



Schedule of Pay Items

Report v1

Letting Call: 190628 901

Letting Date: June 28, 2019

Contract ID: 25000-200906

Description: 5.00 mi of hot mix asphalt reconstruction, concrete pavement, curb, gutter, sidewalk and ramps, earth excavation, aggregate base, water main, storm sewer, signing, bridge reconstruction with 21-inch prestressed concrete box beams, steel piles, cofferdams and pavement markings on Dupont Street from University Avenue to Copeman Street and from Pasadena Avenue to Bishop Avenue and on Atherton Road from Van Slyke Road to Dort Highway (M-54) over Carman Creek in the city of Flint, Genesee County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200906A	1800261	N/A	TIGR 25000
201292A	1800261	N/A	TIGR 25000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$2,531,600.00	1500001	1.000	LSUM
0020	Clearing	2010001	1.500	Acre
0030	Tree, Rem, 19 inch to 36 inch	2020002	18.000	Ea
0040	Tree, Rem, 6 inch to 18 inch	2020004	31.000	Ea
0050	Stump, Rem, 6 inch to 18 inch	2020008	1.000	Ea
0060	Dr Structure, Rem	2030011	215.000	Ea
0070	Sewer, Rem, Less than 24 inch	2030015	6,721.000	Ft
0080	Sidewalk, Rem	2040055	22,881.000	Syd
0090	Exploratory Investigation, Vertical	2040080	580.000	Ft
0100	_ Pavt, Rem, Modified	2047011	145,279.000	Syd
0110	Embankment, CIP	2050010	4,082.000	Cyd
0120	Excavation, Earth	2050016	48,377.000	Cyd
0130	Non Haz Contaminated Material Handling and Disposal, LM	2050031	1,070.000	Cyd
0140	Subgrade Undercutting, Type II	2050041	350.000	Cyd
0150	Erosion Control, Inlet Protection, Fabric Drop	2080020	372.000	Ea
0160	Erosion Control, Inlet Protection, Sediment Trap	2080024	118.000	Ea
0170	Erosion Control, Silt Fence	2080036	25,350.000	Ft
0180	Subbase, CIP	3010002	4,379.000	Cyd
0190	Aggregate Base, 6 inch	3020016	16,171.000	Syd
0200	Aggregate Base, 12 inch	3020030	135,553.000	Syd
0210	Maintenance Gravel, LM	3060021	9,500.000	Cyd
0220	Culv End Sect, 12 inch	4010012	2.000	Ea
0230	Culv End Sect, 15 inch	4010015	1.000	Ea
0240	Sewer, CI A, 12 inch, Tr Det A	4020004	50.000	Ft

0250	Sewer, CI A, 12 inch, Tr Det B	4020033	4,993.000	Ft
0260	Sewer, CI A, 15 inch, Tr Det B	4020034	101.000	Ft
0270	Sewer, CI A, 18 inch, Tr Det B	4020035	812.000	Ft
0280	Sewer, CI A, 24 inch, Tr Det B	4020036	80.000	Ft
0290	Sewer, CI E, 12 inch, Tr Det B	4020600	5,035.000	Ft
0300	Sewer, CI E, 15 inch, Tr Det B	4020601	10.000	Ft
0310	Sewer Tap, 12 inch	4021204	10.000	Ea
0320	Sewer Bulkhead, 12 inch	4021230	56.000	Ea
0330	Sewer Bulkhead, 15 inch	4021231	1.000	Ea
0340	Sewer Bulkhead, 36 inch	4021237	1.000	Ea
0350	Video Taping Sewer and Culv Pipe	4021275	5,000.000	Ft
0360	Dr Structure Cover, Adj, Case 1	4030005	266.000	Ea
0370	Dr Structure Cover, Type B	4030010	254.000	Ea
0380	Dr Structure Cover, Type K	4030050	283.000	Ea
0390	Dr Structure, 24 inch dia	4030200	161.000	Ea
0400	Dr Structure, 48 inch dia	4030210	117.000	Ea
0410	Dr Structure, 60 inch dia	4030220	6.000	Ea
0420	Dr Structure, 72 inch dia	4030230	1.000	Ea
0430	Dr Structure, 84 inch dia	4030231	1.000	Ea
0440	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	45.000	Ft
0450	Dr Structure, Adj, Add Depth	4030280	27.000	Ft
0460	Dr Structure, Cleaning	4030290	90.000	Ea
0470	Dr Structure, Tap, 12 inch	4030312	137.000	Ea
0480	Dr Structure, Tap, 15 inch	4030315	4.000	Ea
0490	Dr Structure, Tap, 18 inch	4030318	2.000	Ea
0500	Underdrain, Subgrade, 6 inch	4040073	51,619.000	Ft
0510	Cold Milling HMA Surface	5010002	2,100.000	Syd
0520	Hand Patching	5010025	237.000	Ton
0530	HMA, 3E1	5010044	20,645.000	Ton
0540	HMA, 4E1	5010050	13,628.000	Ton
0550	HMA, 5E1	5010056	10,982.000	Ton
0560	HMA Approach	5010061	4,836.000	Ton
0570	Joint, Expansion, E3	6020208	56.000	Ft
0580	Joint, Expansion, E4	6020209	23.000	Ft
0590	Conc Pavt, Bridge Approach, Reinf	6020600	166.000	Syd
0600	Driveway, Nonreinf Conc, 6 inch	8010005	4,564.000	Syd
0610	Driveway, Nonreinf Conc, 9 inch	8010008	2,377.000	Syd
0620	Curb and Gutter, Bridge Approach	8020010	80.000	Ft
0630	Curb and Gutter, Conc, Det F4	8020038	52,758.000	Ft
0640	Curb Ramp Opening, Conc	8030030	2,332.000	Ft
0650	Sidewalk Ramp, Conc, 6 inch	8030036	53,054.000	Sft
0660	Sidewalk, Conc, 4 inch	8030044	178,892.000	Sft
0670	Sidewalk, Conc, 6 inch	8030046	29,004.000	Sft
0680	_ Detectable Warning Surface, Modified	8037001	1,849.000	Ft

0690	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0700	Guardrail Approach Terminal, Type 2M	8070044	2.000	Ea
0710	Band, Sign	8100010	8.000	Ea
0720	Post, Steel, 3 lb	8100371	3,734.000	Ft
0730	Sign, Type IIA	8100398	13.000	Sft
0740	Sign, Type III, Erect, Salv	8100402	112.000	Ea
0750	Sign, Type III, Rem	8100403	437.000	Ea
0760	Sign, Type IIIA	8100404	358.000	Sft
0770	Sign, Type IIIB	8100405	662.000	Sft
0780	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	4,430.000	Ft
0790	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, White	8110039	201.000	Ft
0800	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Cross Hatching, Yellow	8110040	524.000	Ft
0810	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	775.000	Ft
0820	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	72.000	Ea
0830	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	11.000	Ea
0840	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0850	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	3,486.000	Ft
0860	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	54,947.000	Ft
0870	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	32,692.000	Ft
0880	Rem Spec Mrkg	8110343	650.000	Sft
0890	Pavt Mrkg, Waterborne, For On-Street Parking, 4 inch, White	8110425	650.000	Ft
0900	Barricade, Type III, High Intensity, Lighted, Furn	8120022	33.000	Ea
0910	Barricade, Type III, High Intensity, Lighted, Oper	8120023	31.000	Ea
0920	Pedestrian Type II Barricade, Temp	8120026	59.000	Ea
0930	Lighted Arrow, Type C, Furn	8120140	4.000	Ea
0940	Lighted Arrow, Type C, Oper	8120141	4.000	Ea
0950	Minor Traf Devices	8120170	1.000	LSUM
0960	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,600.000	Ft
0970	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	44,500.000	Ft
0980	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	58,630.000	Ft
0990	Plastic Drum, High Intensity, Furn	8120250	388.000	Ea
1000	Plastic Drum, High Intensity, Oper	8120251	388.000	Ea
1010	Sign Cover	8120310	11.000	Ea
1020	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
1030	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
1040	Sign, Type B, Temp, Prismatic, Furn	8120350	4,505.000	Sft
1050	Sign, Type B, Temp, Prismatic, Oper	8120351	4,096.000	Sft
1060	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,979.000	Sft
1070	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,798.000	Sft
1080	Traf Regulator Control	8120370	1.000	LSUM

1090	Conc Barrier, Temp, Limited Deflection, Det 2, Furn	8121100	100.000	Ft
1100	Conc Barrier, Temp, Limited Deflection, Det 2, Oper	8121101	100.000	Ft
1110	_ Turf Establishment, Performance	8167011	68,137.000	Syd
1120	Cable Pole, TS and Sec, Disman	8190009	6.000	Ea
1130	Cable Pole, TS, Disman	8190010	9.000	Ea
1140	Conduit, DB, 1, 1 1/2 inch	8190027	270.000	Ft
1150	Conduit, DB, 1, 3 inch	8190029	75.000	Ft
1160	Conduit, DB, 2, 3 inch	8190032	90.000	Ft
1170	Conduit, DB, 3, 3 inch	8190035	20.000	Ft
1180	Conduit, DB, 4, 3 inch	8190038	100.000	Ft
1190	Conduit, Rem	8190140	40.000	Ft
1200	Hh, Round, 3 foot dia	8190259	10.000	Ea
1210	Hh, Round	8190260	6.000	Ea
1220	Cable, Sec, 600V, 1, 3/C#6	8190399	1,500.000	Ft
1230	Wood Pole	8190465	32.000	Ea
1240	Wood Pole, Fit Up, TS and Sec Cable Pole	8190500	10.000	Ea
1250	Wood Pole, Fit Up, TS Cable Pole	8190501	3.000	Ea
1260	Wood Pole, Rem	8190505	2.000	Ea
1270	Case Sign, Rem	8200020	7.000	Ea
1280	Case Sign (LED), One Way, 24 inch by 30 inch	8200029	30.000	Ea
1290	Controller and Cabinet, Rem	8200030	10.000	Ea
1300	Controller and Cabinet, Digital Type	8200031	10.000	Ea
1310	Controller Fdn, Base Mount	8200045	10.000	Ea
1320	Digital Loop Detector	8200055	2.000	Ea
1330	Pedestal, Alum	8200100	1.000	Ea
1340	Pedestal, Fdn	8200105	5.000	Ea
1350	Pedestal Fdn, Rem	8200106	1.000	Ea
1360	Pedestal, Rem	8200110	1.000	Ea
1370	Power Co. (Est. Cost to Contractor)	8200116	27,500.000	Dlr
1380	Pushbutton and Sign	8200121	4.000	Ea
1390	Pushbutton Pedestal, Alum	8200123	4.000	Ea
1400	Serv Disconnect	8200135	10.000	Ea
1410	Span Wire	8200140	37.000	Ea
1420	Span Wire, Rem	8200141	11.000	Ea
1430	Span Wire Tether	8200142	37.000	Ea
1440	Steel Pole, Rem (Embedded)	8200146	6.000	Ea
1450	Strain Pole Fdn	8200152	16.000	Ft
1460	Strain Pole, Steel, Anchor Base, 30 foot	8200155	1.000	Ea
1470	Traf Loop	8200170	4.000	Ea
1480	TS, Bracket Arm Mtd, Rem	8200175	6.000	Ea
1490	TS, Pedestal Mtd, Rem	8200179	1.000	Ea
1500	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	11.000	Ea
1510	TS, Span Wire Mtd, Rem	8200182	22.000	Ea
1520	TS, One Way Span Wire Mtd (LED)	8200313	77.000	Ea
1530	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea

