ea
5260	Pavt Mrkg, Type NR, Paint, Only	8122036	56.000	Ea
5270	Pavt Mrkg, Type NR, Paint, Merge Arrow Sym	8122064	4.000	Ea
5280	Pavt Mrkg, Type NR, Paint, Wrong Way Arrow Sym	8122065	9.000	Ea
5290	Pavt Mrkg, Type NR, Paint, Rt and Lt Turn Arrow Sym	8122070	2.000	Ea
5300	Pavt Mrkg, Type NR, Paint, 12 inch, Cross Hatching, Yellow	8122106	2,150.000	Ft
5310	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, Cross Hatching, White	8122180	1,330.000	Ft
5320	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	8,100.000	Ft
5330	Conc Barrier-Mtd Temp Sign System, Furn	8122192	14.000	Ea
5340	Conc Barrier-Mtd Temp Sign System, Oper	8122193	14.000	Ea
5350	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	10.000	Ea
5360	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	10.000	Ea
5370	_ Barrier Gate, Temp, Furn	8127050	3.000	Ea
5380	_ Barrier Gate, Temp, Open/Close	8127050	60.000	Ea
5390	_ Barrier Gate, Temp, Oper	8127050	3.000	Ea
5400	_ Barrier Gate, Temp, Relocated	8127050	9.000	Ea
5410	_ Heavy Duty Wrecker	8127050	15.000	Ea
5420	_ Light Duty Wrecker	8127050	60.000	Ea
5430	_ Medium Duty Wrecker	8127050	15.000	Ea
5440	_ Temp Guardrail Delineator	8127050	620.000	Ea
5450	_ Traf Speed Sensor, Portable, Temp	8127050	5.000	Ea
5460	_ Control System, Dynamic Work Zone Traf Monitoring System	8127051	1.000	LSUM
5470	_ Lighting for Night Work, Balloon Type	8127051	1.000	LSUM
5480	Riprap, Plain	8130010	13,598.000	Syd
5490	_ Aggregate, 4AA	8137021	6,278.000	Cyd
5500	Site Preparation, Max \$49,380.00	8150001	1.000	LSUM
5510	Watering and Cultivating, First Season, Min \$27,980.00	8150002	1.000	LSUM
5520	Watering and Cultivating, 2nd Season, Min \$34,570.00	8150003	1.000	LSUM
5530	Acer rubrum, 2 inch clump, 3 stem	8150150	18.000	Ea
5540	Acer saccharum 'Green Mountain', 2 inch	8150186	13.000	Ea
5550	Betula nigra 'Heritage', clump form, 7 foot	8150530	32.000	Ea
5560	Catalpa speciosa, 2 inch	8150767	19.000	Ea

5570	Gymnocladus dioicus, 2 inch	8151676	21.000	Ea
5580	Malus 'Bob White', 2 inch	8152294	15.000	Ea
5590	Malus 'Donald Wyman', 2 inch	8152303	11.000	Ea
5600	Malus 'Prairie Fire', 2 inch	8152315	20.000	Ea
5610	Malus 'Professor Sprenger', 2 inch	8152318	12.000	Ea
5620	Malus 'Sugar Tyme', 2 inch	8152336	21.000	Ea
5630	Metasequoia gylptostroboides, 2 inch	8152357	13.000	Ea
5640	Picea abies, 6 foot	8152742	40.000	Ea
5650	Picea omorika, 6 foot	8152788	21.000	Ea
5660	Picea pungens, 6 foot	8152802	32.000	Ea
5670	Pinus heldreichii, 6 foot	8152816	45.000	Ea
5680	Pinus nigra, 6 foot	8152843	20.000	Ea
5690	Quercus bicolor, 2 inch	8153044	15.000	Ea
5700	Quercus imbricaria, 2 inch	8153072	36.000	Ea
5710	Taxodium distichum, 2 inch	8153746	20.000	Ea
5720	_ Carex Vulpinoidea	8157050	5,833.000	Ea
5730	_ Malus 'Purple Prince'	8157050	14.000	Ea
5740	_ Pinus flexilis, 8 foot	8157050	15.000	Ea
5750	Mulch Blanket, High Velocity	8160028	20,864.000	Syd
5760	Seeding, Mixture CR	8160035	400.000	Lb
5770	Seeding, Mixture TSM	8160041	600.000	Lb
5780	Slope Restoration, Freeway, Type A	8162013	464,295.000	Syd
5790	Slope Restoration, Freeway, Type B	8162014	189,255.000	Syd
5800	Slope Restoration, Freeway, Type C	8162015	133,449.000	Syd
5810	Slope Restoration, Freeway, Type D	8162016	13,882.000	Syd
5820	Slope Restoration, Freeway, Type E	8162017	74,254.000	Syd
5830	Slope Restoration, Freeway, Type F	8162018	86,047.000	Syd
5840	_ Temp Seed Mixture	8167011	20,864.000	Syd
5850	_ Wet Meadow Flood Shelf Seed Mixture	8167011	20,864.000	Syd
5860	Conduit, Rem	8182000	30,731.000	Ft
5870	Conduit, Directional Bore, 1, 3 inch	8182035	2,705.000	Ft
5880	Conduit, Directional Bore, 2, 3 inch	8182037	56,145.000	Ft
5890	Conduit, Directional Bore, 3, 3 inch	8182039	7,710.000	Ft
5900	Conduit, Directional Bore, 4, 3 inch	8182040	2,855.000	Ft
5910	Conduit, DB, 1, 1 1/2 inch	8182048	1,055.000	Ft
5920	Conduit, DB, 1, 3 inch	8182050	18,542.000	Ft
5930	Conduit, DB, 2, 3 inch	8182053	16,482.000	Ft
5940	Conduit, DB, 3, 3 inch	8182056	6,070.000	Ft
5950	Conduit, DB, 4, 3 inch	8182059	2,585.000	Ft
5960	Conduit, Schedule 40, 3 inch	8182135	3,775.000	Ft
5970	Conduit, Schedule 80, 3 inch	8182148	250.000	Ft
5980	DB Cable, in Conduit, 600V, 1/C#1/0	8182181	9,684.000	Ft
5990	DB Cable, in Conduit, 600V, 1/C#2	8182182	245,019.000	Ft
6000	DB Cable, in Conduit, 600V, 1/C#4	8182185	12,426.000	Ft