1540	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	4.000	Ea
1550	TS, Pedestrian, Two Way Bracket Arm Mtd (LED) Countdown	8200339	33.000	Ea
1560	TS, Pedestrian, Two Way Pedestal Mtd (LED) Countdown	8200347	1.000	Ea
1570	Junction Box, Rem	8200457	1.000	Ea
1580	Casing	8200480	13.000	Ft
1590	Backplate, TS	8200501	78.000	Ea
1600	Monument Box Adjust	8210005	4.000	Ea
1610	Monument Preservation	8210010	4.000	Ea
1620	Protect Corners	8210020	12.000	Ea
1630	Live Tap, 6 inch by 8 inch	8230260	4.000	Ea
1640	Live Tap, 8 inch by 16 inch	8230265	2.000	Ea
1650	Live Tap, 12 inch by 16 inch	8230267	2.000	Ea
1660	Live Tap, 12 inch by 24 inch	8230268	4.000	Ea
1670	Live Tap, 16 inch by 24 inch	8230269	2.000	Ea
1680	_ Water Main Bedding and Backfill, SD-7W	8237001	37,978.000	Ft
1690	_ Water Main, 10 inch, Open Cut	8237001	267.000	Ft
1700	_ Water Main, 12 inch, Open Cut	8237001	205.000	Ft
1710	_ Water Main, 16 inch, Directional Drill	8237001	852.000	Ft
1720	_ Water Main, 16 inch, Open Cut	8237001	15,981.000	Ft
1730	_ Water Main, 24 inch, Open Cut	8237001	8,959.000	Ft
1740	_ Water Main, 8 inch, Open Cut	8237001	12,330.000	Ft
1750	_ Water Main, Rem	8237001	3,844.000	Ft
1760	_ Gate Valve and Box, 10 inch, Modified	8237050	4.000	Ea
1770	_ Gate Valve and Box, 12 inch, Modified	8237050	7.000	Ea
1780	_ Gate Valve and Box, 16 inch, Modified	8237050	63.000	Ea
1790	_ Gate Valve and Box, 24 inch, Modified	8237050	31.000	Ea
1800	_ Gate Valve and Box, 8 inch, Modified	8237050	109.000	Ea
1810	_ Hydrant Assembly, SD-1W	8237050	66.000	Ea
1820	_ Hydrant, Rem, Modified	8237050	51.000	Ea
1830	_ In Line Stop, 12 inch	8237050	8.000	Ea
1840	_ In Line Stop, 16 inch	8237050	4.000	Ea
1850	_ In Line Stop, 24 inch	8237050	6.000	Ea
1860	_ In Line Stop, 6 inch	8237050	30.000	Ea
1870	_ In Line Stop, 8 inch	8237050	20.000	Ea
1880	_ Live Tap, 10 inch by 24 inch	8237050	4.000	Ea
1890	_ Water Main, 10 inch, Cut and Plug, Modified	8237050	4.000	Ea
1900	_ Water Main, 12 inch, Cut and Plug, Modified	8237050	2.000	Ea
1910	_ Water Main, 16 inch, Cut and Plug, Modified	8237050	10.000	Ea
1920	_ Water Main, 18 inch, Cut and Plug, Modified	8237050	1.000	Ea
1930	_ Water Main, 24 inch, Cut and Plug, Modified	8237050	18.000	Ea
1940	_ Water Main, 6 inch, Cut and Plug, Modified	8237050	24.000	Ea
1950	_ Water Main, 8 inch, Cut and Plug, Modified	8237050	105.000	Ea
1960	_ Water Main, Connect New 10 inch to Existing 10	8237050	4.000	Ea

	inch			
1970	_ Water Main, Connect New 12 inch to Existing 12 inch	8237050	4.000	Ea
1980	_ Water Main, Connect New 16 inch to Existing 16 inch	8237050	6.000	Ea
1990	_ Water Main, Connect New 16 inch to Existing 18 inch	8237050	1.000	Ea
2000	_ Water Main, Connect New 24 inch to Existing 12 inch	8237050	4.000	Ea
2010	_ Water Main, Connect New 24 inch to Existing 16 inch	8237050	2.000	Ea
2020	_ Water Main, Connect New 24 inch to Existing 24 inch	8237050	6.000	Ea
2030	_ Water Main, Connect New 24 inch to Existing 8 inch	8237050	1.000	Ea
2040	_ Water Main, Connect New 8 inch to Existing 6 inch	8237050	24.000	Ea
2050	_ Water Main, Connect New 8 inch to Existing 8 inch	8237050	35.000	Ea
2060	_ Water Serv, 1 inch	8237050	164.000	Ea
2070	_ Water Serv, Long, 1 inch	8237050	249.000	Ea
2080	_ Water Structure, Abandon	8237050	106.000	Ea
2090	Flowable Fill, Non-Structural	8260148	115.000	Cyd

Section: 2

2100	Structures, Rem	2040060	1.000	LSUM
2110	Backfill, Structure, CIP	2060002	1,350.000	Cyd
2120	Excavation, Fdn	2060010	1,639.000	Cyd
2130	Erosion Control, Filter Bag	2080014	2.000	Ea
2140	Erosion Control, Turbidity Curtain, Shallow	2080044	246.000	Ft
2150	Underdrain, Fdn, 4 inch	4040031	166.000	Ft
2160	Underdrain Outlet, 4 inch	4040091	80.000	Ft
2170	Underdrain, Outlet Ending, 4 inch	4040111	4.000	Ea
2180	Cofferdams	7040007	1.000	LSUM
2190	Prebore, Fdn Piling	7050001	172.000	Ft
2200	Pile Driving Equipment, Furn	7050002	1.000	LSUM
2210	Pile, Steel, Furn and Driven, 12 inch	7050030	2,042.000	Ft
2220	Test Pile, Steel, 12 inch	7050031	4.000	Ea
2230	Pile Point, Steel	7050039	56.000	Ea
2240	Pile, Steel, Splice	7050050	56.000	Ea
2250	Bridge Ltg, Furn and Rem	7060001	1.000	LSUM
2260	Bridge Ltg, Oper and Maintain	7060002	73.000	Cyd
2270	Conc, Grade T	7060013	172.000	Cyd
2280	Conc, Low Temperature Protection	7060020	473.000	Cyd
2290	Elec Grounding System	7060040	1.000	Ea
2300	False Decking	7060060	3,990.000	Sft
2310	Reinforcement, Steel, Epoxy Coated	7060092	77,542.000	Lb
2320	Substructure Conc	7060100	275.000	Cyd
2330	Superstructure Conc	7060110	77.000	Cyd
2340	Superstructure Conc, Form, Finish, and Cure	7060111	1.000	LSUM

2350	Superstructure Conc, Form, Finish, and Cure, Night Casting	7060112	1.000	LSUM
2360	Superstructure Conc, Night Casting	7060113	73.000	Cyd
2370	Bearing, Elastomeric, 1 3/4 inch	7070015	3,780.000	Sin
2380	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	1,222.000	Lb
2390	Steel Diaphragm, Prest Conc Beam, Erect	7070054	1,222.000	Lb
2400	Prest Conc Box Beam, Furn, 21 inch	7080061	271.000	Ft
2410	Prest Conc Box Beam, Erect, 21 inch	7080062	271.000	Ft
2420	Joint Waterproofing	7100001	311.000	Sft
2430	Conc Surface Coating (2827)	7100010	1.000	LSUM
2440	Bridge Railing, Aesthetic Parapet Tube	7110005	140.000	Ft
2450	Riprap, Heavy	8130005	320.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190628 902

Letting Date: June 28, 2019

Contract ID: 81000-203388

Description: 0.20 mi of hot mix asphalt crushing, shaping and resurfacing, concrete pavement, curb and gutter, aggregate base and pavement markings on Ridge Road at Hack Road, Washtenaw County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203388A	1900825	N/A	HRRR 81000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$24,900.00	1500001	1.000	LSUM
0020	Fence, Rem	2040025	80.000	Ft
0030	Non Haz Contaminated Material Handling and Disposal, LM	2050031	25.000	Cyd
0040	Subgrade Undercutting, Type II	2050041	25.000	Cyd
0050	_ Roadway Grading	2057002	14.000	Sta
0060	Aggregate, 6A	2060001	135.000	Cyd
0070	Erosion Control, Silt Fence	2080036	1,800.000	Ft
0080	Project Cleanup	2090001	1.000	LSUM
0090	_ Aggregate Base, Modified	3027031	1,060.000	Ton
0100	HMA Base Crushing and Shaping	3050002	1,925.000	Syd
0110	Maintenance Gravel	3060020	10.000	Ton
0120	_ Shoulder, CI II, Modified	3077031	87.000	Ton
0130	HMA, 4E3	5010051	470.000	Ton
0140	HMA, 5E3	5010057	470.000	Ton
0150	HMA Approach	5010061	20.000	Ton
0160	High Friction Surface Treatment	5060800	1,770.000	Syd
0170	Conc Pavt, Misc, Nonreinf, 6 inch	6020050	138.000	Syd
0180	Curb and Gutter, Conc, Det B2	8020016	510.000	Ft
0190	Post, Mailbox	8070095	2.000	Ea
0200	Post, Steel, 3 lb	8100371	224.000	Ft
0210	Sign, Type III, Rem	8100403	30.000	Ea
0220	Sign, Type IIIA	8100404	67.000	Sft
0230	Sign, Type IIIB	8100405	55.000	Sft
0240	Reflective Panel for Permanent Sign Support, 3 foot	8100613	10.000	Ea
0250	_ Flexible Channelization Device	8107050	10.000	Ea
0260	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	37.000	Ft
0270	Pavt Mrkg, Waterborne, 4 inch, White	8110231	1,970.000	Ft

0280	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	2,040.000	Ft
0290	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, White	8110251	1,970.000	Ft
0300	Pavt Mrkg, Waterborne, 2nd Application, 4 inch, Yellow	8110252	2,040.000	Ft
0310	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	25.000	Ea
0320	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	25.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea
0350	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0360	Sign Cover	8120310	10.000	Ea
0370	Sign, Portable, Changeable Message, NTCIP-Compliant, Furn	8120332	2.000	Ea
0380	Sign, Portable, Changeable Message, NTCIP-Compliant, Oper	8120333	2.000	Ea
0390	Sign, Type B, Temp, Prismatic, Furn	8120350	593.000	Sft
0400	Sign, Type B, Temp, Prismatic, Oper	8120351	593.000	Sft
0410	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	295.000	Sft
0420	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	295.000	Sft
0430	Riprap, Plain	8130010	6.000	Syd
0440	_ Turf Establishment, Performance	8167011	2,170.000	Syd
0450	Monument Preservation	8210010	2.000	Ea
0460	_ Sinusoidal Corrugations, Milled, HMA Centerline	8227001	700.000	Ft
0470	_ Sinusoidal Corrugations, Milled, HMA Shoulder	8227001	766.000	Ft



Schedule of Pay Items

Report v1

Letting Call: 190628 903

Letting Date: June 28, 2019

Contract ID: 11000-130790

Description: 0.93 mi of hot mix asphalt cold milling and resurfacing, joint and crack repairs and pavement markings on Napier Avenue from St. Joseph River to Colfax Avenue, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130790A	1900784	N/A	STUL 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$63,800.00	1500001	1.000	LSUM
0020	Dr Structure Cover, Adj, Case 1	4030005	27.000	Ea
0030	Dr Structure Cover, Type B	4030010	27.000	Ea
0040	Cold Milling HMA Surface	5010002	32,000.000	Syd
0050	Pavt Joint and Crack Repr, Det 7	5010020	7,000.000	Ft
0060	Hand Patching	5010025	40.000	Ton
0070	HMA, 5E1	5010056	3,900.000	Ton
0080	HMA Approach	5010061	185.000	Ton
0090	_ High Strength Pavt Mat Interlayer	5017011	28,000.000	Syd
0100	Post, Flexible, Delineator	8100360	55.000	Ea
0110	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	270.000	Ft
0120	Pavt Mrkg, Ovly Cold Plastic, 24 inch, Stop Bar	8110045	125.000	Ft
0130	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	3.000	Ea
0140	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	3.000	Ea
0150	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	3.000	Ea
0160	Pavt Mrkg, Waterborne, 4 inch, White	8110231	14,740.000	Ft
0170	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,700.000	Ft
0180	Channelizing Device, 42 inch, Furn	8120030	300.000	Ea
0190	Channelizing Device, 42 inch, Oper	8120031	300.000	Ea
0200	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0210	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0220	Minor Traf Devices	8120170	1.000	LSUM
0230	Sign, Type B, Temp, Prismatic, Furn	8120350	528.000	Sft
0240	Sign, Type B, Temp, Prismatic, Oper	8120351	528.000	Sft
0250	Traf Regulator Control	8120370	1.000	LSUM
0260	Traf Loop, Presence	8200171	7.000	Ea
0270	Traf Loop, Calling	8200172	7.000	Ea

0280	Monument Box Adjust	8210005	1.000	Ea
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Schedule of Pay Items

Report v1

Letting Call: 190628 904

Letting Date: June 28, 2019

Contract ID: 41000-130612

Description: 0.27 mi of hot mix asphalt reconstruction, concrete curb and gutter, sidewalk, sidewalk ramps, driveway, storm sewer, water main and pavement markings on Division Avenue from Wealthy Street to Cherry Street in the city of Grand Rapids, Kent County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130612A	1900765	N/A	NH 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Contaminated Material, Storage, Handling and Disposal	1077060	10,000.000	Dir
0020	Mobilization, Max \$277,900.00	1500001	1.000	LSUM
0030	Dr Structure, Rem	2030011	12.000	Ea
0040	Curb and Gutter, Rem	2040020	1,750.000	Ft
0050	Curb, Rem	2040021	1,950.000	Ft
0060	Sidewalk, Rem	2040055	2,540.000	Syd
0070	_ Abandon and Fill Underground Utilites, 10 inch Dia	2047001	70.000	Ft
0080	_ Abandon and Fill Underground Utilites, 12 inch Dia	2047001	3,600.000	Ft
0090	_ Abandon and Fill Underground Utilities, 8 inch Dia	2047001	150.000	Ft
0100	_ Pavt, Rem, Modified	2047011	10,550.000	Syd
0110	Excavation, Rock	2050018	40.000	Cyd
0120	_ Machine Grading, Modified	2057002	14.000	Sta
0130	_ Storm Water Operator's Inspections	2087050	120.000	Ea
0140	_ Soil Erosion and Sedimentation Control	2097051	1.000	LSUM
0150	_ Soil Erosion and Sedimentation Control Plan	2097051	1.000	LSUM
0160	Subbase, CIP	3010002	3,299.000	Cyd
0170	_ Aggregate Base, 6 inch, Modified	3027011	9,897.000	Syd
0180	Maintenance Gravel, LM	3060021	120.000	Cyd
0190	Sewer Tap, 12 inch	4021204	4.000	Ea
0200	Sewer Bulkhead, 12 inch	4021230	3.000	Ea
0210	Video Taping Sewer and Culv Pipe	4021275	620.000	Ft
0220	_ Basin Connection, C76 CI III, 12 inch	4027001	260.000	Ft
0230	_ Basin Connection, Ductile Iron, CI 53, 10 inch	4027001	80.000	Ft
0240	_ Basin Connection, Ductile Iron, CI 53, 12 inch	4027001	120.000	Ft
0250	_ Storm Sewer, C76 CI III, 12 inch	4027001	340.000	Ft
0260	_ Core & Boot Existing Manhole for 12 inch Storm Sewer	4027050	3.000	Ea

0270	_ Dr Structure, Reconstruct	4037001	20.000	Ft
0280	_ Dr Structure Cover, Special	4037030	21,000.000	Lb
0290	_ Catch Basin, Det S-3	4037050	6.000	Ea
0300	_ Dr Structure Cover, Adj, Special	4037050	70.000	Ea
0310	_ Drop Inlet, Det S-6	4037050	5.000	Ea
0320	_ Storm Manhole, Det S-1, 4' Dia	4037050	5.000	Ea
0330	_ Storm Manhole, Det S-1, 4' Dia w/ 3' Sump	4037050	3.000	Ea
0340	Underdrain, Subbase, 6 inch	4040063	3,400.000	Ft
0350	Cold Milling HMA Surface	5010002	850.000	Syd
0360	Hand Patching	5010025	100.000	Ton
0370	HMA, 3E1	5010044	3,296.000	Ton
0380	HMA, 5E1	5010056	1,135.000	Ton
0390	HMA Approach	5010061	100.000	Ton
0400	_ Temporary HMA Pavement	5017031	40.000	Ton
0410	Conc Pavt, Nonreinf, 9 inch	6020106	55.000	Syd
0420	Joint, Contraction Cp, Intersection	6020250	50.000	Ft
0430	Driveway, Nonreinf Conc, 6 inch	8010005	100.000	Syd
0440	Driveway, Nonreinf Conc, 8 inch	8010007	80.000	Syd
0450	Curb, Conc, Det E2	8020002	120.000	Ft
0460	Curb, Conc, Det E4	8020004	100.000	Ft
0470	_ Curb and Gutter, Conc, Det P-5, 12 inch pan	8027001	1,320.000	Ft
0480	_ Curb and Gutter, Conc, Det P-5, 18 inch pan	8027001	3,400.000	Ft
0490	Curb Ramp Opening, Conc	8030030	260.000	Ft
0500	Sidewalk Ramp, Conc, 4 inch	8030034	1,800.000	Sft
0510	Sidewalk Ramp, Conc, 6 inch	8030036	1,600.000	Sft
0520	Sidewalk, Conc, 4 inch	8030044	22,000.000	Sft
0530	Sidewalk, Conc, 6 inch	8030046	1,600.000	Sft
0540	_ Detectable Warning Surface, Modified	8037001	260.000	Ft
0550	_ Conc Base, 4 inch	8037010	220.000	Sft
0560	_ Conc Base, Reinf, 6 inch	8037010	3,420.000	Sft
0570	_ Porous Paver	8037010	3,480.000	Sft
0580	_ Bike Loop	8087050	6.000	Ea
0590	_ Sign, Rem	8107050	20.000	Ea
0600	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,880.000	Ft
0610	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	1,320.000	Ft
0620	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	1,050.000	Ft
0630	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	220.000	Ft
0640	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	8.000	Ea
0650	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	1.000	Ea
0660	Pavt Mrkg, Polyurea, Thru Arrow Sym	8110418	1.000	Ea
0670	Recessing Pavt Mrkg, Longit	8110450	3,200.000	Ft
0680	Recessing Pavt Mrkg, Transv	8110451	1,800.000	Sft
0690	Barricade, Type III, High Intensity, Lighted, Furn	8120022	20.000	Ea
0700	Barricade, Type III, High Intensity, Lighted, Oper	8120023	20.000	Ea
0710	Pedestrian Type II Barricade, Temp	8120026	24.000	Ea

0720	Pedestrian Type II Channelizer, Temp	8120027	1,200.000	Ft
0730	Lighted Arrow, Type B, Furn	8120130	2.000	Ea
0740	Lighted Arrow, Type B, Oper	8120131	2.000	Ea
0750	Minor Traf Devices	8120170	1.000	LSUM
0760	Pavt Mrkg Cover, Type R, Black	8120200	1,200.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	4,500.000	Ft
0780	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	6,500.000	Ft
0790	Plastic Drum, High Intensity, Furn	8120250	80.000	Ea
0800	Plastic Drum, High Intensity, Oper	8120251	80.000	Ea
0810	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0820	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0830	Sign, Type B, Temp, Prismatic, Furn	8120350	820.000	Sft
0840	Sign, Type B, Temp, Prismatic, Oper	8120351	820.000	Sft
0850	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	80.000	Sft
0860	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	80.000	Sft
0870	Traf Regulator Control	8120370	1.000	LSUM
0880	_ Pedestrian Path, Temp	8127001	1,200.000	Ft
0890	_ Pedestrian Ramp, Temp	8127050	30.000	Ea
0900	_ Sign, Temporary Business, Oper	8127050	20.000	Ea
0910	_ Dust Control	8127051	1.000	LSUM
0920	_ Steel Edging	8157001	40.000	Ft
0930	_ Prepared Soil	8157021	945.000	Cyd
0940	_ Amsonia hubrichtii 'Halfway to Arkansas', 1 Gal Cont	8157050	11.000	Ea
0950	_ Carpinus caroliniana, 2 1/2 Inch	8157050	9.000	Ea
0960	_ Echinacea 'Pixie Meadowbrite', 1 Gal Cont	8157050	94.000	Ea
0970	_ Eucommia ulmoides, 3 Inch	8157050	3.000	Ea
0980	_ Ginkgo biloba 'JFS-UGA2', 2 1/2 Inch	8157050	2.000	Ea
0990	_ Large Seat Wall	8157050	3.000	Ea
1000	_ Liatris spicata 'Kobold', 1 Gal Cont	8157050	58.000	Ea
1010	_ Nepeta X faassenii 'Walker's Low', 1 Gal Cont	8157050	16.000	Ea
1020	_ Pennisetum orientale 'Karley Rose', 1 Gal Cont	8157050	44.000	Ea
1030	_ Porous Tree Grate	8157050	42.000	Ea
1040	_ Rudbeckia fulgida 'Goldsturm', 1 Gal Cont	8157050	115.000	Ea
1050	_ Sedum 'Carl', 1 Gal Cont	8157050	32.000	Ea
1060	_ Small Seat Wall	8157050	7.000	Ea
1070	_ Sporobolus heterolepis 'Tara', 1 Gal Cont	8157050	26.000	Ea
1080	_ Tree Water Bag	8157050	42.000	Ea
1090	_ Turf Watering	8157050	15.000	Ea
1100	_ Ulmus 'Morton', 3 Inch	8157050	6.000	Ea
1110	_ Ulmus 'New Horizon', 3 Inch	8157050	13.000	Ea
1120	_ Ulmus 'Patriot', 3 Inch	8157050	6.000	Ea
1130	_ Zelkova serrata 'Green Vase', 3 Inch	8157050	3.000	Ea
1140	_ Irrigation System	8157051	1.000	LSUM

1150	_ Site Preparation, Max, Modified \$23,000.00	8157051	1.000	LSUM
1160	_ Watering and Cultivating, Special	8157051	1.000	LSUM
1170	_ No Mo Turf	8167010	2,900.000	Sft
1180	_ Turf Establishment	8167011	300.000	Syd
1190	_ Conductor, (4) # 6 CU U.S.E. 600V Insulation	8197001	2,445.000	Ft
1200	_ Conduit, Concrete Encased, Schedule 20 PVC, (1) 4 Inch	8197001	918.000	Ft
1210	_ Conduit, Concrete Encased, Schedule 20 PVC, (6) 3 Inch	8197001	128.000	Ft
1220	_ Conduit, Concrete Encased, Schedule 20 PVC, (8) 4 Inch	8197001	240.000	Ft
1230	_ Conduit, Concrete Encased, Schedule 20 PVC, (9) 4 Inch	8197001	681.000	Ft
1240	_ Conduit, Direct Buried, Schedule 40 PVC, (1) 2 Inch	8197001	2,266.000	Ft
1250	_ Conduit, Direct Buried, Schedule 40 PVC, (1) 4 Inch	8197001	1,312.000	Ft
1260	_ Conduit, Direct Buried, Schedule 40 PVC, (2) 2 Inch	8197001	163.000	Ft
1270	_ Innerduct, (1) 4 Cell Microduct	8197001	60.000	Ft
1280	_ Innerduct, SDR 13.5 (2) 1.25 Inch (Orange) and (2) 1 Inch (Black)	8197001	1,466.000	Ft
1290	_ Innerduct, SDR 13.5(1)1.25 Inch(Orange),(1)4 Cell Microduct and (1)7 Cell Microduct	8197001	1,672.000	Ft
1300	_ Concrete Base for Street Lighting Pole (Detail E-28A)	8197050	17.000	Ea
1310	_ Concrete Base for Street Lighting Pole (Detail E-28M)	8197050	1.000	Ea
1320	_ Conduit(s) Connect to Existing	8197050	10.000	Ea
1330	_ Handhole - Precast Concrete 24 inch diameter x 36 inch deep (Detail E-4)	8197050	4.000	Ea
1340	_ Handhole, Flared Wall Polymer Concrete, 17 inch x 30 inch	8197050	16.000	Ea
1350	_ House Side 90 Degree Shield	8197050	8.000	Ea
1360	_ Manhole Hardware Package for Detail E-25A	8197050	2.000	Ea
1370	_ Manhole, Precast Concrete 8 Feet x 6 Feet x 7 Feet (Detail E-25A)	8197050	2.000	Ea
1380	_ Street Lighting Pole, Ornamental, (2) 118W LED Luminaires (Detail E-28DA)	8197050	18.000	Ea
1390	_ Removal, Existing Street Lighting System	8197051	1.000	LSUM
1400	_ Removal, Temporary Communications	8197051	1.000	LSUM
1410	_ Hydrant Extension	8237001	4.000	Ft
1420	_ Water Main, DI CI 53, 10 inch	8237001	75.000	Ft
1430	_ Water Main, DI CI 53, 12 inch	8237001	3,250.000	Ft
1440	_ Water Main, DI CI 53, 4 inch	8237001	180.000	Ft
1450	_ Water Main, DI CI 53, 6 inch	8237001	580.000	Ft
1460	_ Water Main, DI CI 53, 8 inch	8237001	180.000	Ft
1470	_ Water Service, 1 1/2 inch	8237001	600.000	Ft
1480	_ Water Service, 2 inch	8237001	140.000	Ft
1490	_ Bend, 22 1/2 Degree, 10 inch	8237050	4.000	Ea
1500	_ Bend, 22 1/2 Degree, 12 inch	8237050	2.000	Ea
1510	_ Bend, 22 1/2 Degree, 4 inch	8237050	2.000	Ea
1520	_ Bend, 22 1/2 Degree, 6 inch	8237050	14.000	Ea