6010	DB Cable, in Conduit, 600V, 1/C#6	8182187	87,817.000	Ft
6020	DB Cable, in Conduit, Rem	8182197	127,599.000	Ft
6030	Cable Pole, Sec, Disman	8182206	1.000	Ea
6040	Cable, Equipment Grounding Wire, 1/C#2	8182288	62,900.000	Ft
6050	Cable, Equipment Grounding Wire, 1/C#4	8182290	651.000	Ft
6060	Cable, Equipment Grounding Wire, 1/C#6	8182291	48,583.000	Ft
6070	Hh, Heavy Duty Cover	8182308	30.000	Ea
6080	Hh, Polymer Conc	8182309	5.000	Ea
6090	Hh, Round	8182310	5.000	Ea
6100	Hh, Round, 3 foot dia	8182319	119.000	Ea
6110	Hh, Adj	8182328	4.000	Ea
6120	Hh, Rem	8182330	126.000	Ea
6130	Unmetered Serv, Rem	8182341	6.000	Ea
6140	Serv Disconnect, Rem	8182367	1.000	Ea
6150	_ Conduit, DB, 4, 2 inch	8187001	495.000	Ft
6160	_ Conduit, DB, 5, 2 inch	8187001	1,060.000	Ft
6170	_ Conduit, DB, 5, 3 inch	8187001	345.000	Ft
6180	_ Conduit, DB, 6, 2 inch	8187001	545.000	Ft
6190	_ Conduit, DB, 6, 3 inch	8187001	80.000	Ft
6200	_ Conduit, DB, 7, 2 inch	8187001	30.000	Ft
6210	_ Conduit, Directional Bore, 5, 3 inch	8187001	540.000	Ft
6220	_ Conduit, Directional Bore, 6, 3 inch	8187001	1,060.000	Ft
6230	_ Conduit, Directional Bore, 7, 3 inch	8187001	70.000	Ft
6240	_ Hh, Round, Elec	8187050	180.000	Ea
6250	_ Hh, Type D	8187050	138.000	Ea
6260	_ Temp Power System (High Mast Light Tower)	8187051	1.000	LSUM
6270	Light Std Arm, Install	8190275	8.000	Ea
6280	Light Std Arm, Rem and Salv	8190278	8.000	Ea
6290	Light Std Fdn	8190279	27.000	Ea
6300	Light Std Shaft, 30 foot or less	8190285	11.000	Ea
6310	Light Std Shaft, Install	8190300	4.000	Ea
6320	Light Std Shaft, Rem and Salv	8190306	4.000	Ea
6330	Luminaire, Install Salv	8190350	8.000	Ea
6340	Luminaire, Rem and Salv	8190365	8.000	Ea
6350	_ Solar Lighting System	8197050	16.000	Ea
6360	Controller and Cabinet, Rem	8200030	1.000	Ea
6370	Fdn, Rem	8200065	44.000	Ea
6380	Flsh Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
6390	Pedestal, Alum	8200100	16.000	Ea
6400	Pedestal, Fdn	8200105	16.000	Ea
6410	Power Co. (Est. Cost to Contractor)	8200116	180,000.000	Dlr
6420	Span Wire, Rem	8200141	1.000	Ea
6430	Steel Pole, Rem	8200145	38.000	Ea
6440	Steel Pole, Rem (Embedded)	8200146	2.000	Ea

6450	Cabinet, Rem	8200184	48.000	Ea
6460	TS, One Way Pedestal Mtd (LED)	8200340	32.000	Ea
6470	Sign Optical, Rem	8200372	3.000	Ea
6480	Sign Optical, (LED)	8200373	23.000	Ea
6490	Bracket, Truss, With 12 Foot Arm	8200376	19.000	Ea
6500	TS Face, Bag	8200458	57.000	Ea
6510	TS Face, Bag, Rem	8200459	57.000	Ea
6520	Wireless Intercn, Sign Mtd Flasher, Master	8200490	1.000	Ea
6530	Wireless Intercn, Sign Mtd Flasher, Repeater	8200491	1.000	Ea
6540	Wireless Intercn, Sign Mtd Flasher, Remote	8200492	1.000	Ea
6550	Backplate, TS	8200501	32.000	Ea
6560	_ Controller, ATC 2070	8207050	8.000	Ea
6570	_ Enforcement Light	8207050	16.000	Ea
6580	_ Traf Loop, Preformed	8207050	65.000	Ea
6590	_ Permanent Traffic Recorder Site, Loops and Piezo Sensors	8207051	1.000	LSUM
6600	Freeway Shld Corrugations, Milled, HMA	8222001	9,025.000	Ft
6610	Contractor Staking	8240001	1.000	LSUM
6620	Staking Plan Errors and Extras, Max \$180/hour	8240002	2,373.000	Hr
6630	Grounding, Bonding, and Surge Protection	8260019	1.000	LSUM
6640	Lightning Protection, Pole	8260021	20.000	Ea
6650	Lightning Protection, Structure, Large Dynamic Message Sign	8260022	3.000	Ea
6660	Lightning Protection, Structure, Small Dynamic Message Sign	8260023	1.000	Ea
6670	Dynamic Message Sign, Support Structure	8260025	3.000	Ea
6680	Lightning Protection, Structure, Type E Truss	8260027	39.000	Ea
6690	Lightning Protection, Structure, Type E Cantilever	8260028	6.000	Ea
6700	Microwave Vehicle Detection System	8260040	32.000	Ea
6710	Microwave Vehicle Detection System, Rem	8260043	25.000	Ea
6720	Fiber Optic, Cable, Single Mode Fiber, 24 Strand	8260048	198,590.000	Ft
6730	Fiber Optic, Cable, Single Mode Fiber, 60 Strand	8260051	73,140.000	Ft
6740	Fiber Optic, Splice Cabinet	8260064	5.000	Ea
6750	Fiber Optic, Hardware Assembly, Small	8260065	90.000	Ea
6760	Fiber Optic, Hardware Assembly, Medium	8260066	10.000	Ea
6770	Fiber Optic, Marker, Above Ground	8260069	147.000	Ea
6780	Tracer Wire	8260070	82,385.000	Ft
6790	Fiber Optic, Pigtail	8260071	604.000	Ea
6800	Fiber Optic, Jumper	8260072	358.000	Ea
6810	Managed Field Ethernet Switch, Layer 3	8260082	76.000	Ea
6820	Managed Field Ethernet Switch, Rem	8260087	34.000	Ea
6830	Power Serv, Underground, 30AMP, 120/240V	8260100	1.000	Ea
6840	Power Serv, Underground, 60AMP, 120/240V	8260101	1.000	Ea
6850	Safety Switch, Fusible	8260109	55.000	Ea
6860	Elec Rack	8260110	54.000	Ea
6870	Power Serv, Refurbish, 30AMP, 120/240V	8260111	2.000	Ea

6880	Power Serv, Refurbish, 60AMP, 120/240V	8260112	12.000	Ea
6890	Uninterruptible Power Supply, ITS Cabinet	8260140	66.000	Ea
6900	Uninterruptible Power Supply, ESS	8260142	2.000	Ea
6910	Uninterruptible Power Supply, Rem	8260146	33.000	Ea
6920	Flowable Fill, Spun Pole Fdn	8260149	12.000	Cyd
6930	Portable Camera Lowering Device Tool	8260151	1.000	Ea
6940	Spun Conc Pole, Type A	8260152	7.000	Ea
6950	Drilled Shaft and Conc Skirt, Cased	8260155	7.000	Ea
6960	Surveillance System, Remote Site, Type A	8260157	33.000	Ea
6970	System Integration and Testing	8260160	1.000	LSUM
6980	_ Power Serv, Refurbish, 120AMP, 120/240V	8267050	1.000	Ea
6990	_ Power Serv, Refurbish, 150AMP, 120/240V	8267050	1.000	Ea
7000	_ Power Serv, Refurbish, 180AMP, 120/240V	8267050	1.000	Ea
7010	_ Power Serv, Refurbish, 90AMP, 120/240V	8267050	7.000	Ea
7020	_ Power Serv, Underground, 120AMP, 120/240V	8267050	1.000	Ea
7030	_ Power Serv, Underground, 150AMP, 120/240V	8267050	1.000	Ea
7040	_ Power Serv, Underground, 180AMP, 120/240V	8267050	2.000	Ea

Section: 2

7050	Embankment, CIP	2050010	53,587.000	Cyd
7060	Excavation, Earth	2050016	948,495.000	Cyd
7070	Subbase, CIP	3010002	275,245.000	Cyd
7080	Open-Graded Dr Cse, 16 inch	3030016	1,223,175.000	Syd
7090	Shld, CI II, 7 inch	3070129	919.000	Syd
7100	_ Shld, CI II, 6 3/4 inch	3077011	7,191.000	Syd
7110	_ Shld, CI II, 9 1/2 inch	3077011	40,031.000	Syd
7120	Geotextile, Separator	3080005	1,369,948.000	Syd
7130	HMA Quality Initiative	5010007	2,046,960.000	Dlr
7140	_ HMA Approach, 6 3/4 inch	5017011	44,980.000	Syd
7150	_ HMA Approach, 7 inch	5017011	9,878.000	Syd
7160	_ HMA Approach, 9 1/2 inch	5017011	113,084.000	Syd
7170	_ HMA, 3EMH, 6 inch	5017011	617,000.000	Syd
7180	_ HMA, 3EML, 6 inch	5017011	169,324.000	Syd
7190	_ HMA, 4EMH, 2 inch	5017011	617,000.000	Syd
7200	_ HMA, 4EML, 2 inch	5017011	169,324.000	Syd
7210	_ HMA, 5EMH, 1 1/2 inch	5017011	617,000.000	Syd
7220	_ HMA, 5EML, 1 1/2 inch	5017011	169,324.000	Syd
7230	Curb and Gutter, Conc, Det B2	8020016	1,576.000	Ft
7240	Curb and Gutter, Conc, Det D2	8020031	6,150.000	Ft
7250	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	225.000	Ft
7260	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,093.000	Ft
7270	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	60.000	Ft
7280	Recessing Pavt Mrkg, Longit	8110450	533,188.000	Ft

7290	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,131,780.000	Ft
7300	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	125,410.000	Ft
7310	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	4,960.000	Ft
7320	Freeway Shld Corrugations, Milled, HMA	8222001	138,505.000	Ft

Section: 3

7330	Conc Quality Initiative	10000030	2,337,729.000	Dir
7340	Embankment, CIP	2050010	61,907.000	Cyd
7350	Excavation, Earth	2050016	769,762.000	Cyd
7360	Open-Graded Dr Cse, 16 inch	3030016	1,223,175.000	Syd
7370	Shld, CI II, 8 inch	3070130	8,110.000	Syd
7380	_ Shld, CI II, 12 inch	3077011	40,031.000	Syd
7390	Geotextile, Separator	3080005	1,369,948.000	Syd
7400	Joint, Contraction, Cp	6020200	344,324.000	Ft
7410	Joint, Contraction, C3p	6020201	234,918.000	Ft
7420	Joint, Expansion, E2	6020207	2,340.000	Ft
7430	Joint, Expansion, E4	6020209	1,181.000	Ft
7440	Pavt Gapping	6020215	71,820.000	Ft
7450	Joint, Plane-of-Weakness, W, Intersection	6020310	2,335.000	Ft
7460	Conc Pavt, Nonreinf, 12 inch, High Performance	6020508	617,000.000	Syd
7470	Conc Pavt, Misc, Nonreinf, 8 inch, High Performance	6020512	36,176.000	Syd
7480	Conc Pavt, Misc, Nonreinf, 12 inch, High Performance	6020520	110,047.000	Syd
7490	Shld, Nonreinf Conc, High Performance	6020524	191,573.000	Syd
7500	Curb and Gutter, Conc, Det B1	8020015	1,576.000	Ft
7510	Curb and Gutter, Conc, Det D1	8020030	6,150.000	Ft
7520	Rem Curing Compound, for Longit Mrkg, 4 inch	8110307	225.000	Ft
7530	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	763,780.000	Ft
7540	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	69,985.000	Ft
7550	Rem Curing Compound, for Spec Mrkg	8110321	8,624.000	Sft
7560	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	31,017.000	Ft
7570	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Shadow Tape, Black	8110390	606.000	Ft
7580	Recessing Pavt Mrkg, Longit	8110450	533,053.000	Ft
7590	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	770,350.000	Ft
7600	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	98,770.000	Ft
7610	Pavt Mrkg, Longit, Water Blasting, 6 inch or less Width, Rem	8120212	366,390.000	Ft
7620	Pavt Mrkg, Longit, Water Blasting, Greater than 6 inch Width, Rem	8120213	26,640.000	Ft
7630	Freeway Shld Corrugations, Milled, Conc	8222000	138,505.000	Ft

Section: 4

7640	_ Railroad Inspection and Flagging, Lake State	1027060	30,000.000	Dir
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Railway Company				
7650	_ Railroad Protection, Lake State Railway Company	1027060	30,000.000	Dir
7660	Structures, Rem (C01 OF 63022)	2040060	1.000	LSUM
7670	Structures, Rem (C02 OF 63022)	2040060	1.000	LSUM
7680	Backfill, Structure, CIP	2060002	12,218.000	Cyd
7690	Excavation, Fdn	2060010	37,309.000	Cyd
7700	Outfall Label	4011115	12.000	Ea
7710	Underdrain, Fdn, 4 inch	4040031	174.000	Ft
7720	Underdrain, Fdn, 6 inch	4040033	3,901.000	Ft
7730	Culv Bedding, Box Culv	4060005	1,996.000	Cyd
7740	Culv, Precast Conc Box, 5 foot by 5 foot	4060104	202.000	Ft
7750	Culv, Precast Conc Box, 8 foot by 3 foot	4060114	176.000	Ft
7760	Culv, Precast Conc Box, 12 foot by 4 foot	4060145	184.000	Ft
7770	Culv, Precast Conc Box, 12 foot by 5 foot	4060146	330.000	Ft
7780	Culv, Precast Conc Box, 12 foot by 12 foot	4060153	236.000	Ft
7790	_ Culv, Precast Conc Box, 15 foot by 4 foot	4067001	242.000	Ft
7800	_ Culv, Precast Conc Box, 17 foot by 9 foot	4067001	164.000	Ft
7810	_ Culv, Precast Conc Box, 20 foot by 10 foot	4067001	194.000	Ft
7820	_ Culv, Precast Conc Box, 24 foot by 18 foot, Spec	4067001	182.000	Ft
7830	_ Steel Sheet Piling, Temp, Left in Place, Spec	7047010	5,918.000	Sft
7840	_ Cofferdam, Left in Place, Spec (C01 OF 63022)	7047051	1.000	LSUM
7850	_ Cofferdam, Left in Place, Spec (C02 OF 63022)	7047051	1.000	LSUM
7860	_ Cofferdam, Left in Place, Spec (C05 OF 63101)	7047051	1.000	LSUM
7870	_ Cofferdam, Left in Place, Spec (C06 OF 63022)	7047051	1.000	LSUM
7880	_ Cofferdam, Left in Place, Spec (C06 OF 63101)	7047051	1.000	LSUM
7890	_ Cofferdam, Left in Place, Spec (C07 OF 63022)	7047051	1.000	LSUM
7900	_ Cofferdam, Left in Place, Spec (C08 OF 63022)	7047051	1.000	LSUM
7910	_ Cofferdam, Left in Place, Spec (C09 OF 63022)	7047051	1.000	LSUM
7920	_ Cofferdam, Left in Place, Spec (C10 OF 63022)	7047051	1.000	LSUM
7930	_ Cofferdam, Left in Place, Spec (C11 OF 63022)	7047051	1.000	LSUM
7940	_ Cofferdam, Left in Place, Spec (Culvert 116)	7047051	1.000	LSUM
7950	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
7960	Bridge Ltg, Oper and Maintain	7060002	93.000	Cyd
7970	Expansion Joint Device	7060050	252.000	Ft
7980	False Decking	7060060	3,260.000	Sft
7990	Reinforcement, Steel, Epoxy Coated	7060092	20,400.000	Lb
8000	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
8010	Superstructure Conc, Night Casting, High Performance	7060117	93.000	Cyd
8020	Water Repellent Treatment, Penetrating	7060140	2,310.000	Syd
8030	Conc, Grade 4500	7062003	20.000	Cyd
8040	Conc, Grade 4500HP	7062004	93.000	Cyd
8050	_ Wood False Decking, Left in Place	7067010	7,059.000	Sft
8060	Conc Surface Coating, Warranty (S01 OF 63022)	7100009	1.000	LSUM
8070	Conc Surface Coating, Warranty (S02-3 OF 63022)	7100009	1.000	LSUM