1530	_ Bend, 22 1/2 Degree, 8 inch	8237050	2.000	Ea
1540	_ Bend, 45 Degree, 10 inch	8237050	2.000	Ea
1550	_ Bend, 45 Degree, 12 inch	8237050	36.000	Ea
1560	_ Bend, 45 Degree, 4 inch	8237050	6.000	Ea
1570	_ Bend, 45 Degree, 6 inch	8237050	16.000	Ea
1580	_ Bend, 45 Degree, 8 inch	8237050	8.000	Ea
1590	_ Bend, 90 Degree, 6 inch	8237050	2.000	Ea
1600	_ Curb Stop and Box on Water Service, 1 1/2 inch	8237050	12.000	Ea
1610	_ Curb Stop and Box on Water Service, 2 inch	8237050	3.000	Ea
1620	_ Hydrant, 5 inch	8237050	10.000	Ea
1630	_ Hydrant, Rem, Salvage	8237050	6.000	Ea
1640	_ Sleeve, 10 inch	8237050	2.000	Ea
1650	_ Sleeve, 12 inch	8237050	7.000	Ea
1660	_ Sleeve, 4 inch	8237050	5.000	Ea
1670	_ Sleeve, 6 inch	8237050	6.000	Ea
1680	_ Sleeve, 8 inch	8237050	4.000	Ea
1690	_ Tap for Water Service including Corporation Stop and Collar, 2 inch	8237050	3.000	Ea
1700	_ Tap for Water Service including Corporation Stop, 1 1/2 inch	8237050	12.000	Ea
1710	_ Tee, 12 inch x 12 inch x 12 inch	8237050	4.000	Ea
1720	_ Tee, 12 inch X 12 inch X 4 inch	8237050	4.000	Ea
1730	_ Tee, 12 inch x 12 inch x 6 inch	8237050	15.000	Ea
1740	_ Tee, 12 inch X 12 inch X 8 inch	8237050	3.000	Ea
1750	_ Valve and Box, 12 inch	8237050	13.000	Ea
1760	_ Valve and Box, 4 inch	8237050	4.000	Ea
1770	_ Valve and Box, 6 inch	8237050	15.000	Ea
1780	_ Valve and Box, 8 inch	8237050	3.000	Ea
1790	_ Reform Existing Channel	8507050	3.000	Ea
1800	_ Additional Insurance	8507060	5,000.000	Dlr
1810	_ Internal Plumbing	8507060	5,000.000	Dlr
1820	_ Underground Sprinkling Systems, Restore	8507060	5,000.000	Dlr

**Schedule of Pay Items**

Report v1

Letting Call: 190628 905**Letting Date:** June 28, 2019**Contract ID:** 41000-130692**Description:** 4.00 mi of hot mix asphalt crushing, shaping and resurfacing, guardrail and pavement markings on 7 Mile Road NW from Fruit Ridge Avenue to Alpine Avenue. Kent County. This is a Local Agency project.**Project Information**

Project Number	Federal Project Number	Federal Item Number	Control Section
130692A	1900803	N/A	STL 41000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$122,000.00	1500001	1.000	LSUM
0020	Guardrail, Rem	2040035	1,300.000	Ft
0030	Pavt, Rem	2040050	95.000	Syd
0040	_ Shoulder Grading	2057002	167.000	Sta
0050	Erosion Control, Filter Bag	2080014	2.000	Ea
0060	Erosion Control, Silt Fence	2080036	500.000	Ft
0070	_ Project Cleanup, Modified	2097051	1.000	LSUM
0080	Material, Surplus and Unsuitable, Rem, LM	3050010	1,250.000	Cyd
0090	Salv Crushed Material, LM	3050015	1,100.000	Cyd
0100	_ HMA Base Crushing and Shaping, Modified	3057011	91,740.000	Syd
0110	Approach, CI III, CIP	3070042	900.000	Cyd
0120	_ Shoulder, CI III, CIP, Modified	3077031	925.000	Ton
0130	_ Manhole Channel Protection	4027050	4.000	Ea
0140	Dr Structure Cover, Adj, Case 1	4030005	4.000	Ea
0150	Dr Structure, Temp Lowering	4030390	4.000	Ea
0160	HMA, 3C	5010031	9,511.000	Ton
0170	HMA, 5E1	5010056	7,135.000	Ton
0180	HMA Approach	5010061	80.000	Ton
0190	_ HMA Spillway	5017001	300.000	Ft
0200	Driveway, Nonreinf Conc, 6 inch	8010005	105.000	Syd
0210	Guardrail, Type B	8070000	700.000	Ft
0220	Guardrail Approach Terminal, Type 2B	8070042	12.000	Ea
0230	Guardrail Reflector	8070080	40.000	Ea
0240	Pavt Mrkg, Waterborne, 4 inch, White	8110231	42,240.000	Ft
0250	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	42,240.000	Ft
0260	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	30.000	Ea
0270	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	30.000	Ea

0280	Channelizing Device, 42 inch, Furn	8120030	200.000	Ea
0290	Channelizing Device, 42 inch, Oper	8120031	200.000	Ea
0300	Minor Traf Devices	8120170	1.000	LSUM
0310	Pavt Mrkg, Type NR, Tape, 4 inch, Yellow, Temp	8120231	2,000.000	Ft
0320	Sign, Type B, Temp, Prismatic, Furn	8120350	750.000	Sft
0330	Sign, Type B, Temp, Prismatic, Oper	8120351	750.000	Sft
0340	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	47.000	Sft
0350	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	47.000	Sft
0360	Traf Regulator Control	8120370	1.000	LSUM
0370	Riprap, Plain	8130010	80.000	Syd
0380	_ Roadside Seeding	8167002	167.000	Sta
0390	Monument Box	8210001	7.000	Ea
0400	Monument Preservation	8210010	7.000	Ea
0410	Water Shutoff, Adj, Temp, Case 1	8230381	1.000	Ea
0420	Water Shutoff, Adj, Case 1	8230421	1.000	Ea
0430	_ Well Brine, 26%	8507022	68,805.000	Gal



Schedule of Pay Items

Report v1

Letting Call: 190628 906

Letting Date: June 28, 2019

Contract ID: 14442-133418

Description: 2.10 mi of hot mix asphalt cold milling and resurfacing, aggregate shoulder and pavement markings on Cherry Grove Road from Mathews Street to M-62, Cass County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133418A	1900789	N/A	STUL 14442
133419A	1900790	N/A	STUL 14442

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$39,900.00	1500001	1.000	LSUM
0020	Shoulder, CI II	3070121	1,010.000	Ton
0030	Dr Structure Cover, Adj, Case 1	4030005	1.000	Ea
0040	Cold Milling HMA Surface	5010002	2,435.000	Syd
0050	HMA, 13A	5010033	2,640.000	Ton
0060	HMA, 36A	5010034	1,761.000	Ton
0070	HMA Approach	5010061	133.000	Ton
0080	Pavt Mrkg, Waterborne, 4 inch, White	8110231	22,290.000	Ft
0090	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	11,145.000	Ft
0100	Channelizing Device, 42 inch, Furn	8120030	210.000	Ea
0110	Channelizing Device, 42 inch, Oper	8120031	210.000	Ea
0120	Lighted Arrow, Type B, Furn	8120130	6.000	Ea
0130	Lighted Arrow, Type B, Oper	8120131	6.000	Ea
0140	Minor Traf Devices	8120170	1.000	LSUM
0150	Sign, Type B, Temp, Prismatic, Furn	8120350	1,064.000	Sft
0160	Sign, Type B, Temp, Prismatic, Oper	8120351	1,064.000	Sft
0170	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	5.000	Sft
0180	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	5.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0200	Monument Box Adjust	8210005	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190628 907

Letting Date: June 28, 2019

Contract ID: 16000-200053

Description: 1.83 mi of hot mix asphalt shared use path includes grading, earthwork, retaining wall, viewing platform and slope restoration on along West Burt Lake Road to Riggsville Road, Cheboygan County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
200053A	1900760	N/A	TAL 16000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$56,900.00	1500001	1.000	LSUM
0020	Clearing	2010001	3.450	Acre
0030	Excavation, Earth	2050016	676.000	Cyd
0040	Erosion Control, Silt Fence	2080036	8,600.000	Ft
0050	Subbase, CIP	3010002	871.000	Cyd
0060	Approach, CI I, 6 inch	3070008	140.000	Syd
0070	Shoulder, CI II	3070121	451.000	Ton
0080	Culv End Sect, 15 inch	4010015	6.000	Ea
0090	Culv, CI F, 15 inch	4010608	76.000	Ft
0100	HMA Approach	5010061	14.000	Ton
0110	_ Pre-Cast Concrete L-Shape Retaining Wall	7067010	600.000	Sft
0120	_ Structure, Timber, Modified	7097051	1.000	LSUM
0130	Detectable Warning Surface	8030010	30.000	Ft
0140	Sidewalk Ramp, Conc, 6 inch	8030036	420.000	Sft
0150	Sidewalk, Conc, 6 inch	8030046	120.000	Sft
0160	Curb Sloped, HMA	8050010	1,159.000	Ft
0170	Shared use Path, HMA	8060040	1,400.000	Ton
0180	_ Shared Use Path, Grading, Special	8067001	7,405.000	Ft
0190	_ Shared use Path, Aggregate, Special	8067011	12,828.000	Syd
0200	_ Fence, Temp, Special	8087001	135.000	Ft
0210	_ Wood Fence	8087001	256.000	Ft
0220	Post, Steel, 3 lb	8100371	240.000	Ft
0230	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0240	Sign, Type III, Rem	8100403	2.000	Ea
0250	Sign, Type IIIA	8100404	12.000	Sft
0260	Sign, Type IIIB	8100405	128.000	Sft
0270	_ Trail Sign Post	8107050	5.000	Ea

0280	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	112.000	Ft
0290	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	6.000	Ea
0300	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	6.000	Ea
0310	Lighted Arrow, Type C, Furn	8120140	3.000	Ea
0320	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0330	Minor Traf Devices	8120170	1.000	LSUM
0340	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	80.000	Ft
0350	Plastic Drum, High Intensity, Furn	8120250	120.000	Ea
0360	Plastic Drum, High Intensity, Oper	8120251	120.000	Ea
0370	Sign, Type B, Temp, Prismatic, Furn	8120350	476.000	Sft
0380	Sign, Type B, Temp, Prismatic, Oper	8120351	476.000	Sft
0390	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	60.000	Sft
0400	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	60.000	Sft
0410	Traf Regulator Control	8120370	1.000	LSUM
0420	Riprap, Plain	8130010	10.000	Syd
0430	_ HMA Spillway	8147011	6.000	Syd
0440	Slope Restoration, Type A	8160100	11,423.000	Syd
0450	Slope Restoration, Type B	8160101	3,162.000	Syd
0460	Slope Restoration, Type C	8160102	812.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190628 908