8080	Conc Surface Coating, Warranty (S02-4 OF 63022)	7100009	1.000	LSUM
8090	Conc Surface Coating, Warranty (S03 OF 63022)	7100009	1.000	LSUM
8100	Conc Surface Coating	7100011	23.000	Syd
8110	Penetrating Healer/Sealer, Bridge Deck	7100025	6,688.000	Syd
8120	Substructure Horizontal Surface Sealer	7100030	149.000	Syd
8130	_ Silane Treatment	7107010	8,361.000	Sft
8140	Hand Chipping, Shallow	7120003	84.000	Syd
8150	Hand Chipping, Deep	7120004	39.000	Syd
8160	Hand Chipping, Other Than Deck	7120007	341.000	Cft
8170	Patch, Forming	7120017	801.000	Sft
8180	Epoxy Ovly, Warranty	7120022	11,552.000	Syd
8190	Structures, Rehabilitation, Rem Portions (S01 OF 63022)	7120070	1.000	LSUM
8200	Structures, Rehabilitation, Rem Portions (S05 OF 63022)	7120070	1.000	LSUM
8210	Structures, Rehabilitation, Rem Portions (S06 OF 63022)	7120070	1.000	LSUM
8220	Deck Joint, Rem	7120071	163.000	Ft
8230	Flushing Cracks, Water	7120098	950.000	Ft
8240	Structural Crack, Repr	7120099	950.000	Ft
8250	Patching Conc, C-L	7120112	33.000	Cyd
8260	Embedded Galvanic Anode	7120120	235.000	Ea
8270	Bridge Joint, Strip Seal Gland Replacement	7122005	1,656.000	Ft
8280	_ Bridge Joints, Clean and Seal	7127001	2,372.000	Ft
8290	Heat Straightening Steel (S02-3 OF 63022)	7130040	1.000	LSUM
8300	Heat Straightening Steel (S02-4 OF 63022)	7130040	1.000	LSUM
8310	Stiffeners, Furn, Fab, and Erect	7130060	24.000	Lb
8320	Structural Steel, Retrofit, Furn, Fab, and Erect	7130071	120.000	Lb
8330	Support, Diaphragm, Temp	7130081	1.000	Ea
8340	Steel Structure, Cleaning, Partial, Type 4 (S01 OF 63022)	7150047	1.000	LSUM
8350	Steel Structure, Cleaning, Partial, Type 4 (S02-3 OF 63022)	7150047	1.000	LSUM
8360	Steel Structure, Cleaning, Partial, Type 4 (S02-4 OF 63022)	7150047	1.000	LSUM
8370	Steel Structure, Coating, Partial, Type 4 (S01 OF 63022)	7150048	1.000	LSUM
8380	Steel Structure, Coating, Partial, Type 4 (S02-3 OF 63022)	7150048	1.000	LSUM
8390	Steel Structure, Coating, Partial, Type 4 (S02-4 OF 63022)	7150048	1.000	LSUM
8400	_ Geotextile Retaining Wall	8007011	74.000	Syd
8410	_ Slope Protection, Replace	8137011	45.000	Syd
8420	_ Riprap, Under Structures, Class I	8137031	82.000	Ton

Section: 5

8430	_ Calendar Days of Contract Time for Opening to Traffic, EB I-96 (Stages 1, 2, and 3A)	1027060	98,500.000	Dlr
8440	_ Calendar Days of Contract Time for Opening to	1027060	98,500.000	Dlr

	Traffic, EB I-96 (Stages 3B and 4)			
8450	_ Calendar Days of Contract Time for Opening to Traffic, WB I-96 (Stages 5A, 5B, and 6)	1027060	98,500.000	Dir



Schedule of Pay Items

Report v1

Letting Call: 211215 602

Letting Date: ,December 15
2021

Contract ID: 03032-113122

Description: 2.80 mi of hot mix asphalt and concrete pavement reconstruction, precast concrete box culverts, drainage, guardrail, signals and pavement markings and bridge rehabilitation includes deep overlay, full depth concrete deck patching, expansion joint replacement, concrete surface coating and approach work on US-31 from I-196 to Central Avenue in the city of Holland, Ottawa County. This project contains a 2 year warranty on concrete surface coating. This project is an Alternative Pavement Bid project. Alternative 1 (Section 2) is an HMA alternative and included a 5 year materials and workmanship pavement warranty. Alternative 2 (Section 3) is a Concrete Alternative and includes a 5 year materials and workmanship pavement warranty.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
113122A	22A0092	N/A	RBMP, HIPS 03032
212753A	22A0097	N/A	NH 3032

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$2,075,500.00	1100001	1.000	LSUM
0020	Clearing	2010001	2.780	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	2.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	7.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	8.000	Ea
0060	Culv, Rem, 24 inch to 48 inch	2030002	10.000	Ea
0070	Culv, End, Rem, Less than 24 inch	2030005	4.000	Ea
0080	Culv, End, Rem, 24 inch to 48 inch	2030006	4.000	Ea
0090	Dr Structure, Rem	2030011	10.000	Ea
0100	Sewer, Rem, Less than 24 inch	2030015	394.000	Ft
0110	Sewer, Rem, 24 inch to 48 inch	2030016	150.000	Ft
0120	Curb and Gutter, Rem	2040020	573.000	Ft
0130	Guardrail, Rem	2040035	4,293.000	Ft
0140	Masonry and Conc Structure, Rem	2040045	3.000	Cyd
0150	Pavt, Rem	2040050	115,414.000	Syd
0160	Sidewalk, Rem	2040055	68.000	Syd
0170	Exploratory Investigation, Vertical	2040080	50.000	Ft
0180	Excavation, Earth	2050016	5,532.000	Cyd
0190	Granular Blanket, Type 1	2050020	500.000	Cyd
0200	Non Haz Contaminated Material Handling and Disposal, LM	2050031	250.000	Cyd
0210	Subgrade Undercutting, Type I	2050040	750.000	Cyd

0220	Subgrade Undercutting, Type II	2050041	7,500.000	Cyd
0230	Flowable Fill, Non-Structural	2050148	40.000	Cyd
0240	_ Embankment, CIP, Spec	2057021	3,506.000	Cyd
0250	Backfill, Structure, CIP	2060002	3,230.000	Cyd
0260	Backfill, Select	2060004	500.000	Cyd
0270	Excavation, Fdn	2060010	8,817.000	Cyd
0280	Erosion Control, Aggregate Cover	2080010	100.000	Syd
0290	Erosion Control, Check Dam, Stone	2080012	2,392.000	Ft
0300	Erosion Control, Gravel Access Approach	2080016	10.000	Ea
0310	Erosion Control, Gravel Filter Berm	2080018	50.000	Ft
0320	Erosion Control, Inlet Protection, Fabric Drop	2080020	7.000	Ea
0330	Erosion Control, Inlet Protection, Geotextile and Stone	2080022	5.000	Ea
0340	Erosion Control, Inlet Protection, Sediment Trap	2080024	1.000	Ea
0350	Erosion Control, Maintenance, Sediment Rem	2080026	312.000	Cyd
0360	Erosion Control, Sand Bag	2080028	150.000	Ea
0370	Erosion Control, Sediment Basin	2080032	170.000	Cyd
0380	Erosion Control, Sediment Trap	2080034	144.000	Ea
0390	Erosion Control, Silt Fence	2080036	11,332.000	Ft
0400	Erosion Control, Temp Plastic Sheet/Geotextile Cover	2080040	50.000	Syd
0410	_ Permeable Runoff Structure	2087001	250.000	Ft
0420	Project Cleanup	2090001	1.000	LSUM
0430	Subbase, CIP	3010002	2,276.000	Cyd
0440	Aggregate Base, 6 inch	3020016	4,495.000	Syd
0450	Driveway Maintenance, Commercial	3062000	5.000	Ea
0460	_ Shld, CI II, 10.5 inch, Modified	3077011	119.000	Syd
0470	_ Shld, CI II, 4.5 inch, Modified	3077011	782.000	Syd
0480	_ Shld, CI II, 6 inch, Modified	3077011	77.000	Syd
0490	_ Shld, CI II, 9.5 inch, Modified	3077011	381.000	Syd
0500	Geotextile, Stabilization	3080010	2,500.000	Syd
0510	Road Grade Biaxial Geogrid	3082002	2,500.000	Syd
0520	Culv End Sect, 12 inch	4010012	5.000	Ea
0530	Culv End Sect, 24 inch	4010024	3.000	Ea
0540	Culv, CI A, 24 inch	4010134	656.000	Ft
0550	Culv, CI B, 24 inch	4010236	152.000	Ft
0560	Culv, CI C, 24 inch	4010338	144.000	Ft
0570	Culv, CI E, 24 inch	4010542	64.000	Ft
0580	Culv, CI E, 30 inch	4010543	72.000	Ft
0590	Culv, Downspout, 12 inch	4010795	568.000	Ft
0600	Culv, Slp End Sect, 1 on 4, 24 inch, Transv	4010924	15.000	Ea
0610	Culv, Slp End Sect, 1 on 4, 30 inch, Transv	4010928	1.000	Ea
0620	Culv, Slp End Sect, 1 on 6, 24 inch, Transv	4010956	10.000	Ea
0630	Culv, Slp End Sect, 1 on 6, 30 inch, Transv	4010960	1.000	Ea
0640	Dr Marker Post	4011109	264.000	Ea
0650	Steel Casing Pipe, 42 inch, Jacked in Place	4011173	184.000	Ft
0660	Sewer, CI A, 12 inch, Tr Det A	4020004	164.000	Ft

0670	Sewer, CI A, 12 inch, Tr Det B	4020033	24.000	Ft
0680	Sewer, CI A, 18 inch, Tr Det B	4020035	1.000	Ft
0690	Sewer, CI A, 24 inch, Tr Det B	4020036	320.000	Ft
0700	Sewer Bulkhead, 18 inch	4021232	2.000	Ea
0710	Sewer Bulkhead, 24 inch	4021234	2.000	Ea
0720	Trench Undercut and Backfill	4021260	50.000	Cyd
0730	Video Taping Sewer and Culv Pipe	4021275	2,165.000	Ft
0740	Dr Structure Cover, Adj, Case 2	4030006	3.000	Ea
0750	Dr Structure Cover, Type B	4030010	2.000	Ea
0760	Dr Structure Cover, Type G	4030040	4.000	Ea
0770	Dr Structure Cover, Type K	4030050	7.000	Ea
0780	Dr Structure, 24 inch dia	4030200	5.000	Ea
0790	Dr Structure, 48 inch dia	4030210	5.000	Ea
0800	Dr Structure, Tap, 12 inch	4030312	1.000	Ea
0810	Dr Structure, Tap, 18 inch	4030318	1.000	Ea
0820	Underdrain, Bank, 6 inch	4040003	500.000	Ft
0830	Underdrain, Fdn, 6 inch	4040033	1,196.000	Ft
0840	Underdrain, Subbase, 6 inch	4040063	3,500.000	Ft
0850	Underdrain Outlet, 6 inch	4040093	6,306.000	Ft
0860	Underdrain, Outlet Ending, 6 inch	4040113	232.000	Ea
0870	Video Inspection of Underdrain	4040200	71,500.000	Ft
0880	_ Underdrain, 6 inch, Modified	4047001	40.000	Ft
0890	_ Underdrain, Rem	4047001	1,447.000	Ft
0900	Culv Bedding, Box Culv	4060005	244.000	Cyd
0910	Culv, Precast Conc Box, 8 foot by 7 foot	4060118	336.000	Ft
0920	Pavt, Cleaning	5010001	1.000	LSUM
0930	Bump Grinding	5010004	1,748.000	Syd
0940	HMA Surface, Rem	5010005	67,899.000	Syd
0950	HMA Quality Initiative	5010007	518.000	Dlr
0960	Hand Patching	5010025	7.000	Ton
0970	HMA Approach	5010061	252.000	Ton
0980	HMA, Temp Pavt (4EML)	5012103	843.000	Ton
0990	_ Ride Incentive	5017060	42,995.000	Dlr
1000	Joint, Expansion, E3	6020208	295.000	Ft
1010	Conc Pavt, Bridge Approach, Reinf	6020600	875.000	Syd
1020	_ Steel Sheet Piling, Temp, Spec	7047010	660.000	Sft
1030	Reinforcement, Steel, Culv and Headwall	7060091	360.000	Lb
1040	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Furn	7060202	760.000	Sft
1050	Mechanically Stabilized Earth Wall, Wire Faced, Temp, Install	7060203	760.000	Sft
1060	Conc, Grade 3500	7062001	9.000	Cyd
1070	_ Pavt Sensor, Invasive Condition	8007050	1.000	Ea
1080	_ Subsurface Temperature Probe	8007050	1.000	Ea
1090	Driveway, Nonreinf Conc, 7 inch	8010006	403.000	Syd

1100	Curb and Gutter, Conc, Det F3	8020037	403.000	Ft
1110	Driveway Opening, Conc, Det M	8020050	513.000	Ft
1120	Shld Gutter, Conc, Det 2	8020056	6.000	Ea
1130	Downspout Header, Conc	8020070	9.000	Ea
1140	Spillway, Conc	8020075	46.000	Ft
1150	Curb and Gutter, Bridge Approach, Det 7	8022018	373.000	Ft
1160	Detectable Warning Surface	8030010	51.000	Ft
1170	Curb Ramp Opening, Conc	8030030	106.000	Ft
1180	Sidewalk, Conc, 4 inch	8030044	818.000	Sft
1190	Sidewalk, Conc, 7 inch	8030047	1,170.000	Sft
1200	Curb Ramp, Conc, 4 inch	8032001	496.000	Sft
1210	Guardrail, Type MGS-8	8070004	4,918.000	Ft
1220	Guardrail, Curved, Type MGS-8	8070012	163.000	Ft
1230	Guardrail, Type MGS-8, Temp	8070013	1,477.000	Ft
1240	Guardrail Anch, Bridge, Det T4	8070025	4.000	Ea
1250	Guardrail Approach Terminal, Type 2M	8070044	19.000	Ea
1260	Guardrail Approach Terminal, Type 2M, Temp	8070049	10.000	Ea
1270	Guardrail Departing Terminal, Type MGS	8070052	11.000	Ea
1280	Guardrail Departing Terminal, Type MGS, Temp	8070053	1.000	Ea
1290	Guardrail Post, Culv	8070070	12.000	Ea
1300	Guardrail Reflector	8070080	146.000	Ea
1310	Guardrail Anch, Bridge, Det M1	8070130	2.000	Ea
1320	Guardrail Anch, Bridge, Det M7	8070136	7.000	Ea
1330	Guardrail Anch, Bridge, Det A3	8070150	4.000	Ea
1340	Guardrail Anch, Bridge, Det M7, Temp	8072090	3.000	Ea
1350	Fence, Woven Wire with Wood Post	8080001	1,000.000	Ft
1360	Fence, Protective	8080007	1,000.000	Ft
1370	Bridge Sign Connection, Bolt Replacement	8100020	6.000	Ea
1380	Bridge Sign Connection, Conc, Type A	8100030	2.000	Ea
1390	Bridge Sign Connection, Conc, Type A1	8100031	3.000	Ea
1400	Bridge Sign Connection, Type A, Rem	8100080	1.000	Ea
1410	Cantilever, Rem	8100090	1.000	Ea
1420	Cantilever, Type E	8100104	1.000	Ea
1430	Column, Breakaway, W8 x 13	8100120	12.000	Ea
1440	Column, Breakaway, W8 x 18	8100121	4.000	Ea
1450	Delineator Reflector, Red	8100131	54.000	Ea
1460	Delineator Reflector, Yellow	8100132	57.000	Ea
1470	Delineator Reflector, Green	8100133	76.000	Ea
1480	Delineator Reflector, White	8100134	171.000	Ea
1490	Delineator, Reflective Sheeting, 3 inch by 12 inch, Red	8100139	21.000	Ea
1500	Delineator, Reflective Sheeting, 3 inch by 12 inch, White	8100145	8.000	Ea
1510	Delineator, Reflective Sheeting, 3 inch by 12 inch, Yellow	8100146	33.000	Ea
1520	Fdn, Breakaway, W8 x 13	8100160	12.000	Ea