Letting Date: June 28, 2019

Contract ID: 52000-133036

Description: 0.91 mi of hot mix asphalt cold milling and resurfacing, adjust drainage structures, concrete sidewalk ramps, slope restoration and pavement markings on various routes, Marquette County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133036A	1900753	N/A	STUL 52000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Railroad Inspection and Flagging	1077060	9,000.000	Dir
0020	Mobilization, Max \$46,000.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	614.000	Ft
0040	Sidewalk, Rem	2040055	711.000	Syd
0050	Aggregate Base	3020001	400.000	Ton
0060	Aggregate Base, Conditioning	3020050	7,291.000	Syd
0070	Dr Structure Cover, Adj, Case 1	4030005	54.000	Ea
0080	Cold Milling HMA Surface	5010002	13,119.000	Syd
0090	HMA Surface, Rem	5010005	140.000	Syd
0100	Hand Patching	5010025	35.000	Ton
0110	HMA, 4E3	5010051	766.000	Ton
0120	HMA, 5E3	5010057	2,012.000	Ton
0130	HMA Approach	5010061	233.000	Ton
0140	Detectable Warning Surface	8030010	325.000	Ft
0150	Curb Ramp Opening, Conc	8030030	614.000	Ft
0160	Sidewalk Ramp, Conc, 4 inch	8030034	5,677.000	Sft
0170	Sidewalk, Conc, 4 inch	8030044	750.000	Sft
0180	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	3,200.000	Ft
0190	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	175.000	Ft
0200	Pavt Mrkg, Regular Dry, 4 inch, White	8110125	6,444.000	Ft
0210	Pavt Mrkg, Regular Dry, 4 inch, Yellow	8110126	8,303.000	Ft
0220	Pavt Mrkg, Polyurea, Railroad Sym	8110411	4.000	Ea
0230	Barricade, Type III, High Intensity, Lighted, Furn	8120022	12.000	Ea
0240	Barricade, Type III, High Intensity, Lighted, Oper	8120023	12.000	Ea
0250	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0260	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0270	Minor Traf Devices	8120170	1.000	LSUM

0280	Plastic Drum, High Intensity, Furn	8120250	60.000	Ea
0290	Plastic Drum, High Intensity, Oper	8120251	60.000	Ea
0300	Sign, Type B, Temp, Prismatic, Furn	8120350	760.000	Sft
0310	Sign, Type B, Temp, Prismatic, Oper	8120351	760.000	Sft
0320	Traf Regulator Control	8120370	1.000	LSUM
0330	Mulch Blanket	8160027	800.000	Syd
0340	_ Slope Restoration	8167011	800.000	Syd
0350	Gate Box, Adj, Case 1	8230431	48.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190628 909

Letting Date: June 28, 2019

Contract ID: 82000-203503

Description: 1.50 mi of hot mix asphalt cold milling and resurfacing, intermittent curb repair, concrete base repair and ADA ramps on Beech Daly Road from Brest Road to Wick Road in the city of Taylor, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
203503A	1900757	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$132,700.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	330.000	Syd
0030	Sidewalk, Rem	2040055	120.000	Syd
0040	Erosion Control, Inlet Protection, Fabric Drop	2080020	22.000	Ea
0050	Project Cleanup	2090001	1.000	LSUM
0060	Subbase, CIP	3010002	10.000	Cyd
0070	Aggregate Base, 4 inch	3020010	280.000	Syd
0080	Shoulder, CI II, 8 inch	3070130	1,610.000	Syd
0090	Trenching	3070200	72.000	Sta
0100	Dr Structure Cover, Type B	4030010	3.000	Ea
0110	Dr Structure Cover, Type K	4030050	5.000	Ea
0120	Dr Structure Cover, Type Q	4030065	3.000	Ea
0130	Pavt, Cleaning	5010001	1.000	LSUM
0140	Cold Milling HMA Surface	5010002	36,010.000	Syd
0150	Bump Grinding	5010004	150.000	Syd
0160	Pavt Joint and Crack Repr, Det 7	5010020	14,200.000	Ft
0170	Pavt Joint and Crack Repr, Det 8	5010021	3,700.000	Ft
0180	Hand Patching	5010025	1,110.000	Ton
0190	HMA, 4E1	5010050	3,120.000	Ton
0200	HMA, 5E1	5010056	3,120.000	Ton
0210	HMA Approach	5010061	200.000	Ton
0220	_ Geosynthetic Paving Fabric	5017011	36,320.000	Syd
0230	Conc Base Cse, Nonreinf, 9 1/2 inch	6020022	440.000	Syd
0240	Cold Milling Conc Pavt	6030014	150.000	Syd
0250	Lane Tie, Epoxy Anchored	6030030	2,230.000	Ea
0260	Pavt Repr, Nonreinf Conc, 10 inch	6030048	185.000	Syd
0270	Pavt Repr, Rem	6030080	185.000	Syd

0280	Saw Cut, Intermediate	6030090	1,115.000	Ft
0290	_ Curb, Conc, Det E1, Modified	8027001	700.000	Ft
0300	Detectable Warning Surface	8030010	50.000	Ft
0310	Curb Ramp Opening, Conc	8030030	80.000	Ft
0320	Sidewalk Ramp, Conc, 6 inch	8030036	550.000	Sft
0330	Post, Steel, 3 lb	8100371	96.000	Ft
0340	Sign, Type III, Erect, Salv	8100402	2.000	Ea
0350	Sign, Type III, Rem	8100403	5.000	Ea
0360	Sign, Type IIIB	8100405	38.000	Sft
0370	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	2,320.000	Ft
0380	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	14,880.000	Ft
0390	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	7,720.000	Ft
0400	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	380.000	Ft
0410	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	100.000	Ft
0420	Witness, Log, \$1,000.00	8110350	1,000.000	Dlr
0430	_ Pavt Mrkg, Preformed Thermoplastic, Lt Turn Arrow Sym	8117050	4.000	Ea
0440	_ Pavt Mrkg, Preformed Thermoplastic, Only	8117050	4.000	Ea
0450	_ Pavt Mrkg, Preformed Thermoplastic, Rt Turn Arrow Sym	8117050	8.000	Ea
0460	_ Pavt Mrkg, Preformed Thermoplastic, School	8117050	3.000	Ea
0470	Barricade, Type III, High Intensity, Lighted, Furn	8120022	10.000	Ea
0480	Barricade, Type III, High Intensity, Lighted, Oper	8120023	10.000	Ea
0490	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0500	Channelizing Device, 42 inch, Furn	8120030	75.000	Ea
0510	Channelizing Device, 42 inch, Oper	8120031	75.000	Ea
0520	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0530	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0540	Minor Traf Devices	8120170	1.000	LSUM
0550	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	1,000.000	Ft
0560	Plastic Drum, High Intensity, Furn	8120250	125.000	Ea
0570	Plastic Drum, High Intensity, Oper	8120251	125.000	Ea
0580	Sign Cover	8120310	10.000	Ea
0590	Sign, Type B, Temp, Prismatic, Furn	8120350	790.000	Sft
0600	Sign, Type B, Temp, Prismatic, Oper	8120351	790.000	Sft
0610	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	510.000	Sft
0620	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	510.000	Sft
0630	_ Turf Establishment, Performance	8167011	1,190.000	Syd
0640	_ Reimbursed Permit Fees	8167060	3,075.000	Dlr
0650	Monument Box	8210001	2.000	Ea
0660	Monument Preservation	8210010	2.000	Ea
0670	Contractor Staking	8240001	1.000	LSUM
0680	Staking Plan Errors and Extras, One Person	8240020	11.000	Hr
0690	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0700	Staking Plan Errors and Extras, Three Person	8240022	7.000	Hr

**Schedule of Pay Items**

Report v1

Letting Call: 190628 910**Letting Date:** June 28, 2019**Contract ID:** 64000-133055

Description: Bridge reconstruction with 54 inch prestressed concrete beams, cofferdams, piles, sheet piling, hot mix asphalt paving, earthwork, drainage, riprap and approach work on Shelby Road over Stoney Creek, Oceana County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
133055A	1900770	N/A	BRT 64000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$164,000.00	1500001	1.000	LSUM
0020	_ Clearing, Modified	2017002	11.000	Sta
0030	Stump, Rem, 19 inch to 36 inch	2020006	1.000	Ea
0040	Stump, Rem, 6 inch to 18 inch	2020008	15.000	Ea
0050	Culv, Rem, Less than 24 inch	2030001	4.000	Ea
0060	Embankment, CIP	2050010	950.000	Cyd
0070	Excavation, Earth	2050016	1,861.000	Cyd
0080	Erosion Control, Inlet Protection, Fabric Drop	2080020	6.000	Ea
0090	Erosion Control, Silt Fence	2080036	2,060.000	Ft
0100	Subbase, CIP	3010002	1,743.000	Cyd
0110	Aggregate Base	3020001	2,196.000	Ton
0120	Approach, CI II	3070021	10.000	Ton
0130	Shoulder, CI II	3070121	278.000	Ton
0140	Culv End Sect, 12 inch	4010012	3.000	Ea
0150	Culv End Sect, Grate	4010083	180.000	Lb
0160	Sewer, CI A, 12 inch, Tr Det B	4020033	65.000	Ft
0170	Sewer, CI E, 12 inch, Tr Det B	4020600	102.000	Ft
0180	Video Taping Sewer and Culv Pipe	4021275	167.000	Ft
0190	Dr Structure Cover, Type W	4030080	6.000	Ea
0200	Dr Structure, 24 inch dia	4030200	3.000	Ea
0210	Dr Structure, 48 inch dia	4030210	3.000	Ea
0220	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	12.000	Ft
0230	HMA Surface, Rem	5010005	3,705.000	Syd
0240	HMA, 4E1	5010050	476.000	Ton
0250	HMA, 5E1	5010056	476.000	Ton
0260	Conc Pavt, Misc, Nonreinf, 12 inch	6020062	8.000	Syd
0270	Conc Pavt, Bridge Approach, Reinf	6020600	90.000	Syd

0280	Guardrail, Type B	8070000	988.000	Ft
0290	Guardrail Anch, Bridge, Det T2	8070023	2.000	Ea
0300	Guardrail Anch, Bridge, Det T5	8070026	2.000	Ea
0310	Guardrail Approach Terminal, Type 2B	8070042	4.000	Ea
0320	Guardrail, Salv	8070075	1,644.000	Ft
0330	Guardrail Reflector	8070080	94.000	Ea
0340	Sign, Type III, Rem	8100403	1.000	Ea
0350	Pavt Mrkg, Waterborne, 4 inch, White	8110231	2,100.000	Ft
0360	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	818.000	Ft
0370	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	12.000	Ea
0380	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	12.000	Ea
0390	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0400	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0410	Minor Traf Devices	8120170	1.000	LSUM
0420	Plastic Drum, High Intensity, Furn	8120250	42.000	Ea
0430	Plastic Drum, High Intensity, Oper	8120251	42.000	Ea
0440	Sign, Portable, Changeable Message, Furn	8120330	4.000	Ea
0450	Sign, Portable, Changeable Message, Oper	8120331	4.000	Ea
0460	Sign, Type B, Temp, Prismatic, Furn	8120350	491.000	Sft
0470	Sign, Type B, Temp, Prismatic, Oper	8120351	491.000	Sft
0480	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	234.000	Sft
0490	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	234.000	Sft
0500	Traf Regulator Control	8120370	1.000	LSUM
0510	Riprap, Plain	8130010	20.000	Syd
0520	Slope Restoration, Type D	8160103	2,401.000	Syd
0530	Monument Box	8210001	1.000	Ea
0540	Monument Preservation	8210010	1.000	Ea
0550	Contractor Staking	8240001	1.000	LSUM
0560	Staking Plan Errors and Extras, One Person	8240020	15.000	Hr
0570	Staking Plan Errors and Extras, Two Person	8240021	5.000	Hr
0580	Staking Plan Errors and Extras, Three Person	8240022	5.000	Hr

Section: 2

0590	Structures, Rem (SN 8368)	2040060	1.000	LSUM
0600	Backfill, Structure, CIP	2060002	133.000	Cyd
0610	Excavation, Fdn	2060010	397.000	Cyd
0620	Erosion Control, Filter Bag	2080014	4.000	Ea
0630	Erosion Control, Turbidity Curtain, Shallow	2080044	157.000	Ft
0640	Underdrain, Fdn, 6 inch	4040033	626.000	Ft
0650	Underdrain Outlet, 6 inch	4040093	25.000	Ft
0660	Underdrain, Outlet Ending, 6 inch	4040113	1.000	Ea
0670	Steel Sheet Piling, Permanent	7040001	12,380.000	Sft
0680	Cofferdams (SN 8368)	7040007	1.000	LSUM