1530	Fdn, Breakaway, W8 x 18	8100161	4.000	Ea
1540	Fdn, Cantilever Sign Structure Type E, 48 inch Dia, Cased	8100170	28.000	Ft
1550	Fdn, Cantilever, Rem	8100190	1.000	Ea
1560	Fdn, Column Breakaway, Rem	8100220	8.000	Ea
1570	Fdn, Wood Support, Rem	8100280	72.000	Ea
1580	Installing MDOT Supplied Sign, Type III	8100302	10.000	Ea
1590	Perforated Steel Square Tube Breakaway System	8100330	13.000	Ea
1600	Fdn, Perforated Steel Square Tube Sign Breakaway System, Rem	8100331	8.000	Ea
1610	Post, Flexible, Delineator	8100360	41.000	Ea
1620	Post, Rigid, Delineator	8100361	304.000	Ea
1630	Post, Steel, 3 lb	8100371	2,156.000	Ft
1640	Post, Wood, 4 inch by 6 inch	8100380	352.000	Ft
1650	Post, Wood, 6 inch by 8 inch	8100382	306.000	Ft
1660	Sign, Type I, Rem	8100391	160.000	Ea
1670	Sign, Type IA	8100392	1,619.000	Sft
1680	Sign, Type IB	8100393	228.000	Sft
1690	Sign, Type II, Erect, Salv	8100396	1.000	Ea
1700	Sign, Type II, Rem	8100397	50.000	Ea
1710	Sign, Type IIA	8100398	482.000	Sft
1720	Sign, Type IIB	8100399	131.000	Sft
1730	Sign, Type III, Erect, Salv	8100402	3.000	Ea
1740	Sign, Type III, Rem	8100403	112.000	Ea
1750	Sign, Type IIIA	8100404	362.000	Sft
1760	Sign, Type IIIB	8100405	346.000	Sft
1770	Transporting Salv MDOT Materials	8100420	1.000	LSUM
1780	Sign, Type VA	8100424	42.000	Sft
1790	Sign, Type VB	8100425	211.000	Sft
1800	Reflective Panel for Permanent Sign Support, 3 foot	8100613	32.000	Ea
1810	Reflective Panel for Permanent Sign Support, 6 foot	8100616	2.000	Ea
1820	Bracket, H	8100650	1.000	Ea
1830	Sign, Type II, Rem, Salv	8102002	1.000	Ea
1840	Sign, Type III, Rem, Salv	8102003	3.000	Ea
1850	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	383.000	Ft
1860	Pavt Mrkg, Polyurea, Wrong Way Arrow Sym	8110098	4.000	Ea
1870	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	215.000	Ft
1880	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,067.000	Ft
1890	Pavt Mrkg, Sprayable Thermopl, 6 inch, Yellow	8110156	6,844.000	Ft
1900	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	436.000	Ft
1910	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	1,329.000	Ft
1920	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	17.000	Ft
1930	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	3.000	Ea
1940	Pavt Mrkg, Polyurea, Only	8110410	1.000	Ea
1950	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	4.000	Ea

1960	Recessing Pavt Mrkg, Longit	8110450	86,960.000	Ft
1970	Recessing Pavt Mrkg, Transv	8110451	738.000	Sft
1980	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, White	8112115	44,296.000	Ft
1990	Pavt Mrkg, Wet Reflective Polyurea, 12 inch, White	8112116	5,077.000	Ft
2000	Pavt Mrkg, Wet Reflective Polyurea, 6 inch, Yellow	8112118	37,588.000	Ft
2010	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	63.000	Ea
2020	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	63.000	Ea
2030	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
2040	Conc Barrier Ending, Temp, Det 2, Adj	8120040	2.000	Ea
2050	Conc Barrier Ending, Temp, Det 2, Furn	8120041	3.000	Ea
2060	Conc Barrier Ending, Temp, Det 2, Oper	8120042	3.000	Ea
2070	Conc Barrier Reflector Replacement	8120070	10.000	Ea
2080	Conc Barrier, Temp, Adj	8120080	505.000	Ft
2090	Conc Barrier, Temp, Furn	8120081	2,980.000	Ft
2100	Conc Barrier, Temp, Oper	8120082	2,980.000	Ft
2110	Glare Screen, Temp	8120094	2,475.000	Ft
2120	High Intensity Light, Type B, Furn	8120110	3.000	Ea
2130	High Intensity Light, Type B, Oper	8120111	3.000	Ea
2140	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
2150	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
2160	Ltg for Night Work	8120160	1.000	LSUM
2170	Minor Traf Devices	8120170	1.000	LSUM
2180	Mobile Attenuator	8120180	1.000	Ea
2190	Pavt Mrkg Cover, Type R, Black	8120200	250.000	Ft
2200	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	13,683.000	Ft
2210	Pavt Mrkg, Longit, Greater than 6 inch Width, Rem	8120211	783.000	Ft
2220	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	36.000	Ft
2230	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	812.000	Ft
2240	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,939.000	Ft
2250	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	1,252.000	Ft
2260	Plastic Drum, Fluorescent, Furn	8120252	720.000	Ea
2270	Plastic Drum, Fluorescent, Oper	8120253	720.000	Ea
2280	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	130.000	Ft
2290	Sign Cover	8120310	28.000	Ea
2300	Sign Cover, Type I	8120320	5.000	Ea
2310	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	4.000	Ea
2320	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	4.000	Ea
2330	Sign, Type A, Temp, Prismatic, Furn	8120340	50.000	Sft
2340	Sign, Type A, Temp, Prismatic, Oper	8120341	50.000	Sft

2350	Sign, Type B, Temp, Prismatic, Furn	8120350	2,792.000	Sft
2360	Sign, Type B, Temp, Prismatic, Oper	8120351	2,792.000	Sft
2370	Sign, Type B, Temp, Prismatic, Spec, Furn	8120352	393.000	Sft
2380	Sign, Type B, Temp, Prismatic, Spec, Oper	8120353	393.000	Sft
2390	Traf Regulator Control	8120370	1.000	LSUM
2400	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, White, Temp	8122000	33,468.000	Ft
2410	Pavt Mrkg, Wet Reflective, Type R, Tape, 6 inch, Yellow, Temp	8122002	33,220.000	Ft
2420	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, White, Temp	8122004	1,748.000	Ft
2430	Pavt Mrkg, Wet Reflective, Type NR, Paint, 6 inch, Yellow, Temp	8122006	2,637.000	Ft
2440	Pavt Mrkg, Wet Reflective, Type R, Tape, 12 inch, White, Temp	8122012	2,286.000	Ft
2450	Pavt Mrkg, Wet Reflective, Type NR, Paint, 12 inch, White, Temp	8122016	108.000	Ft
2460	Speed Radar Trailer, Temp	8122028	1.000	Ea
2470	Temp Rumble Strips (Orange), Advance of a Work Zone	8122187	1,296.000	Ft
2480	Rebuilding Michigan Sign, Type VA, Modified, Temp, Furn	8123000	4.000	Ea
2490	Rebuilding Michigan Sign, Type VA, Modified, Temp, Oper	8123001	4.000	Ea
2500	Riprap, Plain	8130010	910.000	Syd
2510	_ Riprap, Inside Culvert, Plain	8137031	340.000	Ton
2520	Site Preparation, Max \$ 3,770.00	8150001	1.000	LSUM
2530	Watering and Cultivating, First Season, Min \$ 1,830.00	8150002	1.000	LSUM
2540	Watering and Cultivating, 2nd Season, Min \$ 2,260.00	8150003	1.000	LSUM
2550	Acer x freemanii 'Armstrong', 1 1/2 inch	8150217	3.000	Ea
2560	Amelanchier x grandifolia 'Robin Hill', 1 1/2 inch	8150333	5.000	Ea
2570	Gymnocladus dioicus, 1 1/2 inch	8151674	3.000	Ea
2580	Malus 'Centurion', 1 1/2 inch	8152295	5.000	Ea
2590	Picea omorika, 4 foot	8152786	12.000	Ea
2600	Ulmus americana 'Valley Forge', 1 1/2 inch	8153910	3.000	Ea
2610	Water, Sodding/Seeding	8160090	4.000	Unit
2620	Slope Restoration, Non-Freeway, Type A	8162001	179,435.000	Syd
2630	Slope Restoration, Non-Freeway, Type B	8162002	83,261.000	Syd
2640	Slope Restoration, Non-Freeway, Type C	8162003	2,176.000	Syd
2650	Conduit, Rem	8182000	225.000	Ft
2660	Conduit, Directional Bore, 3, 3 inch	8182039	75.000	Ft
2670	Conduit, DB, 1, 1 1/2 inch	8182048	135.000	Ft
2680	Conduit, DB, 1, 2 1/2 inch	8182049	56.000	Ft
2690	Conduit, DB, 1, 3 inch	8182050	175.000	Ft
2700	Conduit, DB, 3, 3 inch	8182056	50.000	Ft
2710	Conduit, DB, 4, 3 inch	8182059	10.000	Ft
2720	Cable, Sec, Rem	8182199	270.000	Ft
2730	Cable Pole, Sec, Disman	8182206	1.000	Ea

2740	Cable Pole, TS and Sec, Disman	8182209	1.000	Ea
2750	Cable, Sec, 600V, 1, 3/C#6	8182238	290.000	Ft
2760	Hh, Polymer Conc	8182309	2.000	Ea
2770	Hh, Round	8182310	7.000	Ea
2780	Hh, Round, 3 foot dia	8182319	1.000	Ea
2790	Hh, Adj	8182328	2.000	Ea
2800	Hh, Rem	8182330	4.000	Ea
2810	Metered Serv, Rem	8182339	2.000	Ea
2820	Wood Pole, Cl 4, 45 foot	8182352	4.000	Ea
2830	Wood Pole, Rem	8182363	4.000	Ea
2840	Serv Disconnect	8182366	3.000	Ea
2850	Serv Disconnect, Rem	8182367	2.000	Ea
2860	Wood Pole, Fit Up, Sec Cable Pole	8182381	1.000	Ea
2870	Case Sign Panel	8200003	4.000	Ea
2880	Case Sign Panel, Rem	8200004	8.000	Ea
2890	Case Sign Panel, Salv	8200005	4.000	Ea
2900	Case Sign, Rem	8200020	5.000	Ea
2910	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	3.000	Ea
2920	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	5.000	Ea
2930	Controller and Cabinet, Rem	8200030	3.000	Ea
2940	Controller Fdn, Base Mtd	8200045	1.000	Ea
2950	Global Positioning System Module	8200050	1.000	Ea
2960	Global Positioning System Module, Rem	8200053	1.000	Ea
2970	Fish Beacon, Controller and Cabinet, Solid State	8200070	1.000	Ea
2980	TS, Managed Field Ethernet Switch, Layer 2, Copper	8200088	1.000	Ea
2990	Pedestal, Alum	8200100	6.000	Ea
3000	Pedestal, Fdn	8200105	7.000	Ea
3010	Pedestal Fdn, Rem	8200106	2.000	Ea
3020	Pedestal, Rem	8200110	2.000	Ea
3030	Power Co. (Est. Cost to Contractor)	8200116	2,500.000	Dlr
3040	Pedestal, Pushbutton, Alum	8200118	1.000	Ea
3050	Pushbutton and Sign	8200121	4.000	Ea
3060	Span Wire	8200140	10.000	Ea
3070	Span Wire, Rem	8200141	9.000	Ea
3080	Span Wire Tether	8200142	5.000	Ea
3090	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	6.000	Ea
3100	TS, Pedestrian, Pedestal Mtd, Rem	8200181	2.000	Ea
3110	TS, Span Wire Mtd, Rem	8200182	19.000	Ea
3120	Cabinet, NEMA Type	8200186	2.000	Ea
3130	TS, One Way Span Wire Mtd (LED)	8200313	23.000	Ea
3140	TS, Two Way Span Wire Mtd (LED)	8200322	2.000	Ea
3150	TS, Three Way Span Wire Mtd (LED)	8200325	2.000	Ea
3160	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
3170	TS, Pedestrian, Two Way Bracket Arm Mtd (LED)	8200339	1.000	Ea

	Countdown			
3180	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
3190	TS, Antenna, Rem	8200368	1.000	Ea
3200	Sign Optical, Rem	8200372	1.000	Ea
3210	Sign Optical, (LED)	8200373	1.000	Ea
3220	Wireless Vehicle Detection System, Rem	8200423	1.000	Ea
3230	Wireless Vehicle Sensor Node, Rem	8200426	9.000	Ea
3240	TS Head, Adj	8200452	9.000	Ea
3250	TS Face, Bag	8200458	9.000	Ea
3260	TS Face, Bag, Rem	8200459	9.000	Ea
3270	Strain Pole, Steel, 6 bolt, 30 foot	8200460	6.000	Ea
3280	Strain Pole Fdn, 6 Bolt	8200470	76.000	Ft
3290	Casing	8200480	11.000	Ft
3300	Backplate, TS	8200501	12.000	Ea
3310	_ Conduit, DB, 1, 1 inch	8207001	20.000	Ft
3320	_ Controller, NEMA, ATC Type	8207050	2.000	Ea
3330	_ Sinusoidal Corrugations, Freeway, Milled, Conc Shoulder	8227001	266.000	Ft
3340	_ Sinusoidal Corrugations, Freeway, Milled, HMA Shoulder	8227001	971.000	Ft
3350	Contractor Staking	8240001	1.000	LSUM
3360	Staking Plan Errors and Extras, Max \$180/hour	8240002	395.000	Hr
3370	Lightning Protection, Pole	8260021	1.000	Ea