0690	Pile Driving Equipment, Furn (SN 8368)	7050002	1.000	LSUM
0700	Pile, CIP Conc, Furn and Driven, 14 inch	7050022	2,278.000	Ft
0710	Pile Point, CIP Conc	7050025	30.000	Ea
0720	Test Pile, Steel, 14 inch	7050035	4.000	Ea
0730	Pile, Steel, Splice	7050050	30.000	Ea
0740	Bridge Ltg, Furn and Rem (SN 8368)	7060001	1.000	LSUM
0750	Bridge Ltg, Oper and Maintain	7060002	200.000	Cyd
0760	Expansion Joint Device	7060050	41.000	Ft
0770	False Decking	7060060	4,050.000	Sft
0780	Reinforcement, Steel, Epoxy Coated	7060092	40,520.000	Lb
0790	Substructure Conc	7060100	114.000	Cyd
0800	Superstructure Conc, Form, Finish, and Cure, Night Casting (SN 8368)	7060112	1.000	LSUM
0810	Superstructure Conc, Night Casting	7060113	200.000	Cyd
0820	_ Structure Name Plate	7067050	1.000	Ea
0830	Bearing, Elastomeric, 2 inch	7070016	2,760.000	Sin
0840	Steel Diaphragm, Prest Conc Beam, Furn and Fab	7070053	3,540.000	Lb
0850	Steel Diaphragm, Prest Conc Beam, Erect	7070054	3,540.000	Lb
0860	Prest Conc I Beam, Furn, 54 inch	7080033	584.000	Ft
0870	Prest Conc I Beam, Erect, 54 inch	7080034	584.000	Ft
0880	Joint Waterproofing	7100001	196.000	Sft
0890	_ Silane Treatment	7107010	2,540.000	Sft
0900	Bridge Railing, Aesthetic Parapet Tube	7110005	284.000	Ft
0910	Bolt, Adhesive Anchored, 3/4 inch	7120042	36.000	Ea
0920	_ Riprap, Heavy, Modified	8137011	523.000	Syd



Schedule of Pay Items

Report v1

Letting Call: 190628 911

Letting Date: June 28, 2019

Contract ID: 11000-130775

Description: 1.51 mi of hot mix asphalt resurfacing, trenching, aggregate base and pavement markings on Bertrand Road from Portage Road to Copp Road, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130775A	1900781	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$37,000.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	60.000	Syd
0030	Embankment, CIP	2050010	200.000	Cyd
0040	Excavation, Earth	2050016	200.000	Cyd
0050	Erosion Control, Silt Fence	2080036	400.000	Ft
0060	_ Aggregate Base, Modified	3027011	4,500.000	Syd
0070	Approach, CI II	3070021	80.000	Ton
0080	Shoulder, CI II	3070121	600.000	Ton
0090	_ Trenching, Modified	3077002	102.000	Sta
0100	Hand Patching	5010025	15.000	Ton
0110	HMA, 4E1	5010050	1,000.000	Ton
0120	HMA, 5E1	5010056	3,100.000	Ton
0130	HMA Approach	5010061	100.000	Ton
0140	_ HMA Wedge Curb	5017001	3,000.000	Ft
0150	_ Pavt for Butt Joints, Rem, Modified	5017011	500.000	Syd
0160	_ Spillway, HMA	8007050	4.000	Ea
0170	Post, Mailbox	8070095	10.000	Ea
0180	Pavt Mrkg, Waterborne, 4 inch, White	8110231	16,000.000	Ft
0190	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	13,000.000	Ft
0200	Channelizing Device, 42 inch, Furn	8120030	100.000	Ea
0210	Channelizing Device, 42 inch, Oper	8120031	100.000	Ea
0220	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0230	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0240	Minor Traf Devices	8120170	1.000	LSUM
0250	Sign, Type B, Temp, Prismatic, Furn	8120350	296.000	Sft
0260	Sign, Type B, Temp, Prismatic, Oper	8120351	296.000	Sft
0270	Traf Regulator Control	8120370	1.000	LSUM
0280	Slope Restoration, Type A	8160100	2,500.000	Syd

0290	Slope Restoration, Type B	8160101	500.000	Syd
0300	Monument Box Adjust	8210005	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190628 912

Letting Date: June 28, 2019

Contract ID: 82000-205935

Description: 15.82 mi of hot mix asphalt cold milling and resurfacing, concrete curb and gutter, sidewalk, sidewalk ramps, drainage and pavement markings on various routes in the city of Detroit, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205935A	1900835	N/A	STU 82000
207914A	1900830	N/A	NH 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$1,082,100.00	1500001	1.000	LSUM
0020	Pavt, Rem	2040050	56.000	Syd
0030	Sidewalk, Rem	2040055	21,255.000	Syd
0040	_ Curb, Rem, Modified	2047001	22,675.000	Ft
0050	_ Integral Curb and Sidewalk, 2 feet, Rem, Modified	2047001	3,909.000	Ft
0060	_ Underground Sprinklers, Identify, Protect and Restore, Modified	2047051	1.000	LSUM
0070	Granular Material, CI II	2050023	100.000	Cyd
0080	Subgrade Undercutting, Type II	2050041	50.000	Cyd
0090	_ Excavation, Earth, Modified	2057021	500.000	Cyd
0100	Aggregate Base, 4 inch	3020010	3,000.000	Syd
0110	_ Dr Structure Lead, Cleaning, Modified	4037001	13,640.000	Ft
0120	_ Dr Structure Cover, Modified	4037030	375,100.000	Lb
0130	_ Dr Structure Cleaning, Modified	4037050	1,364.000	Ea
0140	_ Dr Structure Cover, Adj, Case 1, Modified	4037050	1,236.000	Ea
0150	_ Dr Structure Cover, Adj, Case 2, Modified	4037050	41.000	Ea
0160	_ Reconstructing Dr Structure, Case 1, Modified	4037050	87.000	Ea
0170	_ Reconstructing Dr Structure, Case 2, Modified	4037050	4.000	Ea
0180	Pavt, Cleaning	5010001	1.000	LSUM
0190	HMA Surface, Rem	5010005	18,047.000	Syd
0200	Pavt for Butt Joints, Rem	5010008	4,469.000	Syd
0210	Hand Patching	5010025	5.000	Ton
0220	HMA, 4E3	5010051	39,116.000	Ton
0230	HMA, 5E3	5010057	30,107.000	Ton
0240	_ Cold Milling HMA Surface, Modified	5017011	359,595.000	Syd
0250	_ Conditioning Existing Pavement, Modified	5017031	4,846.000	Ton
0260	_ HMA Approach, Modified	5017031	3,517.000	Ton

0270	_ HMA Shoulder, Modified	5017031	298.000	Ton
0280	_ Pavt Repr, Nonreinf Conc, 10 inch, Modified	6027011	1,274.000	Syd
0290	_ Pavt Repr, Nonreinf Conc, 6 inch, Modified	6027011	50.000	Syd
0300	_ Pavt Repr, Nonreinf Conc, 8 inch, Modified	6027011	100.000	Syd
0310	Cement	6030005	5.000	Ton
0320	_ Curb, Conc, Detail CD, Modified	6037001	15,967.000	Ft
0330	_ Pavt Repr, Rem, Modified	6037011	1,274.000	Syd
0340	_ Detectable Warning Surface Tile, Modified	8027001	3,420.000	Ft
0350	_ Sidewalk Ramp, ADA, Modified	8027010	81,522.000	Sft
0360	_ Sidewalk, Conc, 4 inch, Modified	8027010	102,246.000	Sft
0370	_ Sidewalk, Conc, 6 inch, Modified	8027010	840.000	Sft
0380	Curb Ramp Opening, Conc	8030030	7,350.000	Ft
0390	_ Integral Curb and Sidewalk, 2 Feet, Modified	8037001	3,465.000	Ft
0400	_ Sidewalk, Conc with Tree Roots, 4 inch, Modified	8037010	5,276.000	Sft
0410	_ Sidewalk, Conc with Tree Roots, 6 inch, Modified	8037010	306.000	Sft
0420	_ Delineator Post, 36 Inch, White	8107050	538.000	Ea
0430	Pavt Mrkg, Ovly Cold Plastic, 6 inch, Crosswalk	8110024	4,366.000	Ft
0440	Pavt Mrkg, Ovly Cold Plastic, 12 inch, Crosswalk	8110041	700.000	Ft
0450	Pavt Mrkg, Ovly Cold Plastic, 18 inch, Stop Bar	8110044	419.000	Ft
0460	Pavt Mrkg, Ovly Cold Plastic, Lt Turn Arrow Sym	8110063	17.000	Ea
0470	Pavt Mrkg, Ovly Cold Plastic, Only	8110068	26.000	Ea
0480	Pavt Mrkg, Ovly Cold Plastic, Rt Turn Arrow Sym	8110071	7.000	Ea
0490	Pavt Mrkg, Ovly Cold Plastic, Thru and Lt Turn Arrow Sym	8110076	4.000	Ea
0500	Pavt Mrkg, Ovly Cold Plastic, Thru and Rt Turn Arrow Sym	8110077	4.000	Ea
0510	Pavt Mrkg, Ovly Cold Plastic, Thru Arrow Sym	8110078	2.000	Ea
0520	Pavt Mrkg, Sprayable Thermopl, 4 inch, White	8110153	47,495.000	Ft
0530	Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow	8110154	80,310.000	Ft
0540	Pavt Mrkg, Sprayable Thermopl, 6 inch, White	8110155	5,788.000	Ft
0550	Pavt Mrkg, Sprayable Thermopl, 12 inch, White	8110159	590.000	Ft
0560	Pavt Mrkg, Thermopl, 6 inch, Crosswalk	8110197	8,036.000	Ft
0570	Pavt Mrkg, Thermopl, 12 inch, Crosswalk	8110214	12,770.000	Ft
0580	Pavt Mrkg, Thermopl, 18 inch, Stop Bar	8110217	2,610.000	Ft
0590	Pavt Mrkg, Thermopl, 24 inch, Stop Bar	8110218	110.000	Ft
0600	Pavt Mrkg, Polyurea, Railroad Sym	8110411	2.000	Ea
0610	_ Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching, White	8117001	5,283.000	Ft
0620	_ Pavt Mrkg, Modified Urethane, 12 inch, Cross Hatching, Yellow	8117001	327.000	Ft
0630	_ Pavt Mrkg, Modified Urethane, 4 inch, Cross Hatching, White	8117001	1,827.000	Ft
0640	_ Pavt Mrkg, Modified Urethane, 4 inch, Cross Hatching, Yellow	8117001	10.000	Ft
0650	_ Recessing Pavt Mrkg, 12 inch, Modified	8117001	13,470.000	Ft
0660	_ Recessing Pavt Mrkg, 18 inch, Modified	8117001	3,029.000	Ft
0670	_ Recessing Pavt Mrkg, 24 inch, Modified	8117001	110.000	Ft

0680	_ Recessing Pavt Mrkg, 6 inch, Modified	8117001	12,402.000	Ft
0690	_ Pavt Mrkg, Methyl Methacrylate (MMA), Green	8117010	52.000	Sft
0700	_ Pavt Mrkg, Methyl Methacrylate (MMA), Bike Directional Arrow, White	8117050	26.000	Ea
0710	_ Pavt Mrkg, Methyl Methacrylate (MMA), Bike Sym, White	8117050	26.000	Ea
0720	_ Pavt Mrkg, Waterborne, Bike Sym and Arrow, White, Modified	8117050	46.000	Ea
0730	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	20.000	Ea
0740	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	20.000	Ea
0750	Lighted Arrow, Type C, Furn	8120140	10.000	Ea
0760	Lighted Arrow, Type C, Oper	8120141	10.000	Ea
0770	Minor Traf Devices	8120170	1.000	LSUM
0780	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	7,500.000	Ft
0790	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	7,500.000	Ft
0800	Plastic Drum, High Intensity, Furn	8120250	400.000	Ea
0810	Plastic Drum, High Intensity, Oper	8120251	400.000	Ea
0820	Sign, Type B, Temp, Prismatic, Furn	8120350	2,500.000	Sft
0830	Sign, Type B, Temp, Prismatic, Oper	8120351	2,500.000	Sft
0840	Traf Regulator Control	8120370	1.000	LSUM
0850	Sodding	8160055	3,331.000	Syd
0860	Water, Sodding/Seeding	8160090	64.000	Unit
0870	_ Topsoil Surface, Furn, LM, Modified	8167021	313.000	Cyd
0880	Monument Box	8210001	10.000	Ea
0890	Monument Preservation, Vertical	8210015	4.000	Ea
0900	_ Water Shutoff, Adj, Modified	8237050	127.000	Ea
0910	_ Door Hanger Notifications, Modified	8507051	1.000	LSUM
0920	_ Railroad Protection, at Grade Crossing	8507060	2,000.000	Dlr



Schedule of Pay Items

Report v1

Letting Call: 190628 913

Letting Date: June 28, 2019

Contract ID: 11000-130684

Description: 1.11 mi of hot mix asphalt resurfacing, aggregate shoulders and pavement markings on Main Street from the north city limits of Buchanan to north of Reed Road, Berrien County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
130684A	1900766	N/A	STU 11000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$14,800.00	1500001	1.000	LSUM
0020	_ Pavt Rem, Modified	2047011	75.000	Syd
0030	Approach, CI II	3070021	80.000	Ton
0040	Shoulder, CI II	3070121	500.000	Ton
0050	Hand Patching	5010025	25.000	Ton
0060	HMA, 5E1	5010056	1,900.000	Ton
0070	HMA Approach	5010061	125.000	Ton
0080	_ Pavt for Butt Joints, Rem, Modified	5017011	750.000	Syd
0090	Post, Mailbox	8070095	5.000	Ea
0100	Pavt Mrkg, Waterborne, 4 inch, White	8110231	11,750.000	Ft
0110	Pavt Mrkg, Waterborne, 4 inch, Yellow	8110232	5,410.000	Ft
0120	Channelizing Device, 42 inch, Furn	8120030	60.000	Ea
0130	Channelizing Device, 42 inch, Oper	8120031	60.000	Ea
0140	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0150	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0160	Minor Traf Devices	8120170	1.000	LSUM
0170	Sign, Type B, Temp, Prismatic, Furn	8120350	296.000	Sft
0180	Sign, Type B, Temp, Prismatic, Oper	8120351	296.000	Sft
0190	Traf Regulator Control	8120370	1.000	LSUM
0200	Monument Box Adjust	8210005	2.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190628 914

Letting Date: June 28, 2019

Contract ID: 13000-121059

Description: 0.04 mi of concrete curb, gutter and sidewalk ramps and signal upgrades on Capital Avenue at Michigan Avenue in the city of Battle Creek, Calhoun County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
121059A	1900779	N/A	CMG 13000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$31,300.00	1500001	1.000	LSUM
0020	Curb and Gutter, Rem	2040020	20.000	Ft
0030	Exploratory Investigation, Vertical	2040080	20.000	Ft
0040	_ Streetscape Brick Sidewalk and Sidewalk Ramp, Rem	2047011	138.000	Syd
0050	_ Streetscape Concrete and Concrete Ramp, Rem	2047011	71.000	Syd
0060	Erosion Control, Inlet Protection, Fabric Drop	2080020	2.000	Ea
0070	Project Cleanup	2090001	1.000	LSUM
0080	Maintenance Gravel, LM	3060021	10.000	Cyd
0090	HMA Surface, Rem	5010005	45.000	Syd
0100	Hand Patching	5010025	20.000	Ton
0110	Curb and Gutter, Conc, Det F4	8020038	20.000	Ft
0120	_ Streetscape Brick Sidewalk and Sidewalk Ramp	8037010	1,242.000	Sft
0130	_ Streetscape Detectable Warning Surface	8037010	60.000	Sft
0140	_ Streetscape Exposed Aggregate Sidewalk and Sidewalk Ramp	8037010	639.000	Sft
0150	Sign, Type IV, Erect, Salv	8100408	2.000	Ea
0160	Mast Arm Pole, Cat I	8100510	2.000	Ea
0170	Mast Arm, 50 foot, Cat I	8100526	4.000	Ea
0180	Mast Arm Pole Fdn, 6 Bolt	8100550	34.000	Ft
0190	Mast Arm, Rem	8100560	4.000	Ea
0200	Mast Arm Std, Rem	8100570	3.000	Ea
0210	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	10.000	Ea
0220	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	10.000	Ea
0230	Lighted Arrow, Type A, Furn	8120120	2.000	Ea
0240	Lighted Arrow, Type A, Oper	8120121	2.000	Ea
0250	Minor Traf Devices	8120170	1.000	LSUM
0260	Plastic Drum, High Intensity, Furn	8120250	50.000	Ea

0270	Plastic Drum, High Intensity, Oper	8120251	50.000	Ea
0280	Sign Cover	8120310	10.000	Ea
0290	Sign, Type B, Temp, Prismatic, Furn	8120350	700.000	Sft
0300	Sign, Type B, Temp, Prismatic, Oper	8120351	700.000	Sft
0310	Traf Regulator Control	8120370	1.000	LSUM
0320	Conduit, DB, 1, 1 1/2 inch	8190027	346.000	Ft
0330	Conduit, DB, 1, 3 inch	8190029	764.000	Ft
0340	Hh, Rem	8190254	3.000	Ea
0350	Hh, Round, 3 foot dia	8190259	3.000	Ea
0360	Case Sign, Rem	8200020	6.000	Ea
0370	Controller and Cabinet, Rem	8200030	1.000	Ea
0380	Controller Fdn, Base Mount	8200045	1.000	Ea
0390	Fdn, Rem	8200065	3.000	Ea
0400	Pedestal, Alum	8200100	6.000	Ea
0410	Pedestal, Fdn	8200105	4.000	Ea
0420	Pedestal Fdn, Rem	8200106	3.000	Ea
0430	Pedestal, Rem	8200110	4.000	Ea
0440	Pushbutton and Sign	8200121	8.000	Ea
0450	Pushbutton and Sign, Salv	8200126	8.000	Ea
0460	Serv Disconnect	8200135	1.000	Ea
0470	Serv Disconnect, Rem	8200136	1.000	Ea
0480	TS, Mast Arm Mtd, Rem	8200177	8.000	Ea
0490	TS, Pedestrian, Bracket Arm Mtd, Rem	8200180	8.000	Ea
0500	Cabinet, NEMA Type	8200186	1.000	Ea
0510	TS, One Way Mast Arm Mtd, FYA (LED)	8200304	4.000	Ea
0520	TS, One Way Bracket Arm Mtd (LED)	8200333	1.000	Ea
0530	TS, One Way Bracket Arm Mtd, FYA (LED)	8200334	1.000	Ea
0540	TS, Pedestrian, One Way Bracket Arm Mtd (LED) Countdown	8200336	2.000	Ea
0550	TS, One Way Pedestal Mtd (LED)	8200340	2.000	Ea
0560	TS, Pedestrian, One Way Pedestal Mtd (LED) Countdown	8200345	6.000	Ea
0570	TS, One Way Mast Arm Mtd (LED)	8200359	8.000	Ea
0580	TS, Antenna, Rem	8200368	3.000	Ea
0590	Bracket, Truss, With 18 Foot Arm	8200378	2.000	Ea
0600	TS Face, Bag	8200458	12.000	Ea
0610	TS Face, Bag, Rem	8200459	12.000	Ea
0620	Casing	8200480	28.000	Ft
0630	Backplate, TS	8200501	20.000	Ea
0640	_ Camera, PTZ	8207050	1.000	Ea
0650	_ Case Sign (LED), Street Name, Two Way	8207050	4.000	Ea
0660	_ Controller, ATC Type, Classic	8207050	1.000	Ea
0670	_ Field Switch - 10/100BaseT	8207050	1.000	Ea
0680	_ Modular Video Detection System	8207050	1.000	Ea
0690	_ Powder Coating, Mast Arm Pole, Black	8207050	2.000	Ea

0700	_ Powder Coating, Mast Arm, Black	8207050	4.000	Ea
0710	_ Powder Coating, Pedestal, Black	8207050	6.000	Ea
0720	_ Powder Coating, Truss Arm, Black	8207050	2.000	Ea
0730	_ Sign, No Right Turn Disappearing Legend Case Sign	8207050	4.000	Ea
0740	_ TS, One Way Pedestal Mtd, FYA (LED)	8207050	4.000	Ea
0750	_ Wireless Intercn, Ethernet, Access Point	8207050	1.000	Ea
0760	_ Wireless Intercn, Ethernet, Remote	8207050	3.000	Ea



Schedule of Pay Items

Report v1

Letting Call: 190628 915

Letting Date: June 28, 2019

Contract ID: 82000-205484

Description: 0.52 mi of hot mix asphalt cold milling and resurfacing, concrete pavement, curb, gutter, sidewalk and ramps, storm sewer and pavement markings on Military Road from Cherry Hill Street to Outer Drive in the city of Dearborn, Wayne County. This is a Local Agency project.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205484A	1900794	N/A	STU 82000

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	Mobilization, Max \$50,100.00	1500001	1.000	LSUM
0020	Stump, Rem, 19 inch to 36 inch	2020006	7.000	Ea
0030	Stump, Rem, 6 inch to 18 inch	2020008	3.000	Ea
0040	Dr Structure, Rem	2030011	2.000	Ea
0050	Sewer, Rem, Less than 24 inch	2030015	20.000	Ft
0060	Curb and Gutter, Rem	2040020	340.000	Ft
0070	Pavt, Rem	2040050	700.000	Syd
0080	Sidewalk, Rem	2040055	145.000	Syd
0090	_ Driveway Apron, Rem	2047011	30.000	Syd
0100	_ Fill Existing Sewer w/Grout	2047021	6.000	Cyd
0110	Erosion Control, Inlet Protection, Fabric Drop	2080020	20.000	Ea
0120	Project Cleanup	2090001	1.000	LSUM
0130	Aggregate Base, 6 inch	3020016	700.000	Syd
0140	Maintenance Gravel, LM	3060021	75.000	Cyd
0150	Sewer, Cl B, 12 inch, Tr Det B	4020183	79.000	Ft
0160	Sewer, Cl B, 18 inch, Tr Det B	4020185	220.000	Ft
0170	Sewer, Cl E, 12 inch, Tr Det B	4020600	531.000	Ft
0180	Sewer Bulkhead, 12 inch	4021230	6.000	Ea
0190	Sewer Bulkhead, 27 inch	4021235	1.000	Ea
0200	_ Sewer Tap, 27 inch	4027050	1.000	Ea
0210	Dr Structure Cover, Adj, Case 1	4030005	22.000	Ea
0220	Dr Structure, 24 inch dia	4030200	1.000	Ea
0230	Dr Structure, 48 inch dia	4030210	6.000	Ea
0240	Dr Structure, Add Depth of 48 inch dia, 8 foot to 15 foot	4030250	27.000	Ft
0250	Dr Structure, Cleaning	4030290	20.000	Ea
0260	Dr Structure, Tap, 12 inch	4030312	2.000	Ea
0270	Dr Structure, Tap, 18 inch	4030318	2.000	Ea