Section: 2

3380	Excavation, Earth	2050016	262,563.000	Cyd
3390	_ Embankment, CIP, Spec	2057021	6,878.000	Cyd
3400	Subbase, CIP	3010002	125,415.000	Cyd
3410	Aggregate Base, 6 inch	3020016	170,745.000	Syd
3420	_ Shld, CI II, 6.5 inch, Modified	3077011	1,576.000	Syd
3430	_ Shld, CI II, 7 inch, Modified	3077011	802.000	Syd
3440	_ Shld, CI II, 8.5 inch, Modified	3077011	19,647.000	Syd
3450	Underdrain, Subbase, 6 inch	4040063	61,694.000	Ft
3460	HMA Quality Initiative	5010007	299,741.000	Dlr
3470	Longit Joint Density Quality Initiative	5010018	169,878.000	Dlr
3480	_ HMA Approach (6.5")	5017011	984.000	Syd
3490	_ HMA Approach (7")	5017011	409.000	Syd
3500	_ HMA Approach (8.5")	5017011	4,067.000	Syd
3510	_ HMA, 3EMH (3.75")	5017011	97,396.000	Syd
3520	_ HMA, 3EML (3")	5017011	27,798.000	Syd
3530	_ HMA, 3EML (3.75")	5017011	31,107.000	Syd
3540	_ HMA, 4EMH (2.25")	5017011	97,396.000	Syd
3550	_ HMA, 4EMH (2.50")	5017011	97,396.000	Syd
3560	_ HMA, 4EML (2")	5017011	10,483.000	Syd
3570	_ HMA, 4EML (2.25")	5017011	31,107.000	Syd

3580	_ HMA, 4EML (2.50")	5017011	48,422.000	Syd
3590	_ HMA, 5EML (1.5")	5017011	27,798.000	Syd
3600	Curb and Gutter, Conc, Det B2	8020016	959.000	Ft
3610	Curb and Gutter, Conc, Det F3	8020037	21.000	Ft
3620	Curb and Gutter, Conc, Det F4	8020038	1,131.000	Ft
3630	_ Sinusoidal Corrugations, Freeway, Milled, HMA Shoulder	8227001	51,179.000	Ft

Section: 3

3640	Conc Quality Initiative	10000030	447,921.000	Dlr
3650	Excavation, Earth	2050016	217,398.000	Cyd
3660	_ Embankment, CIP, Spec	2057021	6,326.000	Cyd
3670	Subbase, CIP	3010002	75,462.000	Cyd
3680	Open-Graded Dr Cse, 6 inch	3030006	170,744.000	Syd
3690	_ Shld, CI II, 8 inch, Modified	3077011	2,375.000	Syd
3700	_ Shld, CI II, 9.5 inch, Modified	3077011	19,647.000	Syd
3710	Geotextile, Separator, Non-Woven	3082000	189,763.000	Syd
3720	Underdrain, Pipe, Open-Graded, 6 inch	4040043	61,694.000	Ft
3730	Conc Pavt, Misc, Nonreinf, 8 inch	6020054	1,393.000	Syd
3740	Conc Pavt, Misc, Nonreinf, 9 1/2 inch	6020057	3,635.000	Syd
3750	Conc Pavt, Nonreinf, 8 inch	6020104	20,997.000	Syd
3760	Conc Pavt, Nonreinf, 9 1/2 inch	6020107	87,400.000	Syd
3770	Joint, Contraction, Cp	6020200	75,311.000	Ft
3780	Joint, Contraction, C3p	6020201	30,317.000	Ft
3790	Joint, Expansion, E2	6020207	621.000	Ft
3800	Joint, Expansion, E3	6020208	76.000	Ft
3810	Joint, Expansion, E4	6020209	268.000	Ft
3820	Shld, Nonreinf Conc	6020222	48,181.000	Syd
3830	Curb and Gutter, Conc, Det B1	8020015	959.000	Ft
3840	Curb and Gutter, Conc, Det F3	8020037	1,152.000	Ft
3850	Rem Curing Compound, for Longit Mrkg, 6 inch	8110308	84,215.000	Ft
3860	Rem Curing Compound, for Longit Mrkg, 12 inch	8110310	5,060.000	Ft
3870	Rem Curing Compound, for Spec Mrkg	8110321	584.000	Sft
3880	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Shadow Tape, Black	8110389	3,662.000	Ft
3890	Recessing Pavt Mrkg, Longit	8110450	3,662.000	Ft
3900	_ Sinusoidal Corrugations, Freeway, Milled, Conc Shoulder	8227001	51,179.000	Ft

Section: 4

3910	Culv, Precast Conc Box, 10 foot by 7 foot	4060131	112.000	Ft
3920	HMA Patch, Rem	5010006	97.000	Syd
3930	Bridge Ltg, Furn and Rem (S02 of 03032)	7060001	1.000	LSUM
3940	Bridge Ltg, Oper and Maintain	7060002	236.000	Cyd
3950	Expansion Joint Device	7060050	183.000	Ft
3960	False Decking	7060060	1,820.000	Sft

3970	Reinforcement, Steel, Epoxy Coated	7060092	14,400.000	Lb
3980	Superstructure Conc, Form, Finish, and Cure, Night Casting (S02 of 03032)	7060112	1.000	LSUM
3990	Superstructure Conc, Night Casting, High Performance	7060117	56.000	Cyd
4000	Sealing Localized Cracks (S02 of 03032)	7060220	1.000	LSUM
4010	Conc, Grade 4500HP	7062004	42.000	Cyd
4020	Shear Developers (S02 of 03032)	7070040	1.000	LSUM
4030	Joint Waterproofing	7100001	690.000	Sft
4040	Conc Surface Coating, Warranty (S02 of 03032)	7100009	1.000	LSUM
4050	Substructure Horizontal Surface Sealer (S02 of 03032)	7100030	284.000	Syd
4060	_ Silane Treatment	7107010	1,090.000	Sft
4070	Bridge Railing, Thrie Beam Retrofit	7110006	372.000	Ft
4080	Scarifying	7120001	1,288.000	Syd
4090	Hand Chipping, Other Than Deck	7120007	348.000	Cft
4100	Patch, Full Depth	7120010	4.000	Cyd
4110	Patch, Forming	7120017	1,044.000	Sft
4120	Bridge Deck Surface Construction	7120025	1,288.000	Syd
4130	Structures, Rehabilitation, Rem Portions (S02 of 03032)	7120070	1.000	LSUM
4140	Deck Joint, Rem	7120071	182.000	Ft
4150	Hydrodemolition, First Pass	7120076	1,288.000	Syd
4160	Hydrodemolition, 2nd Pass	7120077	129.000	Syd
4170	Top Flanges and Beam Ends, Clean and Coat	7120100	40.000	Syd
4180	Patching Conc, C-L	7120112	13.000	Cyd
4190	Embedded Galvanic Anode	7120120	364.000	Ea
4200	_ Conc, Deep Bridge Deck Ovly	7127021	236.000	Cyd
4210	Beam Plate, Seal Perimeter	7130010	815.000	Ft
4220	Structural Steel, Welded Repr, Furn, Fab, and Erect	7130072	4,861.000	Lb
4230	Support, Column, Temp	7130080	39.000	Ea
4240	Steel Structure, Cleaning, Partial, Type 4 (S02 of 03032)	7150047	1.000	LSUM
4250	Steel Structure, Coating, Partial, Type 4 (S02 of 03032)	7150048	1.000	LSUM
4260	Field Repr of Damaged Coating (S02 of 03032)	7160001	1.000	LSUM
4270	Slope Paving Header	8130015	216.000	Ft
4280	Slope Paving, Conc	8130020	60.000	Syd
4290	_ Slope Protection, Replace	8137011	50.000	Syd

Section: 5

4300	_ Calendar Days of Contract Time for Opening to Traffic, US-31	1027060	50,000.000	Dlr
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