0280	_ Dr Structure Cover, Modified	4037050	14.000	Ea
0290	Cold Milling HMA Surface	5010002	9,700.000	Syd
0300	HMA Surface, Rem	5010005	550.000	Syd
0310	Pavt for Butt Joints, Rem	5010008	200.000	Syd
0320	Pavt Joint and Crack Repr, Det 7	5010020	1,500.000	Ft
0330	Pavt Joint and Crack Repr, Det 8	5010021	300.000	Ft
0340	Hand Patching	5010025	30.000	Ton
0350	HMA, 13A	5010033	955.000	Ton
0360	HMA, 36A	5010034	1,270.000	Ton
0370	Conc Base Cse, Nonreinf, 8 inch	6020019	800.000	Syd
0380	Conc Pavt, Nonreinf, 8 inch	6020104	150.000	Syd
0390	Joint, Contraction, Cp	6020200	15.000	Ft
0400	Cold Milling Conc Pavt	6030014	25.000	Syd
0410	Lane Tie, Epoxy Anchored	6030030	300.000	Ea
0420	Pavt Repr, Nonreinf Conc, 8 inch	6030044	485.000	Syd
0430	Pavt Repr, Rem	6030080	485.000	Syd
0440	Driveway, Nonreinf Conc, 6 inch	8010005	30.000	Syd
0450	_ Curb and Gutter, Conc, Det F1, Modified	8027001	150.000	Ft
0460	Detectable Warning Surface	8030010	170.000	Ft
0470	Curb Ramp Opening, Conc	8030030	190.000	Ft
0480	Sidewalk Ramp, Conc, 4 inch	8030034	650.000	Sft
0490	Sidewalk, Conc, 4 inch	8030044	650.000	Sft
0500	Pavt Mrkg, Polyurea, 4 inch, White	8110091	1,100.000	Ft
0510	Pavt Mrkg, Polyurea, 4 inch, Yellow	8110092	200.000	Ft
0520	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	650.000	Ft
0530	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	90.000	Ft
0540	Rem Curing Compound, for Spec Mrkg	8110321	50.000	Sft
0550	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	2.000	Ea
0560	Pavt Mrkg, Polyurea, Only	8110410	2.000	Ea
0570	Barricade, Type III, High Intensity, Lighted, Furn	8120022	25.000	Ea
0580	Barricade, Type III, High Intensity, Lighted, Oper	8120023	25.000	Ea
0590	Pedestrian Type II Barricade, Temp	8120026	10.000	Ea
0600	Lighted Arrow, Type C, Furn	8120140	2.000	Ea
0610	Lighted Arrow, Type C, Oper	8120141	2.000	Ea
0620	Minor Traf Devices	8120170	1.000	LSUM
0630	Pavt Mrkg Cover, Type R, Black	8120200	200.000	Ft
0640	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	1,000.000	Ft
0650	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	100.000	Ft
0660	Plastic Drum, High Intensity, Furn	8120250	200.000	Ea
0670	Plastic Drum, High Intensity, Oper	8120251	200.000	Ea
0680	Sign, Type B, Temp, Prismatic, Furn	8120350	400.000	Sft
0690	Sign, Type B, Temp, Prismatic, Oper	8120351	400.000	Sft
0700	Fertilizer, Chemical Nutrient, CI A	8160020	25.000	Lb
0710	Mulch Blanket	8160027	1,000.000	Syd

0720	Seeding, Mixture TUF	8160042	100.000	Lb
0730	Topsoil Surface, Furn, 4 inch	8160062	1,000.000	Syd
0740	Water, Sodding/Seeding	8160090	100.000	Unit



Schedule of Pay Items

Report v1

Letting Call: 190628 916

Letting Date: June 28, 2019

Contract ID: 33011-205192

Description: 2.84 mi of hot mix asphalt surfacing, concrete pavement repair, concrete curb and gutter and drainage structure upgrades on M-99 from Edgewood Blvd. north to 500 feet south of Barnes Rd. in the city of Lansing, Ingham County. This project includes a 5 year material and workmanship and a 3 year material and workmanship pavement warranties.

Project Information

Project Number	Federal Project Number	Federal Item Number	Control Section
205192A	1900792	N/A	ST 33011

List of Items by Section

Line Num	Item Description	Item ID	Quantity	Units
Section: 1				
0010	_ Audio-Visual Filming	1047051	1.000	LSUM
0020	Mobilization, Max \$383,300.00	1500001	1.000	LSUM
0030	Curb and Gutter, Rem	2040020	1,484.000	Ft
0040	Guardrail, Rem	2040035	140.000	Ft
0050	Masonry and Conc Structure, Rem	2040045	20.000	Cyd
0060	Pavt, Rem	2040050	38,362.000	Syd
0070	Sidewalk, Rem	2040055	130.000	Syd
0080	Exploratory Investigation, Vertical	2040080	50.000	Ft
0090	Excavation, Earth	2050016	2,613.000	Cyd
0100	Non Haz Contaminated Material Handling and Disposal, LM	2050031	50.000	Cyd
0110	_ Subgrade Undercutting, Modified	2057021	3,000.000	Cyd
0120	Erosion Control, Inlet Protection, Fabric Drop	2080020	30.000	Ea
0130	Erosion Control, Inlet Protection, Sediment Trap	2080024	10.000	Ea
0140	Project Cleanup	2090001	1.000	LSUM
0150	Aggregate Base, 4 inch	3020010	140.000	Syd
0160	Aggregate Base, 6 inch	3020016	38,487.000	Syd
0170	Dr Structure Cover, Adj, Case 1	4030005	59.000	Ea
0180	Dr Structure Cover, Type B	4030010	1.000	Ea
0190	Dr Structure Cover, Type K	4030050	29.000	Ea
0200	Dr Structure, 24 inch dia	4030200	2.000	Ea
0210	Dr Structure, 48 inch dia	4030210	2.000	Ea
0220	Dr Structure, Adj, Add Depth	4030280	20.000	Ft
0230	Dr Structure, Cleaning	4030290	5.000	Ea
0240	Dr Structure, Temp Lowering	4030390	21.000	Ea
0250	_ Dr Structure, Repair	4037050	5.000	Ea
0260	Cold Milling HMA Surface	5010002	68,066.000	Syd

0270	Bump Grinding	5010004	300.000	Syd
0280	HMA Quality Initiative	5010007	39,294.000	Dir
0290	Longitudinal Joint Density Quality Initiative	5010018	59,896.000	Dir
0300	Hand Patching	5010025	25.000	Ton
0310	HMA, 3E3	5010045	6,330.000	Ton
0320	HMA Approach	5010061	25.000	Ton
0330	HMA, 4E3, High Stress	5010509	4,220.000	Ton
0340	HMA, 5E3, High Stress	5010515	9,047.000	Ton
0350	Reflective Marker, Permanent Barrier	7110003	8.000	Ea
0360	_ Pedestrian Ramp, Temp	8007050	6.000	Ea
0370	Curb and Gutter, Conc, Det C3	8020022	1,400.000	Ft
0380	Driveway Opening, Conc, Det M	8020050	150.000	Ft
0390	Valley Gutter, Conc	8020060	390.000	Ft
0400	_ Valley Gutter, Conc, 9 inch, Modified	8027001	84.000	Ft
0410	Detectable Warning Surface	8030010	50.000	Ft
0420	Sidewalk Ramp, Conc, 4 inch	8030034	350.000	Sft
0430	Sidewalk Ramp, Conc, 6 inch	8030036	230.000	Sft
0440	Sidewalk, Conc, 4 inch	8030044	410.000	Sft
0450	Sidewalk, Conc, 6 inch	8030046	230.000	Sft
0460	_ Conc Barrier, Single Face, Modified, Type C	8047001	84.000	Ft
0470	Guardrail, Type MGS-8	8070004	25.000	Ft
0480	Guardrail Approach Terminal, Type 2M	8070044	1.000	Ea
0490	Guardrail Departing Terminal, Type MGS	8070052	1.000	Ea
0500	Guardrail Reflector	8070080	4.000	Ea
0510	Sign, Type III, Rem	8100403	1.000	Ea
0520	Pavt Mrkg, Ovly Cold Plastic, Railroad Sym	8110069	2.000	Ea
0530	Pavt Mrkg, Ovly Cold Plastic, School	8110074	4.000	Ea
0540	Pavt Mrkg, Polyurea, 6 inch, Crosswalk	8110093	2,060.000	Ft
0550	Pavt Mrkg, Polyurea, 12 inch, Crosswalk	8110110	240.000	Ft
0560	Pavt Mrkg, Polyurea, 24 inch, Stop Bar	8110114	492.000	Ft
0570	Rem Spec Mrkg	8110343	1,000.000	Sft
0580	Witness, Log, \$1,000.00	8110350	1,000.000	Dir
0590	Pavt Mrkg, Polyurea, Lt Turn Arrow Sym	8110405	9.000	Ea
0600	Pavt Mrkg, Polyurea, Rt Turn Arrow Sym	8110412	6.000	Ea
0610	Recessing Pavt Mrkg, Longit	8110450	44,922.000	Ft
0620	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, White	8110500	7,487.000	Ft
0630	Pavt Mrkg, Wet Retrflec Polyurea, 4 inch, Yellow	8110504	37,435.000	Ft
0640	Barricade, Type III, High Intensity, Double Sided, Lighted, Furn	8120012	160.000	Ea
0650	Barricade, Type III, High Intensity, Double Sided, Lighted, Oper	8120013	160.000	Ea
0660	Pedestrian Type II Barricade, Temp	8120026	6.000	Ea
0670	Channelizing Device, 42 inch, Fluorescent, Furn	8120035	1,650.000	Ea
0680	Channelizing Device, 42 inch, Fluorescent, Oper	8120036	1,650.000	Ea
0690	Lighted Arrow, Type C, Furn	8120140	3.000	Ea

0700	Lighted Arrow, Type C, Oper	8120141	3.000	Ea
0710	Ltg for Night Work	8120160	1.000	LSUM
0720	Minor Traf Devices	8120170	1.000	LSUM
0730	Pavt Mrkg, Longit, 6 inch or Less Width, Rem	8120210	27,720.000	Ft
0740	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, White, Temp	8120235	32,000.000	Ft
0750	Pavt Mrkg, Wet Reflective, Type NR, Paint, 4 inch, Yellow, Temp	8120236	87,000.000	Ft
0760	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp	8120245	58,000.000	Ft
0770	Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, Yellow, Temp	8120246	58,000.000	Ft
0780	Plastic Drum, Fluorescent, Furn	8120252	500.000	Ea
0790	Plastic Drum, Fluorescent, Oper	8120253	500.000	Ea
0800	Pavt Mrkg, Wet Reflective, Type R, Tape, 24 inch, Stop Bar	8120265	1,000.000	Ft
0810	Sign Cover	8120310	100.000	Ea
0820	Sign, Portable, Changeable Message, Furn	8120330	2.000	Ea
0830	Sign, Portable, Changeable Message, Oper	8120331	2.000	Ea
0840	Sign, Type B, Temp, Prismatic, Furn	8120350	3,653.000	Sft
0850	Sign, Type B, Temp, Prismatic, Oper	8120351	3,653.000	Sft
0860	Sign, Type B, Temp, Prismatic, Special, Furn	8120352	1,261.000	Sft
0870	Sign, Type B, Temp, Prismatic, Special, Oper	8120353	1,261.000	Sft
0880	Traf Regulator Control	8120370	1.000	LSUM
0890	_ Bus Stop, Temp	8127050	17.000	Ea
0900	_ Driveway Maintenance	8127050	150.000	Ea
0910	_ Intersection Maintenance	8127050	8.000	Ea
0920	_ Pedestrian Type II Barracade, Temp	8127050	6.000	Ea
0930	Slope Restoration, Type B	8160101	160.000	Syd
0940	Case Sign (LED), One Way, 12 inch by 27 inch	8200019	1.000	Ea
0950	Case Sign, Rem	8200020	12.000	Ea
0960	Case Sign (LED), Two Way, 24 inch by 30 inch	8200022	8.000	Ea
0970	Case Sign, Salv	8200039	5.000	Ea
0980	TS, Span Wire Mtd, Rem	8200182	7.000	Ea
0990	TS, One Way Span Wire Mtd, Salv	8200191	1.000	Ea
1000	TS, Three Way Span Wire Mtd, Salv	8200206	1.000	Ea
1010	TS, One Way Span Wire Mtd, Five Sect (LED)	8200315	1.000	Ea
1020	TS, Two Way Span Wire Mtd (LED)	8200322	4.000	Ea
1030	TS Head, Adj	8200452	52.000	Ea
1040	TS Face, Bag	8200458	78.000	Ea
1050	TS Face, Bag, Rem	8200459	71.000	Ea
1060	_ TS, Two Way Span Wire Mtd, LTGA (LED)	8207050	1.000	Ea
1070	Monument Preservation	8210010	14.000	Ea
1080	Gate Box, Adj, Temp, Case 1	8230391	2.000	Ea
1090	Contractor Staking	8240001	1.000	LSUM
1100	Staking Plan Errors and Extras, One Person	8240020	29.000	Hr
1110	Staking Plan Errors and Extras, Two Person	8240021	12.000	Hr

1120	Staking Plan Errors and Extras, Three Person	8240022	17.000	Hr
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